

# THE STATISTICAL YEARBOOK OF TAIWAN WATER CORPORATION

2018

No. 41



Baoshan Reservoir

TAIWAN WATER CORPORATION

April 2019

Annual Important Performance

Item	Unit	1974	1975	1976	1977	1978	1979
1. Capacity of Water Supply System	M <sup>3</sup> /Day	...	...	...	...	...	...
2. Capacity of Water-Purification-Station	M <sup>3</sup> /Day	1,552,559	1,802,000	2,439,390	2,731,112	2,921,834	3,187,036
3. Average Yield Per Day	M <sup>3</sup>	1,176,321	1,265,741	1,332,205	1,513,115	1,791,415	1,996,937
4. Average Water Distributed Per Day	M <sup>3</sup>	1,159,958	1,251,325	1,329,623	1,509,732	1,786,097	1,993,547
5. Average Water Sold Per Day	M <sup>3</sup>	791,814	833,840	906,641	1,053,783	1,294,756	1,493,036
6. Yield	M <sup>3</sup>	429,357,104	461,995,434	487,586,996	552,286,833	653,866,592	728,881,919
7. Distributed Water	M <sup>3</sup>	423,384,502	456,733,547	486,641,970	551,052,131	651,925,230	727,644,563
8. Water Sold	M <sup>3</sup>	289,012,366	304,351,457	331,830,538	384,630,881	472,585,950	544,957,993
9. Actual Meter-Readings	M <sup>3</sup>	...	...	325,943,007	366,487,228	447,447,054	508,369,477
10. Percentage of Water Sold	%	68.26	66.64	68.19	69.80	72.49	74.89
11. Percentage of Actual Meter Readings	%	...	...	66.98	66.51	68.63	69.87
12. Percentage of NRW(Non-Revenue Water)	%	...	...	...	...	...	...
Percentage of Water Losses	%	...	...	...	...	...	...
Percentage of Unbilled Authorized Consumption	%	...	...	...	...	...	...
13. Administrative Population	Person	13,212,945	13,431,137	13,688,930	13,908,275	14,127,946	14,376,247
14. Designed Population	Person	6,248,858	6,780,700	7,616,810	8,300,890	8,927,215	9,503,965
15. Actual Population	Person	5,421,559	5,690,158	6,333,404	7,077,380	7,809,240	8,332,582
16. Percentage of Designed Population Served	%	47.29	50.48	55.64	59.68	63.19	66.11
17. Percentage of Actual Population Served	%	41.03	42.37	46.27	50.89	55.28	57.96
18. Length of Distributing Pipes	KM	...	8,079	9,022	10,852	12,709	13,775
19. Water Consumption Charge Revenue	Thousand NT\$	441,242	954,678	1,117,833	1,265,354	1,552,538	2,177,190
20. Households Connections	Households	734,989	814,940	928,129	1,065,453	1,230,158	1,404,312
21. Number of Employees	Person	4,839	5,179	5,210	5,304	5,338	5,423
22. Per Capita in Livelihood Yearly Distributed Water	M <sup>3</sup>	62.490	68.767	67.128	66.489	69.771	71.314
23. Per Capita in Livelihood Daily Distributed Water	M <sup>3</sup>	0.171	0.188	0.183	0.182	0.191	0.195
24. Per Capita in Livelihood Yearly Water Consumption	M <sup>3</sup>	42.657	45.824	45.775	46.407	50.579	53.406
25. Per Capita in Livelihood Daily Water Consumption	M <sup>3</sup>	0.117	0.126	0.125	0.127	0.139	0.146
26. Per Household in Livelihood Yearly Water Charges	NT\$	...	...	982	1,006	1,055	1,271
27. Per Household in Livelihood Monthly Water Charges	NT\$	...	...	82	84	88	106
28. Per Capita in Livelihood Yearly Water Charges	NT\$	70	144	151	149	162	206
29. Per Capita in Livelihood Monthly Water Charges	NT\$	6	12	13	12	14	17
30. Quantity of Water Sold Per Employee	M <sup>3</sup>	59,726	58,766	63,691	72,517	88,532	100,490
31. Households Afforded Per Employee	Households	152	157	178	201	230	259
32. Rate of Revenue	%	93.59	93.34	97.54	98.06	97.95	98.21
33. Sales Per Employee	NT\$	212,102	225,050	271,955	317,358	369,721	448,458

Annual Important Performance

Item	Unit	1974	1975	1976	1977	1978	1979
34. Earnings Per Employee	NT\$	-9,077	15,299	34,348	19,889	8,337	8,733
35. Unit Cost of Water Sold	NT\$/M <sup>3</sup>	2.29	2.55	2.91	3.44	3.56	3.55
36. Unit Price of Water Sold	NT\$/M <sup>3</sup>	1.96	2.64	3.30	3.32	3.28	3.27
37. Unit Profit/Loss from Sales	NT\$/M <sup>3</sup>	-0.33	0.09	0.39	-0.12	-0.28	-0.28
38. Return on Water Investment	%	-1.47	0.86	3.39	-0.93	-2.35	-2.77
39. Return on Equity	%	-0.56	2.48	4.86	2.34	0.89	0.88
40. Fixed Assets to Total Assets Ratio	%	82.15	83.05	79.96	85.12	92.10	92.95
41. Total Liabilities to Total Assets Ratio	%	27.02	40.10	44.63	46.17	50.58	50.33
42. Long-Term Liabilities to Total Liabilities Ratio	%	78.04	80.56	82.05	84.36	83.10	76.81
43. Net Worth Ratio	%	72.98	59.90	55.37	53.83	49.42	49.67
44. Debtequity Ratio	%	37.02	66.96	80.59	85.78	102.33	101.33
45. Fixed Ratio	%	112.56	138.66	144.40	158.14	186.35	187.15
46. Total Assets	Thousand NT\$	2,860,236	5,209,373	7,364,804	9,043,713	10,138,874	11,124,506
47. Total Liabilities	Thousand NT\$	772,840	2,089,161	3,286,620	4,175,681	5,127,882	5,599,067
48. Owner's Equity	Thousand NT\$	2,087,396	3,120,212	4,078,184	4,868,032	5,010,992	5,525,439
49. Operating Profit	Thousand NT\$	-1,073	117,401	294,570	358,764	364,456	425,679
50. Net Income	Thousand NT\$	-11,600	64,516	175,003	104,695	43,822	46,326
51. Interest Expense	Thousand NT\$	14,013	37,430	76,069	260,999	322,481	381,501
52. Salary and Wages	Thousand NT\$	97,556	314,483	454,347	542,495	627,531	765,959
53. Inventories	Thousand NT\$	174,962	238,983	283,663	282,041	255,392	310,125
54. Depreciation	Thousand NT\$	47,614	136,630	166,906	189,422	245,927	358,102
55. Added Value	Thousand NT\$	149,203	589,194	935,064	1,155,610	1,279,445	1,590,852

Annual Important Performance

Item	Unit	1980	1981	1982	1983	1984
1. Capacity of Water Supply System	M <sup>3</sup> /Day	...	...	...	...	...
2. Capacity of Water-Purification-Station	M <sup>3</sup> /Day	3,504,362	3,825,797	4,129,527	4,310,992	4,627,277
3. Average Yield Per Day	M <sup>3</sup>	2,167,588	2,376,201	2,620,487	2,879,785	2,994,419
4. Average Water Distributed Per Day	M <sup>3</sup>	2,139,073	2,338,304	2,581,957	2,825,223	2,961,489
5. Average Water Sold Per Day	M <sup>3</sup>	1,593,830	1,765,926	1,968,508	2,172,566	2,308,452
6. Yield	M <sup>3</sup>	793,337,387	867,313,209	956,477,657	1,051,121,564	1,095,957,410
7. Distributed Water	M <sup>3</sup>	782,900,812	853,480,779	942,414,123	1,031,206,336	1,083,904,966
8. Water Sold	M <sup>3</sup>	583,341,611	644,563,139	718,505,308	792,986,589	844,893,420
9. Actual Meter-Readings	M <sup>3</sup>	538,833,841	584,738,935	644,062,391	712,132,591	756,904,884
10. Percentage of Water Sold	%	74.51	75.52	76.24	76.90	77.95
11. Percentage of Actual Meter Readings	%	68.83	68.51	68.34	69.06	69.83
12. Percentage of NRW(Non-Revenue Water)	%	...	...	...	...	...
Percentage of Water Losses	%	...	...	...	...	...
Percentage of Unbilled Authorized Consumption	%	...	...	...	...	...
13. Administrative Population	Person	14,724,219	14,965,033	15,178,104	15,370,200	15,569,154
14. Designed Population	Person	10,306,802	10,811,124	11,440,126	11,955,171	12,495,006
15. Actual Population	Person	8,964,510	9,565,168	10,229,216	10,711,112	11,165,311
16. Percentage of Designed Population Served	%	70.00	72.24	75.37	77.78	80.25
17. Percentage of Actual Population Served	%	60.88	63.92	67.39	69.69	71.71
18. Length of Distributing Pipes	KM	15,439	18,056	20,574	21,911	23,763
19. Water Consumption Charge Revenue	Thousand NT\$	2,759,421	3,044,027	4,504,856	5,145,039	5,482,239
20. Households Connections	Households	1,619,689	1,828,830	2,044,528	2,201,946	2,354,013
21. Number of Employees	Person	5,951	6,410	6,654	6,751	6,815
22. Per Capita in Livelihood Yearly Distributed Water	M <sup>3</sup>	72.256	74.866	78.319	81.481	82.515
23. Per Capita in Livelihood Daily Distributed Water	M <sup>3</sup>	0.197	0.205	0.215	0.223	0.225
24. Per Capita in Livelihood Yearly Water Consumption	M <sup>3</sup>	53.841	56.538	59.712	62.654	64.317
25. Per Capita in Livelihood Daily Water Consumption	M <sup>3</sup>	0.147	0.155	0.164	0.172	0.176
26. Per Household in Livelihood Yearly Water Charges	NT\$	1,414	1,386	1,872	1,964	1,957
27. Per Household in Livelihood Monthly Water Charges	NT\$	118	116	156	164	163
28. Per Capita in Livelihood Yearly Water Charges	NT\$	246	256	364	396	405
29. Per Capita in Livelihood Monthly Water Charges	NT\$	20	21	30	33	34
30. Quantity of Water Sold Per Employee	M <sup>3</sup>	98,024	100,556	107,981	117,462	123,976
31. Households Afforded Per Employee	Households	272	285	307	326	345
32. Rate of Revenue	%	98.75	98.76	99.22	99.24	98.72
33. Sales Per Employee	NT\$	593,728	636,981	722,644	862,739	917,548

Annual Important Performance

Item	Unit	1980	1981	1982	1983	1984
34. Earnings Per Employee	NT\$	44,400	-16,248	6,512	78,294	54,497
35. Unit Cost of Water Sold	NT\$/M <sup>3</sup>	4.39	5.29	5.63	5.92	6.18
36. Unit Price of Water Sold	NT\$/M <sup>3</sup>	4.67	4.74	5.36	6.46	6.49
37. Unit Profit/Loss from Sales	NT\$/M <sup>3</sup>	0.28	-0.55	-0.27	0.54	0.31
38. Return on Water Investment	%	2.56	-3.97	-1.54	2.68	1.44
39. Return on Equity	%	4.08	-1.19	0.36	3.50	2.11
40. Fixed Assets to Total Assets Ratio	%	90.44	91.23	89.71	92.89	93.28
41. Total Liabilities to Total Assets Ratio	%	48.09	43.69	41.22	37.77	38.02
42. Long-Term Liabilities to Total Liabilities Ratio	%	82.56	77.90	84.83	81.15	87.71
43. Net Worth Ratio	%	51.91	56.31	58.78	62.23	61.98
44. Debtequity Ratio	%	92.65	77.60	70.13	60.70	61.35
45. Fixed Ratio	%	174.25	162.03	152.62	149.27	150.50
46. Total Assets	Thousand NT\$	13,214,905	17,755,860	23,156,492	26,722,119	29,814,378
47. Total Liabilities	Thousand NT\$	6,355,537	7,757,993	9,545,614	10,094,053	11,336,113
48. Owner's Equity	Thousand NT\$	6,859,368	9,997,867	13,610,878	16,628,066	18,478,265
49. Operating Profit	Thousand NT\$	877,872	567,815	715,010	1,326,357	1,359,826
50. Net Income	Thousand NT\$	252,502	-99,974	42,430	528,487	369,925
51. Interest Expense	Thousand NT\$	538,679	700,586	708,048	713,526	924,892
52. Salary and Wages	Thousand NT\$	938,883	1,250,920	1,500,566	1,668,278	1,775,617
53. Inventories	Thousand NT\$	504,891	802,970	781,811	723,576	478,667
54. Depreciation	Thousand NT\$	465,575	585,648	719,302	909,935	1,060,778
55. Added Value	Thousand NT\$	2,311,344	2,475,167	3,012,098	4,031,140	4,300,345

Annual Important Performance

Item	Unit	1985	1986	1987	1988	1989
1. Capacity of Water Supply System	M <sup>3</sup> /Day	...	...	...	...	...
2. Capacity of Water-Purification-Station	M <sup>3</sup> /Day	5,164,400	5,374,350	5,466,645	5,620,374	5,917,309
3. Average Yield Per Day	M <sup>3</sup>	3,228,176	3,424,717	3,704,370	4,072,990	4,413,129
4. Average Water Distributed Per Day	M <sup>3</sup>	3,223,382	3,407,992	3,691,506	4,052,986	4,398,530
5. Average Water Sold Per Day	M <sup>3</sup>	2,481,354	2,695,029	2,917,365	3,192,009	3,429,920
6. Yield	M <sup>3</sup>	1,178,284,418	1,250,021,786	1,352,094,988	1,490,714,269	1,610,791,978
7. Distributed Water	M <sup>3</sup>	1,176,534,442	1,243,916,916	1,347,399,718	1,483,392,954	1,605,463,323
8. Water Sold	M <sup>3</sup>	905,694,148	983,685,515	1,064,838,159	1,168,275,356	1,251,920,914
9. Actual Meter-Readings	M <sup>3</sup>	814,598,239	889,288,257	969,003,431	1,069,925,699	1,144,641,106
10. Percentage of Water Sold	%	76.98	79.08	79.03	78.76	77.98
11. Percentage of Actual Meter Readings	%	69.24	71.49	71.92	72.13	71.30
12. Percentage of NRW(Non-Revenue Water)	%	...	...	...	...	...
Percentage of Water Losses	%	...	...	...	...	...
Percentage of Unbilled Authorized Consumption	%	...	...	...	...	...
13. Administrative Population	Person	15,744,145	15,849,787	15,986,732	16,151,022	16,314,502
14. Designed Population	Person	12,829,896	13,324,401	13,668,566	13,969,360	14,225,673
15. Actual Population	Person	11,526,359	11,813,056	12,130,038	12,531,973	12,878,956
16. Percentage of Designed Population Served	%	81.49	84.07	85.50	86.49	87.20
17. Percentage of Actual Population Served	%	73.21	74.53	75.88	77.59	78.94
18. Length of Distributing Pipes	KM	25,452	23,427	24,944	26,471	27,651
19. Water Consumption Charge Revenue	Thousand NT\$	5,880,382	6,157,516	6,658,913	7,369,445	7,920,325
20. Households Connections	Households	2,489,354	2,611,345	2,738,520	2,890,295	3,036,623
21. Number of Employees	Person	6,971	7,061	6,996	6,943	6,970
22. Per Capita in Livelihood Yearly Distributed Water	M <sup>3</sup>	87.759	89.965	94.531	100.112	104.942
23. Per Capita in Livelihood Daily Distributed Water	M <sup>3</sup>	0.240	0.246	0.259	0.274	0.288
24. Per Capita in Livelihood Yearly Water Consumption	M <sup>3</sup>	67.559	71.141	74.703	78.841	81.837
25. Per Capita in Livelihood Daily Water Consumption	M <sup>3</sup>	0.185	0.195	0.205	0.215	0.224
26. Per Household in Livelihood Yearly Water Charges	NT\$	2,004	1,986	2,039	2,130	2,174
27. Per Household in Livelihood Monthly Water Charges	NT\$	167	166	170	177	181
28. Per Capita in Livelihood Yearly Water Charges	NT\$	426	432	453	482	502
29. Per Capita in Livelihood Monthly Water Charges	NT\$	35	36	38	40	42
30. Quantity of Water Sold Per Employee	M <sup>3</sup>	129,923	139,312	152,207	168,267	179,616
31. Households Afforded Per Employee	Households	357	370	391	416	436
32. Rate of Revenue	%	99.03	99.72	99.75	99.69	99.38
33. Sales Per Employee	NT\$	959,166	972,966	1,038,948	1,184,253	1,293,933

Annual Important Performance

Item	Unit	1985	1986	1987	1988	1989
34. Earnings Per Employee	NT\$	59,683	41,352	94,981	31,824	29,948
35. Unit Cost of Water Sold	NT\$/M <sup>3</sup>	6.21	6.28	5.66	6.41	6.40
36. Unit Price of Water Sold	NT\$/M <sup>3</sup>	6.50	6.40	6.21	6.28	6.31
37. Unit Profit/Loss from Sales	NT\$/M <sup>3</sup>	0.29	0.12	0.55	-0.13	-0.09
38. Return on Water Investment	%	1.22	0.47	2.07	-0.45	-0.33
39. Return on Equity	%	1.92	1.16	2.42	0.73	0.63
40. Fixed Assets to Total Assets Ratio	%	96.57	96.14	95.34	95.99	94.79
41. Total Liabilities to Total Assets Ratio	%	32.29	32.69	31.42	30.41	31.49
42. Long-Term Liabilities to Total Liabilities Ratio	%	85.56	88.52	87.24	85.19	85.61
43. Net Worth Ratio	%	67.71	67.31	68.58	69.59	68.51
44. Debtequity Ratio	%	47.68	48.56	45.82	43.69	45.97
45. Fixed Ratio	%	142.62	142.82	139.03	137.93	138.36
46. Total Assets	Thousand NT\$	35,935,219	38,681,857	42,182,065	45,630,206	50,633,055
47. Total Liabilities	Thousand NT\$	11,602,302	12,643,490	13,254,141	13,875,114	15,945,538
48. Owner's Equity	Thousand NT\$	24,332,917	26,038,367	28,927,924	31,755,092	34,687,697
49. Operating Profit	Thousand NT\$	1,356,684	1,135,462	1,443,671	884,956	1,004,927
50. Net Income	Thousand NT\$	410,140	291,990	666,104	221,115	208,528
51. Interest Expense	Thousand NT\$	873,470	790,511	609,586	633,054	690,581
52. Salary and Wages	Thousand NT\$	1,858,113	2,102,277	2,102,669	3,215,965	3,675,182
53. Inventories	Thousand NT\$	411,996	358,482	349,266	346,559	469,556
54. Depreciation	Thousand NT\$	1,212,200	1,339,863	1,439,242	1,577,116	1,690,896
55. Added Value	Thousand NT\$	4,537,174	4,677,032	5,084,374	5,793,957	6,426,980

Annual Important Performance

Item	Unit	1990	1991	1992	1993	1994
1. Capacity of Water Supply System	M <sup>3</sup> /Day	...	...	...	...	...
2. Capacity of Water-Purification-Station	M <sup>3</sup> /Day	5,996,189	6,434,490	6,883,920	7,333,710	8,075,610
3. Average Yield Per Day	M <sup>3</sup>	4,685,425	4,963,293	5,720,711	5,531,859	5,680,384
4. Average Water Distributed Per Day	M <sup>3</sup>	4,672,883	4,980,430	5,335,519	5,634,207	5,825,677
5. Average Water Sold Per Day	M <sup>3</sup>	3,666,423	3,897,298	4,008,902	4,287,451	4,455,078
6. Yield	M <sup>3</sup>	1,710,180,259	1,811,601,801	1,929,080,407	2,019,128,425	2,073,340,309
7. Distributed Water	M <sup>3</sup>	1,705,602,227	1,817,857,010	1,952,799,874	2,056,485,560	2,126,372,015
8. Water Sold	M <sup>3</sup>	1,338,244,514	1,422,513,799	1,467,258,226	1,564,919,759	1,626,103,519
9. Actual Meter-Readings	M <sup>3</sup>	1,219,087,155	1,306,615,916	1,360,225,970	1,444,119,693	1,500,611,441
10. Percentage of Water Sold	%	78.46	78.25	75.14	76.10	76.47
11. Percentage of Actual Meter Readings	%	71.48	71.88	69.66	70.22	70.57
12. Percentage of NRW(Non-Revenue Water)	%	...	...	...	...	...
Percentage of Water Losses	%	...	...	...	...	...
Percentage of Unbilled Authorized Consumption	%	...	...	...	...	...
13. Administrative Population	Person	16,520,291	16,700,088	16,903,702	17,126,944	17,316,234
14. Designed Population	Person	14,430,860	14,664,195	14,960,742	15,182,045	15,571,357
15. Actual Population	Person	13,221,879	13,494,748	13,839,979	14,281,175	14,708,173
16. Percentage of Designed Population Served	%	87.35	87.81	88.51	88.64	89.92
17. Percentage of Actual Population Served	%	80.03	80.81	81.88	83.38	84.94
18. Length of Distributing Pipes	KM	29,064	30,230	31,786	33,886	37,745
19. Water Consumption Charge Revenue	Thousand NT\$	8,477,462	9,982,855	12,541,971	13,634,149	14,649,937
20. Households Connections	Households	3,180,655	3,319,000	3,475,846	3,722,008	4,059,904
21. Number of Employees	Person	6,950	6,898	6,818	6,719	6,687
22. Per Capita in Livelihood Yearly Distributed Water	M <sup>3</sup>	108.920	112.583	116.848	119.713	119.898
23. Per Capita in Livelihood Daily Distributed Water	M <sup>3</sup>	0.298	0.308	0.319	0.328	0.328
24. Per Capita in Livelihood Yearly Water Consumption	M <sup>3</sup>	85.460	88.103	87.795	91.093	91.693
25. Per Capita in Livelihood Daily Water Consumption	M <sup>3</sup>	0.234	0.241	0.240	0.250	0.251
26. Per Household in Livelihood Yearly Water Charges	NT\$	2,232	2,473	2,896	2,994	2,964
27. Per Household in Livelihood Monthly Water Charges	NT\$	186	206	241	249	247
28. Per Capita in Livelihood Yearly Water Charges	NT\$	526	595	711	755	784
29. Per Capita in Livelihood Monthly Water Charges	NT\$	44	50	59	63	65
30. Quantity of Water Sold Per Employee	M <sup>3</sup>	192,553	206,221	215,204	232,910	243,174
31. Households Afforded Per Employee	Households	458	481	510	554	607
32. Rate of Revenue	%	99.61	99.45	99.30	99.26	99.22
33. Sales Per Employee	NT\$	1,399,798	1,523,704	1,810,825	2,408,548	2,745,635

Annual Important Performance

Item	Unit	1990	1991	1992	1993	1994
34. Earnings Per Employee	NT\$	20,149	7,611	74,919	-27,979	103,468
35. Unit Cost of Water Sold	NT\$/M <sup>3</sup>	6.61	6.64	7.14	8.94	9.34
36. Unit Price of Water Sold	NT\$/M <sup>3</sup>	6.33	6.35	7.13	8.72	8.68
37. Unit Profit/Loss from Sales	NT\$/M <sup>3</sup>	-0.27	-0.29	-0.01	-0.22	-0.66
38. Return on Water Investment	%	-0.97	-1.03	-0.03	-0.71	-1.64
39. Return on Equity	%	0.38	0.13	1.15	-0.39	1.06
40. Fixed Assets to Total Assets Ratio	%	93.54	91.00	90.26	93.73	94.77
41. Total Liabilities to Total Assets Ratio	%	33.74	38.05	39.74	41.49	49.31
42. Long-Term Liabilities to Total Liabilities Ratio	%	86.18	88.74	84.93	74.99	86.80
43. Net Worth Ratio	%	66.26	61.95	60.26	58.51	50.69
44. Debtequity Ratio	%	50.93	61.41	65.94	70.90	97.30
45. Fixed Ratio	%	141.19	146.88	149.77	160.18	186.98
46. Total Assets	Thousand NT\$	57,649,720	67,754,849	77,898,242	86,391,090	157,314,696
47. Total Liabilities	Thousand NT\$	19,453,595	25,778,493	30,954,629	35,840,262	77,579,254
48. Owner's Equity	Thousand NT\$	38,196,125	41,976,356	46,943,796	50,550,828	79,735,442
49. Operating Profit	Thousand NT\$	952,377	910,905	1,869,648	2,737,433	3,326,299
50. Net Income	Thousand NT\$	139,853	52,809	513,272	-189,193	690,440
51. Interest Expense	Thousand NT\$	769,899	731,396	872,496	1,790,891	2,373,182
52. Salary and Wages	Thousand NT\$	3,849,218	4,528,648	4,866,538	6,437,681	7,094,126
53. Inventories	Thousand NT\$	480,985	476,266	381,568	473,209	639,657
54. Depreciation	Thousand NT\$	1,756,477	1,807,842	2,024,809	2,272,012	2,543,874
55. Added Value	Thousand NT\$	6,667,852	7,259,555	8,596,198	10,543,130	13,057,544

Annual Important Performance

Item	Unit	1995	1996	1997	1998	1999
1. Capacity of Water Supply System	M <sup>3</sup> /Day	...	...	...	...	...
2. Capacity of Water-Purification-Station	M <sup>3</sup> /Day	8,444,940	8,508,620	8,621,420	8,696,035	8,906,825
3. Average Yield Per Day	M <sup>3</sup>	5,702,687	5,789,569	6,136,010	6,353,095	6,675,726
4. Average Water Distributed Per Day	M <sup>3</sup>	5,860,349	5,997,577	6,284,289	6,515,381	6,834,062
5. Average Water Sold Per Day	M <sup>3</sup>	4,680,977	4,875,742	5,003,560	5,009,213	5,163,818
6. Yield	M <sup>3</sup>	2,081,480,615	2,118,982,235	2,239,643,755	2,318,879,706	2,436,639,978
7. Distributed Water	M <sup>3</sup>	2,139,027,452	2,195,113,081	2,293,765,435	2,378,114,042	2,494,432,792
8. Water Sold	M <sup>3</sup>	1,708,556,524	1,784,521,568	1,826,299,531	1,828,362,684	1,884,793,532
9. Actual Meter-Readings	M <sup>3</sup>	1,590,143,685	1,634,195,636	1,738,590,335	1,820,371,639	1,877,391,601
10. Percentage of Water Sold	%	79.88	81.30	79.62	76.88	75.56
11. Percentage of Actual Meter Readings	%	74.34	74.45	75.80	76.55	75.26
12. Percentage of NRW(Non-Revenue Water)	%	...	...	...	...	...
Percentage of Water Losses	%	...	...	...	...	...
Percentage of Unbilled Authorized Consumption	%	...	...	...	...	...
13. Administrative Population	Person	17,503,028	17,700,880	17,911,925	18,054,256	18,207,692
14. Designed Population	Person	15,785,974	16,020,333	16,278,041	16,483,628	16,708,482
15. Actual Population	Person	14,981,612	15,338,138	15,658,464	15,892,537	16,095,139
16. Percentage of Designed Population Served	%	90.19	90.51	90.88	91.30	91.77
17. Percentage of Actual Population Served	%	85.59	86.65	87.42	88.03	88.40
18. Length of Distributing Pipes	KM	40,870	43,146	45,500	48,665	50,734
19. Water Consumption Charge Revenue	Thousand NT\$	16,269,355	16,717,345	18,120,540	19,431,666	20,086,022
20. Households Connections	Households	4,385,224	4,631,194	4,828,910	5,001,453	5,161,229
21. Number of Employees	Person	6,599	6,616	6,518	6,274	6,180
22. Per Capita in Livelihood Yearly Distributed Water	M <sup>3</sup>	114.769	117.460	118.697	119.919	123.927
23. Per Capita in Livelihood Daily Distributed Water	M <sup>3</sup>	0.314	0.321	0.325	0.329	0.340
24. Per Capita in Livelihood Yearly Water Consumption	M <sup>3</sup>	91.671	95.486	94.501	92.201	93.636
25. Per Capita in Livelihood Daily Water Consumption	M <sup>3</sup>	0.251	0.261	0.259	0.253	0.257
26. Per Household in Livelihood Yearly Water Charges	NT\$	2,951	2,888	2,986	3,106	3,100
27. Per Household in Livelihood Monthly Water Charges	NT\$	246	241	249	259	258
28. Per Capita in Livelihood Yearly Water Charges	NT\$	827	846	898	954	971
29. Per Capita in Livelihood Monthly Water Charges	NT\$	69	71	75	79	81
30. Quantity of Water Sold Per Employee	M <sup>3</sup>	258,911	269,728	280,193	291,419	304,983
31. Households Afforded Per Employee	Households	665	700	741	797	835
32. Rate of Revenue	%	98.39	94.25	93.84	93.39	98.70
33. Sales Per Employee	NT\$	3,053,108	3,099,304	3,056,620	3,374,732	3,642,731

Annual Important Performance

Item	Unit	1995	1996	1997	1998	1999
34. Earnings Per Employee	NT\$	190,802	58,716	64,729	50,162	94,609
35. Unit Cost of Water Sold	NT\$/M <sup>3</sup>	10.04	9.88	9.33 (9.84)	10.87	11.00
36. Unit Price of Water Sold	NT\$/M <sup>3</sup>	9.40	9.38	8.82 (9.35)	10.62	10.66
37. Unit Profit/Loss from Sales	NT\$/M <sup>3</sup>	-0.64	-0.50	-0.51 (-0.49)	-0.25	-0.34
38. Return on Water Investment	%	-1.29	-0.98	-0.94	-0.42	-0.55
39. Return on Equity	%	1.54	0.43	0.42	0.30	0.52
40. Fixed Assets to Total Assets Ratio	%	96.14	92.17	92.01	91.17	91.34
41. Total Liabilities to Total Assets Ratio	%	50.74	52.20	47.10	47.23	45.20
42. Long-Term Liabilities to Total Liabilities Ratio	%	78.33	79.96	87.58	87.95	86.20
43. Net Worth Ratio	%	49.26	47.80	52.90	52.77	54.80
44. Debtequity Ratio	%	103.01	109.21	89.02	89.49	82.49
45. Fixed Ratio	%	195.18	192.83	173.93	172.77	166.68
46. Total Assets	Thousand NT\$	173,289,740	194,463,292	202,153,345	210,187,549	218,237,617
47. Total Liabilities	Thousand NT\$	87,930,021	101,513,023	95,207,087	99,266,777	98,645,662
48. Owner's Equity	Thousand NT\$	85,359,719	92,950,269	106,946,258	110,920,772	119,591,955
49. Operating Profit	Thousand NT\$	3,705,698	3,420,509	3,579,140	3,828,549	3,737,709
50. Net Income	Thousand NT\$	1,268,453	384,941	424,558	324,797	596,129
51. Interest Expense	Thousand NT\$	2,699,964	2,429,761	2,634,208	2,839,253	2,930,120
52. Salary and Wages	Thousand NT\$	7,788,700	7,390,067	7,399,141	7,030,845	7,539,501
53. Inventories	Thousand NT\$	727,012	824,436	594,584	529,234	546,358
54. Depreciation	Thousand NT\$	3,053,877	3,694,476	3,541,805	4,816,635	5,227,131
55. Added Value	Thousand NT\$	15,284,734	14,227,714	14,491,793	15,433,093	16,783,344

Annual Important Performance

Item	Unit	2000	2001	2002	2003	2004
1.Capacity of Water Supply System	M <sup>3</sup> /Day	...	...	...	...	10,555,630
2.Capacity of Water-Purification-Station	M <sup>3</sup> /Day	9,078,105	9,437,610	9,610,556	11,194,380	12,214,740
3.Average Yield Per Day	M <sup>3</sup>	7,640,258	7,879,030	7,687,052	7,843,380	7,866,122
4.Average Water Distributed Per Day	M <sup>3</sup>	7,774,422	8,030,865	7,890,548	8,107,746	8,145,280
5.Average Water Sold Per Day	M <sup>3</sup>	5,341,234	5,456,853	5,381,313	5,492,873	5,619,154
6.Yield	M <sup>3</sup>	2,796,334,287	2,875,845,981	2,805,774,102	2,862,833,862	2,879,000,733
7.Distributed Water	M <sup>3</sup>	2,845,438,541	2,931,265,573	2,880,050,003	2,959,327,403	2,981,172,447
8.Water Sold	M <sup>3</sup>	1,954,891,602	1,991,751,339	1,964,179,173	2,004,898,544	2,056,610,319
9.Actual Meter-Readings	M <sup>3</sup>	1,946,879,600	1,980,953,513	1,955,505,389	2,000,069,396	2,054,880,445
10.Percentage of Water Sold	%	68.70	67.95	68.20	67.75	68.99
11.Percentage of Actual Meter Readings	%	68.42	67.58	67.90	67.59	68.93
12.Percentage of NRW(Non-Revenue Water)	%	31.58	32.42	32.10	32.41	31.07
Percentage of Water Losses	%	24.58	24.60	24.57	24.58	23.78
Percentage of Unbilled Authorized Consumption	%	7.00	7.82	7.53	7.83	7.29
13.Administrative Population	Person	18,371,861	18,497,289	18,596,416	18,683,337	18,761,732
14.Designed Population	Person	16,948,042	17,124,002	17,254,840	17,429,615	17,512,900
15. Actual Population	Person	16,278,421	16,403,837	16,548,877	16,656,087	16,812,491
16.Percentage of Designed Population Served	%	92.25	92.58	92.79	93.29	93.34
17.Percentage of Actual Population Served	%	88.61	88.68	88.99	89.15	89.61
18.Length of Distributing Pipes	KM	52,515	54,006	54,983	56,577	57,033
19.Water Consumption Charge Revenue	Thousand NT\$	20,959,820	21,376,684	21,082,276	21,589,235	22,039,862
20.Households Connections	Households	5,271,646	5,349,988	5,424,515	5,522,789	5,632,866
21.Number of Employees	Person	6,038	6,007	5,864	5,647	5,443
22.Per Capita in Livelihood Yearly Distributed Water	M <sup>3</sup>	137.624	141.943	138.441	140.458	137.851
23. Per Capita in Livelihood Daily Distributed Water	M <sup>3</sup>	0.376	0.389	0.379	0.385	0.377
24.Per Capita in Livelihood Yearly Water Consumption	M <sup>3</sup>	94.551	96.446	94.420	95.157	95.104
25.Per Capita in Livelihood Daily Water Consumption	M <sup>3</sup>	0.258	0.264	0.259	0.261	0.260
26.Per Household in Livelihood Yearly Water Charges	NT\$	3,100	3,150	3,069	3,074	3,025
27.Per Household in Livelihood Monthly Water Charges	NT\$	258	262	256	256	252
28.Per Capita in Livelihood Yearly Water Charges	NT\$	985	1,010	990	1,000	995
29.Per Capita in Livelihood Monthly Water Charges	NT\$	82	84	83	83	83
30.Quantity of Water Sold Per Employee	M <sup>3</sup>	323,765	331,572	334,956	355,038	377,845
31.Households Afforded Per Employee	Households	873	891	925	978	1,035
32.Rate of Revenue	%	99.12	98.87	99.00	99.11	99.30
33.Sales Per Employee	NT\$	5,710,536	3,827,922	3,853,576	4,125,015	4,415,259

Annual Important Performance

Item	Unit	2000	2001	2002	2003	2004
34. Earnings Per Employee	NT\$	15,059	65,326	15,894	19,334	1,780
35. Unit Cost of Water Sold	NT\$/M <sup>3</sup>	10.51	10.44	10.94	10.74	11.01
36. Unit Price of Water Sold	NT\$/M <sup>3</sup>	10.71	10.73	10.73	10.77	10.72
37. Unit Profit/Loss from Sales	NT\$/M <sup>3</sup>	0.20	0.29	-0.21	0.03	-0.29
38. Return on Water Investment	%	0.49	0.45	-0.30	0.03	-0.42
39. Return on Equity	%	0.07	0.30	0.07	0.08	0.01
40. Fixed Assets to Total Assets Ratio	%	92.34	92.95	92.84	93.06	93.22
41. Total Liabilities to Total Assets Ratio	%	44.32	43.89	43.47	42.46	41.47
42. Long-Term Liabilities to Total Liabilities Ratio	%	87.57	87.24	88.08	84.24	83.73
43. Net Worth Ratio	%	55.68	56.11	56.53	57.54	58.53
44. Debtequity Ratio	%	79.58	78.21	76.90	73.80	70.86
45. Fixed Ratio	%	165.83	165.64	164.24	161.73	159.28
46. Total Assets	Thousand NT\$	223,649,712	240,789,718	245,651,532	248,270,098	247,605,297
47. Total Liabilities	Thousand NT\$	99,111,939	105,675,976	106,787,375	105,422,336	102,691,464
48. Owner's Equity	Thousand NT\$	124,537,773	135,113,742	138,864,157	142,847,762	144,913,833
49. Operating Profit	Thousand NT\$	5,575,935	3,570,984	1,291,103	1,498,117	791,368
50. Net Income	Thousand NT\$	90,925	392,415	93,202	109,179	9,688
51. Interest Expense	Thousand NT\$	4,010,071	2,536,476	1,287,872	882,147	797,970
52. Salary and Wages	Thousand NT\$	11,237,686	7,644,706	7,550,833	7,389,708	7,166,137
53. Inventories	Thousand NT\$	426,457	352,394	283,332	316,362	272,915
54. Depreciation	Thousand NT\$	8,334,979	5,876,335	6,149,455	6,821,580	7,040,876
55. Added Value	Thousand NT\$	24,301,164	16,996,255	15,533,158	15,711,040	15,419,991

## Annual Important Performance

Item	Unit	2005	2006	2007	2008	2009
1. Capacity of Water Supply System	M <sup>3</sup> /Day	10,380,180	10,531,240	10,455,650	10,460,560	10,777,620
2. Capacity of Water-Purification-Station	M <sup>3</sup> /Day	12,200,828	12,468,638	12,212,868	12,336,018	12,688,418
3. Average Yield Per Day	M <sup>3</sup>	8,154,072	8,221,888	8,333,417	8,191,970	7,940,910
4. Average Water Distributed Per Day	M <sup>3</sup>	8,348,548	8,535,126	8,629,342	8,473,810	8,307,582
5. Average Water Sold Per Day	M <sup>3</sup>	5,737,753	5,918,606	6,013,472	6,019,787	5,782,762
6. Yield	M <sup>3</sup>	2,976,236,452	3,000,989,220	3,041,697,209	2,998,261,037	2,898,432,285
7. Distributed Water	M <sup>3</sup>	3,047,219,999	3,115,321,070	3,149,709,952	3,101,414,351	3,032,267,573
8. Water Sold	M <sup>3</sup>	2,094,279,812	2,160,291,286	2,194,917,288	2,203,242,019	2,110,707,987
9. Actual Meter-Readings	M <sup>3</sup>	2,093,351,103	2,159,559,945	2,194,321,839	2,201,884,484	2,109,339,085
10. Percentage of Water Sold	%	68.73	69.34	69.69	71.04	69.61
11. Percentage of Actual Meter Readings	%	68.70	69.32	69.67	71.00	69.56
12. Percentage of NRW(Non-Revenue Water)	%	31.30	30.68	30.31	28.96	30.39
Percentage of Water Losses	%	23.66	23.45	23.11	21.95	21.45
Percentage of Unbilled Authorized Consumption	%	7.64	7.23	7.20	7.01	8.94
13. Administrative Population	Person	18,836,882	18,917,224	18,994,905	19,073,097	19,155,092
14. Designed Population	Person	17,584,260	17,706,560	17,787,110	17,864,390	17,988,010
15. Actual Population	Person	16,953,918	17,082,199	17,191,993	17,300,119	17,377,812
16. Percentage of Designed Population Served	%	93.35	93.60	93.64	93.66	93.91
17. Percentage of Actual Population Served	%	90.00	90.30	90.51	90.70	90.72
18. Length of Distributing Pipes	KM	55,761	55,286	55,357	55,789	56,257
19. Water Consumption Charge Revenue	Thousand NT\$	22,557,575	23,335,518	23,791,970	23,967,379	22,800,208
20. Households Connections	Households	5,752,444	5,884,870	6,014,175	6,119,270	6,201,705
21. Number of Employees	Person	5,450	5,397	5,446	5,529	5,465
22. Per Capita in Livelihood Yearly Distributed Water	M <sup>3</sup>	139.012	139.693	138.967	134.407	135.079
23. Per Capita in Livelihood Daily Distributed Water	M <sup>3</sup>	0.381	0.383	0.381	0.367	0.370
24. Per Capita in Livelihood Yearly Water Consumption	M <sup>3</sup>	95.535	96.864	96.837	95.486	94.023
25. Per Capita in Livelihood Daily Water Consumption	M <sup>3</sup>	0.262	0.265	0.265	0.261	0.258
26. Per Household in Livelihood Yearly Water Charges	NT\$	3,018	3,025	2,986	2,920	2,829
27. Per Household in Livelihood Monthly Water Charges	NT\$	252	252	249	243	236
28. Per Capita in Livelihood Yearly Water Charges	NT\$	1,005	1,021	1,024	1,015	993
29. Per Capita in Livelihood Monthly Water Charges	NT\$	84	85	85	85	83
30. Quantity of Water Sold Per Employee	M <sup>3</sup>	384,272	400,276	403,033	398,488	386,223
31. Households Afforded Per Employee	Households	1,055	1,090	1,104	1,107	1,135
32. Rate of Revenue	%	99.31	99.17	99.30	99.39	99.41
33. Sales Per Employee	NT\$	4,565,996	4,789,112	4,841,393	4,734,485	4,510,494

Annual Important Performance

Item	Unit	2005	2006	2007	2008	2009
34. Earnings Per Employee	NT\$	81,815	54,816	41,062	16,010	-213,536
35. Unit Cost of Water Sold	NT\$/M <sup>3</sup>	10.70	10.91	10.89	11.01	11.41
36. Unit Price of Water Sold	NT\$/M <sup>3</sup>	10.77	10.80	10.84	10.88	10.80
37. Unit Profit/Loss from Sales	NT\$/M <sup>3</sup>	0.07	-0.11	-0.05	-0.13	-0.61
38. Return on Water Investment	%	0.10	-0.16	-0.07	-0.19	-0.80
39. Return on Equity	%	0.31	0.20	0.15	0.06	-0.72
40. Fixed Assets to Total Assets Ratio	%	93.54	93.76	94.24	94.06	94.33
41. Total Liabilities to Total Assets Ratio	%	40.41	40.08	39.73	39.37	33.73
42. Long-Term Liabilities to Total Liabilities Ratio	%	83.84	78.93	77.25	77.49	67.10
43. Net Worth Ratio	%	59.59	59.92	60.27	60.63	66.27
44. Debtequity Ratio	%	67.81	66.88	65.93	64.94	50.90
45. Fixed Ratio	%	156.97	156.48	156.37	155.14	142.34
46. Total Assets	Thousand NT\$	246,338,109	248,888,239	248,395,741	250,174,615	257,624,576
47. Total Liabilities	Thousand NT\$	99,546,314	99,747,698	98,698,793	98,499,077	86,895,255
48. Owner's Equity	Thousand NT\$	146,791,795	149,140,541	149,696,949	151,675,538	170,729,321
49. Operating Profit	Thousand NT\$	1,572,688	1,431,313	1,657,069	1,457,019	-221,164
50. Net Income	Thousand NT\$	445,889	295,843	223,623	88,520	-1,166,972
51. Interest Expense	Thousand NT\$	831,118	884,968	1,002,522	1,070,155	401,352
52. Salary and Wages	Thousand NT\$	7,558,836	7,733,387	7,723,325	7,304,694	7,110,728
53. Inventories	Thousand NT\$	288,763	311,622	320,157	406,220	417,463
54. Depreciation	Thousand NT\$	6,993,493	7,083,991	7,172,684	7,120,625	7,198,256
55. Added Value	Thousand NT\$	16,256,742	16,447,863	16,609,063	16,038,415	13,710,420

Annual Important Performance

Item	Unit	2010	2011	2012	2013	2014
1. Capacity of Water Supply System	M <sup>3</sup> /Day	10,808,340	10,909,142	10,892,962	11,047,152	11,233,359
2. Capacity of Water-Purification-Station	M <sup>3</sup> /Day	12,742,878	13,041,072	13,014,672	13,142,632	13,435,992
3. Average Yield Per Day	M <sup>3</sup>	8,167,833	8,199,828	8,250,868	8,283,063	8,421,142
4. Average Water Distributed Per Day	M <sup>3</sup>	8,480,613	8,524,126	8,511,905	8,572,512	8,758,582
5. Average Water Sold Per Day	M <sup>3</sup>	6,053,751	6,112,882	6,158,592	6,289,653	6,469,373
6. Yield	M <sup>3</sup>	2,981,258,972	2,992,937,146	3,019,817,591	3,023,318,112	3,073,716,977
7. Distributed Water	M <sup>3</sup>	3,095,423,908	3,111,306,169	3,115,357,317	3,128,966,961	3,196,882,307
8. Water Sold	M <sup>3</sup>	2,209,619,278	2,231,201,828	2,254,044,536	2,295,723,519	2,361,321,222
9. Actual Meter-Readings	M <sup>3</sup>	2,208,504,780	2,230,043,316	2,253,258,528	2,295,170,117	2,360,909,622
10. Percentage of Water Sold	%	71.38	71.71	72.35	73.37	73.86
11. Percentage of Actual Meter Readings	%	71.35	71.68	72.33	73.35	73.85
12. Percentage of NRW(Non-Revenue Water)	%	28.62	28.29	27.65	26.63	26.14
Percentage of Water Losses	%	20.51	20.19	19.55	18.53	18.04
Percentage of Unbilled Authorized Consumption	%	8.11	8.10	8.10	8.10	8.10
13. Administrative Population	Person	19,181,550	19,206,576	19,263,460	19,300,031	19,338,858
14. Designed Population	Person	18,033,020	18,093,990	18,227,961	18,347,861	19,156,568
15. Actual Population	Person	17,428,900	17,498,822	17,591,953	17,671,405	17,754,301
16. Percentage of Designed Population Served	%	94.01	94.21	94.62	95.07	99.06
17. Percentage of Actual Population Served	%	90.86	91.11	91.32	91.56	91.81
18. Length of Distributing Pipes	KM	57,210	57,753	58,123	58,944	59,288
19. Water Consumption Charge Revenue	Thousand NT\$	24,060,360	24,326,123	24,610,556	25,103,560	25,885,027
20. Households Connections	Households	6,281,636	6,365,990	6,452,171	6,550,080	6,650,695
21. Number of Employees	Person	5,415	5,474	5,511	5,492	5,518
22. Per Capita in Livelihood Yearly Distributed Water	M <sup>3</sup>	132.242	131.159	129.796	128.998	130.255
23. Per Capita in Livelihood Daily Distributed Water	M <sup>3</sup>	0.362	0.359	0.355	0.353	0.357
24. Per Capita in Livelihood Yearly Water Consumption	M <sup>3</sup>	94.395	94.054	93.910	94.646	96.213
25. Per Capita in Livelihood Daily Water Consumption	M <sup>3</sup>	0.259	0.258	0.257	0.259	0.264
26. Per Household in Livelihood Yearly Water Charges	NT\$	2,829	2,796	2,771	2,773	2,795
27. Per Household in Livelihood Monthly Water Charges	NT\$	236	233	231	231	233
28. Per Capita in Livelihood Yearly Water Charges	NT\$	1,003	1,000	999	1,009	1,027
29. Per Capita in Livelihood Monthly Water Charges	NT\$	84	83	83	84	86
30. Quantity of Water Sold Per Employee	M <sup>3</sup>	408,055	407,600	409,008	418,012	427,931
31. Households Afforded Per Employee	Households	1,160	1,163	1,171	1,193	1,205
32. Rate of Revenue	%	99.42	99.48	99.35	99.45	99.50
33. Sales Per Employee	NT\$	4,798,223	4,837,070	4,852,095	5,011,878	5,136,743

Annual Important Performance

Item	Unit	2010	2011	2012	2013	2014
34. Earnings Per Employee	NT\$	-24,538	-59,909	-71,747	13,023	11,349
35. Unit Cost of Water Sold	NT\$/M <sup>3</sup>	11.06	11.18	11.14	11.12	11.13
36. Unit Price of Water Sold	NT\$/M <sup>3</sup>	10.89	10.90	10.92	10.93	10.96
37. Unit Profit/Loss from Sales	NT\$/M <sup>3</sup>	-0.17	-0.28	-0.22	-0.19	-0.17
38. Return on Water Investment	%	-0.21	-0.35	-0.28	-0.24	-0.23
39. Return on Equity	%	-0.08	-0.18	-0.22	0.04	0.04
40. Fixed Assets to Total Assets Ratio	%	94.76	95.21	95.22	97.20	97.33
41. Total Liabilities to Total Assets Ratio	%	32.83	33.05	34.31	35.80	36.88
42. Long-Term Liabilities to Total Liabilities Ratio	%	70.16	65.88	64.03	35.80	36.38
43. Net Worth Ratio	%	67.17	66.95	65.69	64.20	63.12
44. Debtequity Ratio	%	48.88	49.37	52.23	55.76	58.43
45. Fixed Ratio	%	141.08	142.22	144.95	151.41	154.20
46. Total Assets	Thousand NT\$	265,341,554	269,901,094	274,913,702	274,392,450	282,544,273
47. Total Liabilities	Thousand NT\$	87,117,072	89,206,092	94,320,922	98,233,468	104,199,869
48. Owner's Equity	Thousand NT\$	178,224,482	180,695,003	180,592,780	176,158,982	178,344,404
49. Operating Profit	Thousand NT\$	647,573	614,322	761,145	1,080,192	1,121,997
50. Net Income	Thousand NT\$	-132,873	-327,943	-395,400	71,521	62,625
51. Interest Expense	Thousand NT\$	372,787	489,684	533,864	637,517	619,318
52. Salary and Wages	Thousand NT\$	7,096,994	7,221,827	7,285,007	6,772,317	6,692,227
53. Inventories	Thousand NT\$	496,077	476,674	481,907	450,826	400,665
54. Depreciation	Thousand NT\$	7,324,584	7,590,343	7,701,835	7,915,615	7,842,703
55. Added Value	Thousand NT\$	15,221,251	15,304,687	15,483,376	15,820,047	15,640,079

Annual Important Performance

Item	Unit	2015	2016	2017	2018
1. Capacity of Water Supply System	M <sup>3</sup> /Day	11,410,963	11,419,323	11,820,453	11,797,679
2. Capacity of Water-Purification-Station	M <sup>3</sup> /Day	13,414,732	13,779,752	13,927,402	13,884,102
3. Average Yield Per Day	M <sup>3</sup>	8,157,880	8,328,504	8,341,621	8,282,566
4. Average Water Distributed Per Day	M <sup>3</sup>	8,544,961	8,627,029	8,785,118	8,809,486
5. Average Water Sold Per Day	M <sup>3</sup>	6,431,885	6,534,189	6,712,509	6,771,613
6. Yield	M <sup>3</sup>	2,977,626,123	3,048,232,453	3,044,691,770	3,023,136,586
7. Distributed Water	M <sup>3</sup>	3,118,910,636	3,157,492,464	3,206,568,147	3,215,462,426
8. Water Sold	M <sup>3</sup>	2,347,637,933	2,391,513,349	2,450,065,906	2,471,638,612
9. Actual Meter-Readings	M <sup>3</sup>	2,347,259,415	2,391,201,401	2,449,680,081	2,470,739,684
10. Percentage of Water Sold	%	75.27	75.74	76.41	76.87
11. Percentage of Actual Meter Readings	%	75.26	75.73	76.40	76.84
12. Percentage of NRW(Non-Revenue Water)	%	24.73	24.26	23.59	23.13
Percentage of Water Losses	%	16.63	16.16	15.49	15.03
Percentage of Unbilled Authorized Consumption	%	8.10	8.10	8.10	8.10
13. Administrative Population	Person	19,392,317	19,444,559	19,487,800	19,521,823
14. Designed Population	Person	18,734,288	18,900,053	18,912,489	18,962,179
15. Actual Population	Person	17,876,689	17,987,131	18,076,123	18,162,702
16. Percentage of Designed Population Served	%	96.61	97.20	97.05	97.13
17. Percentage of Actual Population Served	%	92.18	92.50	92.76	93.04
18. Length of Distributing Pipes	KM	59,972	60,539	61,458	62,369
19. Water Consumption Charge Revenue	Thousand NT\$	25,651,249	26,206,184	26,923,059	27,176,825
20. Households Connections	Households	6,761,673	6,875,844	6,982,040	7,094,610
21. Number of Employees	Person	5,514	5,495	5,314	5,686
22. Per Capita in Livelihood Yearly Distributed Water	M <sup>3</sup>	127.414	128.206	128.233	128.552
23. Per Capita in Livelihood Daily Distributed Water	M <sup>3</sup>	0.349	0.350	0.351	0.352
24. Per Capita in Livelihood Yearly Water Consumption	M <sup>3</sup>	95.911	97.110	97.974	98.812
25. Per Capita in Livelihood Daily Water Consumption	M <sup>3</sup>	0.263	0.265	0.268	0.271
26. Per Household in Livelihood Yearly Water Charges	NT\$	2,752	2,768	2,771	2,771
27. Per Household in Livelihood Monthly Water Charges	NT\$	229	231	231	231
28. Per Capita in Livelihood Yearly Water Charges	NT\$	1,021	1,037	1,048	1,059
29. Per Capita in Livelihood Monthly Water Charges	NT\$	85	86	87	88
30. Quantity of Water Sold Per Employee	M <sup>3</sup>	425,760	435,216	461,059	434,688
31. Households Afforded Per Employee	Households	1,226	1,251	1,314	1,248
32. Rate of Revenue	%	99.50	99.43	99.52	99.53
33. Sales Per Employee	NT\$	5,141,202	5,253,488	5,583,022	5,289,103

Annual Important Performance

Item	Unit	2015	2016	2017	2018
34. Earnings Per Employee	NT\$	-327,586	236,212	66,247	69,109
35. Unit Cost of Water Sold	NT\$/M <sup>3</sup>	11.91	10.95	10.77	11.26
36. Unit Price of Water Sold	NT\$/M <sup>3</sup>	10.93	10.96	10.99	11.00
37. Unit Profit/Loss from Sales	NT\$/M <sup>3</sup>	-0.98	0.01	0.22	-0.26
38. Return on Water Investment	%	-1.29	0.01	0.29	-0.35
39. Return on Equity	%	-1.01	0.72	0.19	0.21
40. Fixed Assets to Total Assets Ratio	%	97.47	97.50	97.77	97.76
41. Total Liabilities to Total Assets Ratio	%	38.33	38.50	38.94	39.30
42. Long-Term Liabilities to Total Liabilities Ratio	%	37.94	35.95	34.61	45.61
43. Net Worth Ratio	%	61.67	61.50	61.06	60.70
44. Debtequity Ratio	%	62.16	62.61	63.79	64.75
45. Fixed Ratio	%	158.05	158.55	160.13	161.06
46. Total Assets	Thousand NT\$	289,560,608	296,713,018	303,199,217	309,675,472
47. Total Liabilities	Thousand NT\$	110,991,685	114,246,141	118,079,439	121,711,897
48. Owner's Equity	Thousand NT\$	178,568,923	182,466,877	185,119,778	187,963,574
49. Operating Profit	Thousand NT\$	-704,229	1,611,587	2,106,114	1,027,293
50. Net Income	Thousand NT\$	-1,806,310	1,297,983	352,036	392,955
51. Interest Expense	Thousand NT\$	607,607	536,022	502,094	513,258
52. Salary and Wages	Thousand NT\$	8,047,746	6,531,601	6,317,992	6,551,370
53. Inventories	Thousand NT\$	470,214	487,192	413,763	497,368
54. Depreciation	Thousand NT\$	7,910,268	7,996,788	8,122,869	8,468,822
55. Added Value	Thousand NT\$	14,807,034	16,580,872	15,982,833	16,249,713

表 1 現有水源與供水區域  
民國107年底

供水系統別	水 源			系統供水能力 (立方公尺/日)	設計供水 人口數 (人)	供水區域(縣、市、區、鄉、鎮、村、里)
	地下水	地面水	水庫水			
總 計				11,797,679	18,962,179	
第一區管理處				512,400	864,815	
0101基隆 供水系統	萬里湧泉、 二坪湧泉。	平林溪、雙溪、基隆 河、 蛇形溪、康誥坑溪、東 勢溪、瑪鍊溪、 瑪陵坑溪。	西勢水庫、新 山水庫。	459,600	614,017	基隆服務所 基隆市：仁愛、中正、信義、中山、安樂、暖暖、七堵等區。 貢寮雙溪營運所 貢寮區：全區(吉林里未供水)。 雙溪區：全區(外柑里、長源里、泰平里除外)。 瑞芳營運所 瑞芳區：全區(碩仁里尚未供水)。 汐止營運所 汐止區：全區，(橫科、宜興、福山、東勢等四里屬北水處供水範圍)。 萬里金山營運所 萬里區：全區(溪底里尚未供水)。
0104坪林 供水系統		北勢溪、 景美溪、 無名溪、 東勢格溪、 烏塗溪。		18,900	30,537	文山營運所 新北市： 深坑區全區 石碇區全區(豐田、光明、永安等3里尚未供水)。 平溪區全區(平湖、新寮等2里尚未供水)。 坪林區全區(魚光、上德、石槽、粗窟等四里尚未供水)。
0105淡水 供水系統	北投子湧泉、 湧泉、 三芝1.2號井。	公司田溪、老梅溪、四 合興圳。		25,500	198,714	淡水營運所 新北市： 淡水區全區。 三芝區全區。 石門區全區，(茂林里、乾華里尚未供水)。
0106金山 供水系統		頂中股圳、三重橋。		8,000	18,166	萬里金山營運所 新北市： 金山區全區(兩湖里、西湖里除外)。
0112烏來 供水系統		桶後溪。		400	3,381	文山營運所 新北市：烏來區烏來、忠治2里
第二區管理處				1,461,300	2,214,330	
0201石門區 供水系統			石門水庫。	1,460,000	2,210,301	林口服務所 (林口區)全區，其中太平、瑞平、頂福等里，偏遠地區部份用戶尚未供水。 (五股區)福德里登林路部分地區、德音里外寮路部分地區。 (蘆竹區)八德一路、赤塗崎等(7戶)。 桃園服務所 (桃園區)：全區。 (八德區)全區，其中大仁、大明2里部分由第12區管理處板新廠支援供水。 (蘆竹區)全區。 (龜山區)南美里、大坑里、南上里。 龜山服務所 (龜山區)30全區 (南美里、南上里、龍華里、迴龍里除外)，其中山德、山頂里少部分由板新區系統供水。 (新莊區)鳳丹里壽山路(3戶) (泰山區)大科里南林路(176戶) (桃園區)三民里壽山路(394戶)

表 1 現有水源與供水區域  
民國107年底

供水系統別	水 源			系統供水能力 (立方公尺/日)	設計供水 人口數 (人)	供水區域(縣、市、區、鄉、鎮、村、里)
	地下水	地面水	水庫水			
						<p>中壢服務所(平鎮區)：雙連里、復旦里、廣達里、廣興里、廣仁里、義興里、義民里、新勢里、新榮里、新富里、新貴里、龍恩里、龍興里、建安里、華安里、東社里、忠貞里、中正里、貿易里、東安里、新安里、東勢里、福林里、高雙里、宋屋里、北安里、北勢里、北華里、北興里、北貴里、北富里、金陵里、新英里等33里，其中新貴、東勢、新安、華安、建安、東社、北富等里，偏遠地區部份用戶尚未供水。</p> <p>(中壢區)：全區，其中山東、過嶺、月眉、內厝、洽溪、芝芭、青埔、水尾等里，偏遠地區部份用戶尚未供水。</p> <p>(八德區)宵裡里新生路坎頂路(單號側)、白鷺里興仁路、廣福路1356巷、東泰新村、龍友里榮友新村、龍宮街。</p> <p>(桃園區)龍山里龍山街龍門街。</p> <p>(大園區)五權里、橫峰里高鐵重劃區內。</p> <p>(觀音區)崙坪、上大、富源里，偏遠地區部份用戶尚未供水。</p> <p>(楊梅區)新榮里、雙榮里。</p>
						<p>楊梅服務所(楊梅區)：41里全市，除大平、上湖、三湖、高榮、富岡等里少部份未供水(因管線未到達)。</p> <p>(平鎮區)湧光、湧安、湧豐、山峰、福林、莊敬、平安、金星、南勢、鎮興、平鎮、平南、宋屋、高雙、復旦(部份)等15里(其中宋屋、高雙、復旦、福林等里部份用水戶屬中壢所)</p> <p>(新屋區)全區。</p>
						<p>大園服務所(大園區)全區，但有零星用戶(舊有房屋)無使用執照及少部分使用地下水沒申請供水。</p> <p>(觀音區)全區，但有零星用戶(舊有房屋)無使用執照、少部分使用地下水沒申請供水。</p>
						<p>大溪服務所(龍潭區)全區，除三水里、高平里部分用戶尚未供水(因管線未到達)。</p> <p>(大溪區)全區，除新峰、瑞興少部分尚未供水。</p> <p>(平鎮區)東勢里中興路九龍段有111戶約362人。</p>
0206復興 供水系統		觀音洞(山澗水)、詩朗溪。	1,300	4,029		<p>大溪服務所 桃園市： (復興區)目前只供應三民里、澤仁里，另華陵村使用簡易自來水(尚有7村未供水)。</p>
第三區管理處			1,110,380	1,487,925		
0301新竹 供水系統		頭前溪。 頭前溪(隆恩堰)。	寶一水庫、 寶二水庫。	739,000	780,760	<p>新竹服務所 新竹市全市含新竹科學園區、寶山鄉。 竹東鎮：員山、頭重、柯湖(竹中)。</p>
						<p>竹北營運所 新竹縣：竹北市、新埔鎮下寮里、上寮里、文山里、南平里、旱坑里、田新里</p>
						<p>湖口營運所 湖口鄉(含新竹工業區)全鄉，惟由石門系統移轉之少部分村莊地區偏遠尚未供水。新豐鄉全鄉，惟由石門系統移轉之少部分村莊地區偏遠尚未供水。</p>
0302竹東 供水系統		上坪溪及竹東圳。	30,000	86,400		<p>竹東營運所 全鎮：其中員山、頭重、柯湖(竹中)由新竹系統供水及陸豐里部分由芎林系統供水。惟上坪、瑞峰由五峰系統供水。</p>
0303尖石 供水系統		地面水-油羅溪支流	570	2,670		<p>竹東營運所 尖石鄉嘉樂、新樂、水田、義興。</p>
0304梅花 供水系統		地面水-錦屏溪支流	230	600		<p>竹東營運所 尖石鄉錦屏、梅花。</p>
0305北埔 供水系統		地面水(大坪溪)	8,000	14,000		<p>竹東營運所 北埔鄉全鄉，惟外坪村等偏遠地區尚未供水。</p>
						<p>峨嵋鄉全鄉，湖光村及七星村等偏遠地區尚未供水。</p>
0308五峰 供水系統		地面水 (白蘭溪、卑南溪)	980	4,920		<p>竹東營運所 五峰鄉桃山、清泉、大隘。 竹東鎮上坪、瑞峰。</p>
0309內灣 供水系統		油羅溪。	900	4,350		<p>竹東營運所 橫山鄉內灣村、豐田村(九芎坪、油羅)、力行村。</p>
0311新埔 供水系統	新埔場2口深井。	鳳山溪。	6,800	30,700		<p>竹北營運所 新埔鎮全鎮，惟鹿鳴里、清水里、南平里、新北里、照門里等里之高地區尚未供水；北平里尚未供水。 關西鎮東平里(該里高地區尚未供水)。</p>

表 1 現有水源與供水區域  
民國107年底

供水系統別	水 源			系統供水能力 (立方公尺/日)	設計供水 人口數 (人)	供水區域(縣、市、區、鄉、鎮、村、里)
	地下水	地面水	水庫水			
0313苗栗 供水系統		苗三寬口井(伏流水)、明德水庫。 苗四寬口井(伏流水)、 公館場寬口井		49,000	170,200	苗栗營運所 苗栗市全市。 頭屋鄉：明德村、象山村、北坑村，曲洞，山區鳴鳳村、飛鳳村等尚未供水，頭屋村屬簡水系統。 造橋鄉：錦水、大西、大龍。 後龍鎮全鎮（福寧、中和、南港里屬鯉魚潭系統）。 公館鄉剩北河、南河、開礦、福德等村未供水，福基村（鄉公所簡水）。
0314大湖 供水系統		寬口井5口(伏流水)。		6,800	14,500	苗栗營運所 大湖鄉全鄉，但東興村、新開村尚未供水。 獅潭鄉竹木村。 泰安鄉清安村。
0315竹南頭份 供水系統			永和山水庫。	240,000	196,100	竹南頭份營運所 竹南鎮全鎮含崎頂工業區、竹南科學園區及與新竹市隔鄰竹南鎮公義里，西濱公路沿線尚有少許未供水。 頭份鎮全鎮含頭份工業區，鎮內少許山區尚未供水。 造橋鄉造橋村、豐湖村、平興村、龍昇村、談文村、朝陽村等地區全鄉，少許山區尚未供水。 後龍鎮海寶里、灣寶里，秀水里、海埔里、大山里、東明里等地區。
0316鯉魚潭 供水系統	三義八股深井、三義草寮深井、 三義水美深井、三義淨水場2口 深井、 三義裕隆2口深井。	中興寬口井(伏流水)。		10,400	119,400	通霄銅鑼營運所 銅鑼鄉全鄉(含銅鑼工業區、竹科4期銅鑼基地、私有工業區中興工業區)。 三義鄉除鯉魚村計18戶由四區處管轄外，餘全部。 西湖鄉全鄉，惟山區金獅村等少部分尚未供水。 後龍鎮福寧、中和、南港及苗栗龍坑里。 苑裡鎮蕉埔、上館、玉田、田心、山柑、泰田、房裡等部份已供水、舊社、山腳、福田等少許鄰尚未供水。 通霄鎮福龍尚未供水，福源、城南、福興大部份尚未供水，五南、白東、白西、南和、城北等少許鄰尚未供水。
0322南庄 供水系統		南江。		6,000	15,025	竹南頭份營運所 南庄鄉全鄉，惟山區向天湖、鹿場、蓬萊、東河等高地部落有山泉水故尚未供水。 三灣鄉大河底、下林坪、三灣、銅鏡、北埔、頂寮、永和、內灣村全部供水。大坪往造橋方向部分鄰、大河苗17線部分鄰尚未供水。
0323芎林 供水系統		頭前溪(伏流水)。		3,900	20,000	竹北營運所 芎林鄉 華龍村未供水，高地區中坑少部份尚未供水，及竹東鎮陸豐里少許用戶。
0324關西 供水系統		鳳山溪。		7,800	28,300	竹北營運所 關西鎮 南新里未供水；仁安里、大同里等里之高地區尚未供水，東平里由新埔系統供水，石光里為簡易自來水。
第四區管理處				1,889,459	3,257,257	
0401臺中區 供水系統	土庫10號井、英才衛生井、美術 美村井、北屯1號井、北屯3號 井、北屯5號井、田心公園深 井、福星3號井、遼寧4號井、三 民興進井、中山教會井、中山網 球場井、中山公園井、四民配水 池井、逢甲公園井、軍功深井、 舊社公園井、東光2號井、大墩 深井、八張犁2號井、八張犁5號 井、八張犁6號井、八張犁7號 井、八張犁8號井、港尾1號井、 港尾2號井、港尾3號井、823公 園九路井、823公園十路井	大甲溪(石岡壩)、后里 圳。	鯉魚潭水庫。	1,498,748	2,456,501	台中給水廠 臺中市東、西、南、北、中、西屯、南屯、北屯、太平、大里等區 豐原給水廠 臺中市豐原區、神岡區、石岡區、潭子區等一帶 鯉魚潭給水廠 臺中市后里區、外埔區等一帶 大雅營運所 臺中市大雅區、神岡區、清水區、沙鹿區等一帶 烏日營運所 臺中市烏日區一帶 沙鹿營運所 臺中市沙鹿區、大肚區、龍井區、梧棲區等一帶 清水營運所 臺中市清水區、梧棲區、沙鹿區(鹿峰、鹿寮兩里)等一帶

表 1 現有水源與供水區域

民國107年底

供水系統別	水 源			系統供水能力 (立方公尺/日)	設計供水 人口數 (人)	供水區域(縣、市、區、鄉、鎮、村、里)
	地下水	地面水	水庫水			
	工業區6號井、工業區10號井、 員訓所井、南苑公園井、美術英 才井、英才篤行井、寧夏漢口 井、三信漢口井、三信河南井、 青海1號井、福星2號井、公益9 號井、公正路井、東峰14號井、 東峰15號井、樂成一心井、樂成 長福井、管線隊深井、  南和忠明井、南和工學井、工學 北路井、福平公園井、萬福公園 井、大里2號井、東光1號井、東 光3號井、東光5號井、大里運動 井、大里日新井、舊社4,6號二 口井、  公館1、2號深井、忠義2號深 井、仁愛1號深井、公館3號深 井、神岡2、3、5號深井、忠義1 號深井、上楓3號、許厝1號、烏 日1、2、3號三口井、喀哩1、2 號二口井、沙鹿2號等10口井、 龍井1號及沙鹿17號等二口、埔 子4號及埔子1號等二口井、田中 1、2號井、龍井3號井、明秀1,2 號二口井、沙鹿11號井、沙鹿8 號井、沙鹿12號井、沙鹿15號 沙鹿3號更新井、沙鹿4號更新 井、沙鹿5號更新井、竹林1號 井、埔子2號井、清水 1.2.3.4.5.6.7.9.10.11.14.15 號井、清水8號井、清水12號 井、清水16號井。					
0405新社 供水系統				11,000	22,000	東勢營運所(新社區)全鄉各村落,但中和村之馬鞍寮、抽藤坑尚未供水。 (石岡區)南眉、營林巷、龍興、頭坪、二坪、食水崙。
0407谷關 供水系統		八仙山山泉水。		27	200	東勢營運所(和平區)谷關
0413霧峰 供水系統				17,300	62,700	霧峰營運所(霧峰區)全區,但舊正村、萬豐村、桐林村、峰谷村等少部分尚未供水。
0415東勢 供水系統		大甲溪。		30,000	57,500	東勢營運所(東勢區)全區,但茂興、明正由卓蘭系統供水,另慶福里少部分尚未供水。 (石岡區)全區,但南眉、龍興、頭坪、二坪、食水崙由新社系統供水。
0416卓蘭 供水系統				7,500	16,500	東勢營運所 苗栗縣:(卓蘭鎮)全鎮。三義鄉:鯉魚潭村15、16鄰 台中市:(東勢區)茂興(上園屯)、明正。
0417梨山 供水系統		合歡溪。		1,600	1,700	東勢營運所(和平區)梨山、松茂。

表 1 現有水源與供水區域  
民國107年底

供水系統別	水 源			系統供水能力 (立方公尺/日)	設計供水 人口數 (人)	供水區域(縣、市、區、鄉、鎮、村、里)
	地下水	地面水	水庫水			
0418埔里 供水系統	(埔里第一淨水場)1-5號等五口井、 第二淨水場寬口井、 環南路深井1口、 1號淺井,2號深井、 (埔里第五淨水場)1-5號等五口深井、 藍城1號及2號井。			29,553	76,000	埔里營運所(埔里鎮)全鎮。 但成功里、房里里、一新里、向善里、麒麟里等五里尚未供水,桃米里及廣成里部分地區供水。
0419大坪頂 供水系統		水流東溪。		443	1,750	埔里營運所(埔里鎮)合成里。
0420霧社 供水系統		濁水溪、 山澗水。		845	4,700	埔里營運所(仁愛鄉)霧社、壽亭、春陽。
0423日月潭 供水系統		公林溪。	日月潭、 日月潭滲透 水。	4,215	14,300	埔里營運所(魚池鄉)頂城、中城、下城、魚池、新城、頭股、五城、公林、司馬鞍、大林、東池、 日月潭、北旦、頭社、內凹仔、統櫃
0424德化 供水系統			日月潭。	386	800	埔里營運所(魚池鄉)日月村(北堀)。
0428大肚 供水系統	大肚1、2、4、5號井及台紙1、2號等六口井、 福山1、2、3、4號等四口井。			9,300	40,104	沙鹿營運所(大肚區)全區,但蔗廬、瑞井、自強由台中區系統供水。
0429南投 供水系統	嘉和1.2.3號深井及一口寬口井、 嘉和5.6.7號深井、南崗場16口深井、 三興場深井、 永興場深井、 新街場仁和等5深井、 新民場2口深井及寬口井1口、 廈新場深井、 崁腳場深井、 炭寮場深井。	平林溪。		64,000	118,000	南投營運所 南投縣： (名間鄉)全鄉,但磨仔坑由水里系統供水。 (南投市)南投、白鷺厝、公埔、千秋、南千秋、崩崁、包尾、南崗、工業區、嘉興里。 (中寮鄉)甲頭埔、竹子坑、新厝、後庄、廓地、二重溪、虎尾寮、番子吧、內湖仔、後寮坑、崁仔頂、馬鞍崙、哮貓、福盛頂城、粗坑、撻子灣、風櫃嶺、鄉親寮、中寮、八仙、和興。 彰化縣： (芬園鄉)同安、翁后寮、龜桃寮、謝厝、崙興庄、豆周寮、中崙、下樟空、樟空、頂樟空、大松腳、竹高厝、東寮、大竹圍、南化宮。
0433水里 供水系統	延正一號深井、 瑞竹寬口井及深井。	水里溪支流(鉅工發電廠發電後尾水)。 柯仔坑1.2(水量銳減補充用).3號寬口井。		113,000	74,250	水里營運所(集集鎮)全鎮。 (水里鄉)水里、新城、城中、農富、中央、車埕、鉅工、北埔、永豐、南光、頂崁、上安、郡坑、新山、永興、玉峰。 (竹山鎮)社寮、中央、富州。 (中寮鄉)崁頂。 (名間鄉)濁水村。  竹山營運所(竹山鎮)全鎮,山坪頂由坪頂系統供水 (名間鄉)磨仔坑。
0434信義 供水系統	三十甲井。	九層坑溪。		1,100	4,600	水里營運所(信義鄉)信義、愛國、自強。
0435大甲 供水系統	大甲第一水源等11口井、 頂店1,2號井、 大安淨水場1.2號井、 日南淨水場1.2.5.8.11號井。	溫寮溪。		22,200	93,702	大甲營運所(大甲區)全區,但太白、日南、孟春、幸福、龍泉、銅安、西岐、福德、建興等九里由三區支援大甲系統供水。 (大安區)全區

表 1 現有水源與供水區域

民國107年底

供水系統別	水 源			系統供水能力 (立方公尺/日)	設計供水 人口數 (人)	供水區域(縣、市、區、鄉、鎮、村、里)
	地下水	地面水	水庫水			
0437外埔 供水系統	外埔1號井、7號井及9號井3口井。			4,200	31,000	大甲營運所 外埔區六分、大同、水美、大東、馬鳴、中山、鐵山等7里
0439草屯 供水系統	營盤口4~15號等9口井、林子頭1,2,3號井、第一淨水場寬口井、第二淨水場1、2、3、4、5、6號等6口井、第三淨水場1~3號等3口井、第四淨水場1,3,7,8號井。			59,440	147,250	草屯營運所 南投縣： (草屯鎮)全鎮 (南投市)中興新村、內轆、大埤、新廓仔、營盤口、東山、軍功寮。 (中寮鄉)竹圍、花盆、新城、大丘圍、豬肚潭、眉子桃、爽文、田寮仔、龍眼林、圓仔城、後內城、前內城、清水村。 彰化縣： (芬園鄉)下茄荖、嘉興村。
0444坪頂 供水系統		小乾坑溪。		180	480	竹山營運所 (竹山鎮)山坪頂。
0445鹿谷 供水系統		北勢溪。 圓山仔坑溪溪水。		8,000	16,000	竹山營運所 (鹿谷鄉)全鄉。
0447地利 供水系統	民和深井。			650	1,400	水里營運所 (信義鄉)地利村、雙龍村。 (水里鄉)民和村(頂城、中城、下城)。
0448人倫 供水系統		卓棍溪。		250	600	水里營運所 (信義鄉)人和村、
0449羅娜 供水系統		筆石溪。		550	1,200	水里營運所 (信義鄉)新鄉、羅娜
0450國姓 供水系統		北港溪。		4,972	14,020	埔里營運所 (國姓鄉)全鄉，除長石口、盧厝、港源等社區外。
第五區管理處				1,219,531	1,460,900	
0501嘉義 供水系統	大林第一等5口井、 新港等6口井。	朴子溪、 阿拔泉溪、 八掌溪、 蕉仔湖溪。	仁義潭水庫、 蘭潭水庫、 烏山頭水庫。	404,050	740,000	嘉義服務所 嘉義市、嘉義縣水上鄉、太保市、中埔鄉和睦、和興、和美三村 義竹服務所 鹿草鄉、義竹鄉、布袋鎮、東石鄉 朴子服務所 供水區域為朴子市全部、六腳鄉全部，太保市3里，布袋鎮樹林里，鹿草鄉2鄉 民雄營運所 民雄鄉全部(西昌村由新港營運所供水)。 大林鎮全部(大林鎮過溪里崎頭、油車店、崎頂及大美里互助社區、嘉龍嘉禾社區由古坑營運所供水) 溪口鄉坪頂村、疊溪村、柳溝村、妙崙村、本厝村厝子。
0505達邦 供水系統		曾文溪。		300	4,300	新港營運所 太保市、新港鄉、溪口鄉與民雄鄉西昌村 竹崎營運所 竹崎鄉文峰、龍山、竹崎、和平、義仁、義和、獅埕、坑頭、沙坑、鹿滿、內埔、塘興、昇平、桃源、白杞、復金、灣橋、紫雲、義隆、緞繡、金獅等村。 番路鄉下坑、江西、新福、內甕、番路、民和、觸口等村。 中埔鄉石弄、中埔、鹽館、灣潭、隆興、社口、同仁、三層、深坑、龍門、富收、金蘭、頂埔、瑞豐等村。
0509大埔 供水系統	3寬口井。			1,080	4,600	竹崎營運所 阿里山鄉達邦村 竹崎營運所 大埔鄉大埔、茄荖、和平等3村
0519雲林 供水系統	炭脚等4口井、 南昌等3口井、 古坑等7口井、 永光等1口井、 阿丹等16口井、 石榴等7口井、 觸口等6口井(淺井)、	三疊溪上游支流、 集集攔河堰。	湖山水庫	809,841	706,400	古坑營運所 梅山鄉梅東、梅南、梅北、過山、永興、大南、雙溪、圳南、圳北等9村。 古坑鄉炭脚、麻園等2村 斗南鎮新南里南勢。 大林鎮過溪里新崎頭、油車站、大美里互助社區。 古坑鄉全鄉；樟湖、草嶺等2村尚未供水。 斗六市嘉東、江厝、三光等3里。 斗南鎮將軍里大松、阿丹里德高。

表 1 現有水源與供水區域  
民國107年底

供水系統別	水 源			系統供水能力 (立方公尺/日)	設計供水 人口數 (人)	供水區域(縣、市、區、鄉、鎮、村、里)
	地下水	地面水	水庫水			
	埤仔頭等19口井、 大北勢4口井、 褒忠等10口井、 虎尾站3口井、 平和站5口井、 西螺等9口井、 番社等4口井、  馬光等3口井、 荊桐等4口井、 崙背等1口井、 元長等3口井、 水林等6口井、 拔拉腳等4口井、 麥寮等8口井、 麥寮等2口井、 新興等2口井、 四湖等5口井、 三條崙等6口井。					<p>虎尾服務所 土庫鎮：新庄里除外全部社區。 虎尾鎮：東屯、西屯、芳草等三里 元長鄉：鹿北、鹿南、瓦瑤、卓運、後湖、山內等六村。 褒忠鄉、東勢鄉全部。 虎尾鎮26里及中科虎尾園區、高鐵特定區、台大虎尾分院。 斗南鎮田頭里2鄰 台西鄉：和豐、富崎、五柳等三村。</p> <p>斗南營運所 斗南鎮與大埤鄉</p> <p>斗六服務所 林內鄉：林中、林南、林北、坪頂、烏塗、重興、九芎、湖本、林茂、烏麻等10村。 斗六市 荊桐鄉：五華、六合等2村。 古坑鄉：棋盤1村。</p> <p>西螺服務所 西螺鎮全鎮 荊桐鄉全鄉(除了五華、六合兩村由雲林系統供應) 二崙鄉全鄉 崙背鄉全鄉 土庫鎮新庄里 虎尾鎮惠來里部分</p> <p>北港營運所 元長鄉全部，惟山內村、卓運村、瓦瑤村、後湖村、鹿北村、鹿南村為土庫所轄區 北港鎮全部、水林鄉全部 口湖鄉全部，惟下崙村轄區為台西所 四湖鄉溪底村</p> <p>台西營運所 麥寮鄉全鄉 台西鄉全鄉但溪頂、泉州、牛厝等3村由(四湖)雲林系統供水，五柳與富崎村青埔及和豐村火燒牛稠等3村由虎尾所轄區供水。 四湖鄉全鄉含溪底村部分，溪底村大部分由北港所供水。 台西鄉溪頂、泉州、牛厝等3村 口湖鄉下崙、崙中、崙東等3村 東勢鄉程海村港底</p>
0544阿里山 供水系統		楠仔仙溪。		1,600	1,100	竹崎營運所 阿里山鄉中山、中正、香林等3村
0545樂野 供水系統		無名溪、 湖底溪。		2,660	4,500	竹崎營運所 阿里山鄉樂野村 竹崎鄉忠和、石棹
第六區管理處				1,214,677	1,886,356	
0601臺南區 供水系統		曾文溪。	曾文水庫、烏 山頭水庫聯合 運用、南化水 庫、白河水 庫、鏡面水 庫。	1,207,321	1,862,856	<p>台南服務所 台南市東區、北區、南區、中西區、安平區、安南區等區。</p> <p>新市服務所 台南市新市區、新化區、山上區、安定區、善化區、左鎮區(紅毛寮、大林除外)、大內區(番仔厝、馬斗欄除外)等區。</p> <p>歸仁服務所 台南市歸仁區、仁德區、關廟區、龍崎區(青瓜寮、山腳除外，另草埔坪由第七區處(高雄區)系統供水等區。)</p> <p>佳里服務所 台南市佳里區、西港區、七股區、將軍區、北門區、學甲區等區。</p> <p>麻豆服務所 台南市麻豆區、官田區、六甲區(中坑除外)、下營區等區。</p> <p>永康服務所 台南市永康區。</p> <p>白河營運所 台南市白河區、後壁區、東山區(北寮、李仔園、西口、橫路、冷水坑、科園仔、坪園除外)、下營區等區。</p>

表 1 現有水源與供水區域  
民國107年底

供水系統別	水 源			系統供水能力 (立方公尺/日)	設計供水 人口數 (人)	供水區域(縣、市、區、鄉、鎮、村、里)
	地下水	地面水	水庫水			
						玉井營運所 台南市南化區、高雄市內門區(內興、三平、木柵、石坑、東勢埔等五里)等區。  新營營運所 台南市新營區、鹽水區、柳營區等區。  台南給水廠 台南市大內、新化、新市、善化、安定、山上、仁德、歸仁、關廟、龍崎、永康、東、南、中西、北、安南、安平區  烏山頭給水廠 包括台南市溪北16區及支援台南給水廠轄區台南市善化、安定和台南西區等區與五區處義竹所轄區支援供水。  南化給水廠 台南市南化區、左鎮區、山上區、新化區、關廟區、歸仁區、仁德區、東區及支援供水高雄 市
0608楠西玉井 供水系統		劍文溪。	曾文水庫、烏山頭水庫聯合運用。	7,356	23,500	玉井營運所 台南市玉井區、楠西區(頂湖、山頂、梅嶺除外)等區。
第七區管理處				2,073,120	3,458,120	
0701高雄區 供水系統	手巾寮14口井、竹寮10口井、大樹10口井、拷潭淨水場6口井、翁公園淨水場12口井。	高屏溪、會結站、南化水庫、翁公園伏流水。	澄清湖水庫、鳳山水庫、阿公店水庫。	1,750,000	2,640,627	高雄服務所 高雄市鹽埕區、鼓山區、左營區、三民區、新興區、前金區、苓雅區、前鎮區、旗津區、小港區  鳳山服務所 高雄市鳳山區、林園區、大寮區、大樹區、烏松區  路竹服務所 高雄市田寮區、阿蓮區、路竹區、湖內區、茄萣區、永安區  岡山服務所 高雄市岡山區、橋頭區、燕巢區、彌陀區、梓官區  楠梓服務所 高雄市左營區、楠梓區、大社區、仁武區
0703旗山 供水系統	手巾寮6口井。			24,000	48,403	旗山營運所 高雄市： (旗山區)：旗山、六張犁、圓潭、大林、尾庄、旗尾、溪州、磅礪坑、圭桵脚。 (內門區)：永富、內南。 (杉林區)：大愛永久屋。
0704茂林 供水系統	茂林2口井。			500	1,306	高樹營運所 高雄市： (茂林區)茂林里、(六龜區)大津里1鄰
0706美濃 供水系統	美濃3口井、廣興2口井。			12,000	37,315	美濃營運所 高雄市： (美濃區)但吉祥(一部分)、吉東(一部分)、獅子裡尚未供水。
0707廣興 供水系統	廣興1號井。			1,500	2,096	高樹營運所 屏東縣： (高樹鄉)廣興又名坪頂、(三地門鄉)賽嘉村。
0708甲仙 供水系統		旗山溪。		2,040	7,388	旗山營運所 高雄市： (甲仙區)甲仙、仙林巷、中園、大邱園、田寮巷(又名平埔)、新榮巷(又名田寮)、公館、關山、頂埔、下埔(又名飽仔園)。 (杉林區)八張犁、十張犁、溪埔。
0709六龜 供水系統		荖濃溪。		3,000	6,469	美濃營運所 高雄市： (六龜區)土壠、東溪山莊、舊潭、六龜、木瓜溪、埔仔厝、狗寮(又名復興)、中庄、尾庄、草壘
0710新威 供水系統		荖濃溪。		1,400	2,276	美濃營運所(六龜區)新威、新寮、山寮、二坡。
0711吉貝 供水系統	吉貝7口深井。			450	1,612	澎湖營運所 澎湖縣：(白沙鄉)吉貝村。
0712東源 供水系統		牡丹溪。		1,000	1,398	恆春營運所 屏東縣：(牡丹鄉)東源村、旭海村、牡丹村。

表 1 現有水源與供水區域  
民國107年底

供水系統別	水 源			系統供水能力 (立方公尺/日)	設計供水 人口數 (人)	供水區域(縣、市、區、鄉、鎮、村、里)
	地下水	地面水	水庫水			
0713屏東 供水系統	屏東等21口井、 大慶深井、 屏東加工區深井、 頂新深井。			92,000	253,299	屏東營運所 屏東縣： (屏東市)全市、營區二處、及工業區包括屏東工業區、屏東汽車專業區、華山工業用地、 安鎮工業用地及清溪工業用地及屏東二代加工出口區等六處。 (長治鄉)火燒、三座尾、單座屋、新潭頭、外庄、庄尾、香揚腳、河唇、老潭頭等9個社 區。 (萬丹鄉)社上、社中、社皮、磚寮、廈北、崙頂、後村村、灣內、廈南(部分)、香社(部分)、 田厝(部分)、上村村(部分)、社口(部分)、加興(部分)。
0714餉潭 供水系統	餉潭2口深井。	來義溪、 山澗水。		1,600	3,504	東港營運所 屏東縣：(新埤鄉)餉潭、(來義鄉)望嘉、文樂
0715高樹 供水系統	高樹1.2.3號井及 阿拔泉1口深井、 新豐1號井、 泰山1號井。			9,000	24,328	高樹營運所 屏東縣： (高樹鄉)全鄉、但舊寮、司馬除外； (三地門鄉)青山、青葉、安坡、馬兒、口社又廣興另由廣興系統供水。
0717高士 供水系統		九棚溪(北側支流)。		200	660	恆春營運所 屏東縣：(牡丹鄉)高士村
0718三地 供水系統	北葉3號井、 三和新1號井及2號井。	隘寮溪。		3,600	26,319	屏東營運所 屏東縣： (三地門鄉)三地 (瑪家鄉)北葉、佳義、筏灣、三和上、中、下村。 (內埔鄉)水門、隘寮、新隘寮 (鹽埔鄉)西瓜園、久愛、錦隆 (長治鄉)日新村
0719木梓 供水系統		旗山溪。		1,000	8,644	旗山營運所 高雄市： (杉林區)木梓、木梓國小、白水泉、紅毛山、杉林國中、月眉國小、上平里、新庄里。
0724南和 供水系統	力里深井、 南和深井。			2,500	5,023	東港營運所 (來義鄉)南和 (春日鄉)力里、七佳、歸崇
0725四春 供水系統	四春深井。			640	1,769	東港營運所 (潮州鎮)四春里
0728信國 供水系統	信國深井			400	4,411	屏東營運所 (里港鄉)信國新村、土庫村、定遠新村、精忠新村。
0729馬公 供水系統	成功鹽井淡化廠、	海水。	成功、 興仁、 東衛水庫。	26,600	72,047	澎湖營運所 澎湖縣： (馬公市)：馬公、前寮、石泉、案山、菜園、東衛、宅腳嶼、 澎湖地區。 (湖西鄉)：全鄉
0731崙東 供水系統	潮新7號及8號井。			5,000	1,710	東港營運所 屏東縣： (潮州鎮)：劉厝尾、九塊、埤仔頭、溪寮、崙仔頂、焦庄、新庄、 鳳尾新庄、新開寮。
0736瑪家 供水系統		隘寮溪支流。		120	530	屏東營運所 屏東縣： (瑪家鄉)上、中、下部落。
0738民生 供水系統		旗山溪支流。		340	1,598	旗山營運所 高雄市： (那瑪夏區)達卡努瓦村。
0739寶來 供水系統		寶來溪。		1,400	4,490	美濃營運所 高雄市： (六龜區)寶來、樣子腳、上、下荖濃、新開、新發、獅額頭。 (桃源區)建山

表 1 現有水源與供水區域  
民國107年底

供水系統別	水 源			系統供水能力 (立方公尺/日)	設計供水 人口數 (人)	供水區域(縣、市、區、鄉、鎮、村、里)
	地下水	地面水	水庫水			
0740佳興 供水系統		泰武溪。		80	479	東港營運所 屏東縣： (泰武鄉)佳興
0743武潭 供水系統	佳平深井。	東港溪		2,850	7,129	東港營運所 屏東縣： (泰武鄉)萬安、安平、達里、武潭村、佳平村、吾拉魯滋永久屋。
0745來義 供水系統	來義深井。			1,800	5,480	東港營運所 屏東縣： (來義鄉)義林、南復興、北復興、丹林、古樓、新來義永久屋。 (泰武鄉)平和村。
0746北勢 供水系統	北勢等4口深井。			13,650	16,627	屏東營運所 屏東縣： (內埔鄉)內埔工業區、頭崙、永芳、新北勢、西勢、過溝子、六巷上、竹頭角、老北勢、 楊屋角、西新屋角、上順林子、中順林子、美崙、南勢、竹園村、大新村。 (長治鄉)復興村、榮華村。
0747霧台 供水系統		隘寮南溪。		350	1,289	屏東營運所 屏東縣： (霧台鄉)上、下霧台、去露。
0750牡丹 供水系統	古華1口井、 林邊3口井、 琉球2口井。 太源4號井。	士文溪。	牡丹水庫。	106,300	245,173	東港營運所 屏東縣： (南州鄉)(東港鎮)(佳冬鄉)(新園鄉)(崁頂鄉)(琉球鄉)(枋寮鄉) 全鄉鎮 (春日鄉)(林邊鄉)部分地區 (枋山鄉)：加祿村。 (獅子鄉)：南世村、內獅。  恆春營運所 (牡丹鄉)(車城鄉)(滿洲鄉)(恆春鎮)(枋山鄉)(獅子鄉)
0751多納 供水系統	多納1口井。			250	630	高樹營運所 高雄市： (茂林區)多納里
0753白沙 供水系統	白沙26口深井。		赤崁地下水 庫。	2,800	8,196	澎湖營運所 澎湖縣： (白沙鄉)全鄉(吉貝村除外)
0756望安 供水系統		望安海水淡化廠。	西安水庫、烏 溝水塘。	750	3,743	澎湖營運所 澎湖縣： (望安鄉)全鄉
0759西嶼 供水系統	西嶼鄉17口深井。	西嶼海水淡化廠。	小池水庫。	2,800	8,340	澎湖營運所 澎湖縣： (西嶼鄉)全鄉
0760七美 供水系統	七美6口深井。		七美水庫。	1,200	3,812	澎湖營運所 澎湖縣： (七美鄉)全鄉
第八區管理處				355,572	452,390	
0801宜蘭 供水系統	深溝五口淺井、圳頭一口深井、 枕山二口深井、龍潭二口深井、 頭城一口深井。	粗坑溪、五十溪、 大溪溪、雪隧取水口。		118,650	216,600	北區服務所 宜蘭市：全市 員山鄉：全鄉 壯圍鄉：全鄉 頭城鎮：全鎮(金盈里除外) 礁溪鄉：全鄉(匏崙、二結村除外)
0804羅東 供水系統	天送埤二口深井、大隱一口深 井、柑仔坑一口深井、 龍德四口深井、丸山三口淺井、 蘇澳六口淺井、 廣興二口深井四口淺井。	寒溪(蘭陽溪水系)、小 南澳溪、新城溪、羅東 溪攔河堰伏流水。		218,160	224,600	南區服務所 羅東鎮：全鎮 五結鄉：全鄉 冬山鄉：全鄉 三星鄉：全鄉，但員山村由松羅系統供水。 蘇澳鎮：全鎮，但東澳里由東澳系統供水。南強里、朝陽里由南澳系統供水。 大同鄉：寒溪村
0810南澳 供水系統	南澳一口深井。	南澳北溪 (大南澳溪水系)。		2,210	5,020	南區服務所 蘇澳鎮：南強里、朝陽里 南澳鄉：南澳、碧候、武塔、金岳等四村

表 1 現有水源與供水區域

民國107年底

供水系統別	水 源			系統供水能力 (立方公尺/日)	設計供水 人口數 (人)	供水區域(縣、市、區、鄉、鎮、村、里)
	地下水	地面水	水庫水			
0813松羅 供水系統		松羅溪 (蘭陽溪水系)。		15,000	1,870	北區服務所 三星鄉：員山村 大同鄉：崙埤、松羅、復興等三村
0814英士 供水系統	英士一口深井。	山澗溪 (蘭陽溪水系)。		80	310	北區服務所 大同鄉：英士村
0815四季 供水系統		四重溪 (蘭陽溪水系)。		270	1,070	北區服務所 大同鄉：四季村
0816南山 供水系統		佐得寒山山澗水 (蘭陽溪水系)。		210	700	北區服務所 大同鄉：南山村
0818東澳 供水系統	東澳二口深井。	東澳北溪 (東澳溪水系)。		432	900	南區服務所 南澳鄉：東岳村 蘇澳鎮：東澳里
0819金洋 供水系統	金洋一口深井。	南澳南溪 (南澳溪水系)。		160	600	南區服務所 南澳鄉：金洋村
0820澳花 供水系統	澳花一口深井。			400	720	南區服務所 南澳鄉：澳花村
第九區管理處				225,120	317,700	
0901花蓮 供水系統	德興一號井、 國慶等三口井、 南華等五口井、 稻香深井、 光華等三口井、 光華六號井、 光華七號井、 光華八號井、 新興一、二號井、 新興三號井、 荖溪一、二號淺井。	美崙溪、 立霧溪、 荖溪。	162,320	230,289	花蓮服務所 (花蓮市)全市。 (新城鄉)康樂、北埔、佳林、嘉里、嘉新、新城、順安等7村。 (秀林鄉)景美、佳民、水源、富世、秀林、崇德等6村。	
0908和平 供水系統	和平深井。	和平隧道滲流水		3,570	1,738	吉安壽豐服務所 (吉安鄉)全鄉。 (壽豐鄉)壽豐、光榮、共和、平和、志學、豐裡、豐坪、豐山、樹湖、溪口、月眉、鹽寮等12村。 花蓮服務所 (秀林鄉)和平村，和平工業區
0915水璉 供水系統	水璉淺井。			420	736	吉安壽豐服務所 (壽豐鄉)水璉村
0916鳳林 供水系統	西林深井、萬榮等二口井、 光復等三口井。	無名溪、 清水溪。		16,210	25,235	鳳林營運所 (鳳林鎮)全鎮。 (萬榮鄉)萬榮、明利、見晴、西林等4村。 (壽豐鄉)米棧村。 (光復鄉)大平、大馬、大華、大安、大同、大進、大全、東富、西富、南富、北富等十一村。
0922豐濱 供水系統		多普安溪。		2,400	2,691	鳳林營運所 (豐濱鄉)豐濱、新社、磯碇等三村。
0923瑞穗 供水系統	瑞祥等二口井。	紅葉溪、 壽豐溪。		7,200	10,127	玉里營運所 (瑞穗鄉)瑞穗、瑞良、瑞美、鶴岡、瑞北、瑞祥等六村。 (萬榮鄉)紅葉村。 (瑞穗鄉)舞鶴村

表 1 現有水源與供水區域

民國107年底

供水系統別	水 源			系統供水能力 (立方公尺/日)	設計供水 人口數 (人)	供水區域(縣、市、區、鄉、鎮、村、里)
	地下水	地面水	水庫水			
0924富源 供水系統	富源深井。	馬蘭溝溪。		3,500	4,303	鳳林營運所(瑞穗鄉)富源、富興、富民等三村。 (光復鄉)大富、大豐等二村。 (萬榮鄉)馬遠村。
0926港口 供水系統		光復溪、秀姑巒溪。		1,600	1,541	鳳林營運所(豐濱鄉)靜浦、港口等二村。
0927玉里 供水系統	玉里等二口井、 永昌等二口井、客城深井、 樂合淺井、 東里淺井、 三笠山淺井、太平深井。			20,400	28,562	玉里營運所(玉里鎮)中城、國武、啟模、泰昌、永昌、源城、大禹、樂合等八里。 (富里鄉)東里、吳江、萬寧、新興等四村。 (卓溪鄉)嵩山、立山、三笠山、山里、太平等五村。 (玉里鎮)三民里。
0928富里 供水系統	明里等二口井。			5,000	6,997	玉里營運所(富里鄉)富里、明里、學田、竹田、新興、石碑、永豐、羅山、豐南、富南等十村。 (卓溪鄉)古風二村。
0931池南 供水系統		荖溪。		1,800	3,762	吉安壽豐服務所(壽豐鄉)池南村。 (秀林鄉)銅門、榕樹、文蘭等三村。
0934松浦 供水系統	松浦淺井。			700	1,719	玉里營運所(玉里鎮)松浦里
第十區管理處				122,570	216,826	
1001台東 供水系統	東興三號深井、利嘉三號深井 (3000)、泰安三號深井、馬蘭深 井、東興一號井、鯉魚山深井、 中華路深井、豐里深井、四維路 深井、兒五深井、知本三號深 井、知本一號深井、知本四號深 井、南王深井(1)、南王深井 (2)、建農深井、黑森林井、富 岡深井。	利嘉溪、 東興四號管井(取農田 水利會水源,補充 用)、 大巴六九溪。		65,000	121,462	台東營運所(台東市)全市。 (卑南鄉)賓朗村、太平村、泰安村、利嘉村、東興村、富山村、富源村。 (太麻里鄉)華源村、新吉村、三和村、荒野村。 (東河鄉)都蘭村郡界、新蘭。
1002初鹿 供水系統	初鹿3.4號深井、 斑鳩深井。	無名溪。		2,300	4,546	台東營運所(卑南鄉)初鹿、煙草間、 斑鳩、六塊、明鋒。
1006鹿野 供水系統	永安深井、和平深井、瑞豐第二 深井、 瑞源深井。	山澗水(流入鹿寮溪)、 瓦崗溪。		5,440	11,491	池上營運所(鹿野鄉)、鹿野、和平社區、四維、永隆、永興、永安、永安高台、永樂、永昌、明野、 馬背、龍田、五十戶、瑞源、後湖、新良、日圓、瑞隆、瑞和、新豐景、寶華、(延平鄉) 桃源、紅葉。(延平鄉)永康新村、武陵、鸞山村之鸞山部落、梅山部落
1015池上 供水系統	新興深井*2、 陸安深井。			5,300	8,682	池上營運所(池上鄉)池上、萬朝、山仔腳、新興上路、新興下路、陸安、大坡、慶豐(更正)、錦園、 萬安、龍仔尾。 (海端鄉)錦屏。
1016關山 供水系統	關山二號深井、振興深井、東莊 深井。	崁頂溪、新武呂溪。		5,600	11,100	池上營運所(關山鎮)關山、崁頂、本源、紅石、溪埔、電光、德高、頂庄、北庄、西庄。 (海端鄉)崁頂、海端。 (池上鄉)白毛寮、振興
1023大武 供水系統	加羅板深井、 加羅板二號深井、 和平深井。			2,820	4,512	太麻里營運所(大武鄉)大武、加羅板、大烏、尚武、古庄、太湖、西勢湖。

表 1 現有水源與供水區域

民國107年底

供水系統別	水 源			系統供水能力 (立方公尺/日)	設計供水 人口數 (人)	供水區域(縣、市、區、鄉、鎮、村、里)
	地下水	地面水	水庫水			
1025金崙 供水系統	堰埕補充水源井。	山澗水 (流入金崙溪)。		1,480	2,828	太麻里營運所(太麻里鄉)金崙、溫泉。 (金峰鄉)賓茂、堰埕、溫泉。
1026太麻里 供水系統	正興1.2號深井、 大王深井、 沙崙深井。	山澗水 (流入太麻里溪)。		7,970	8,141	太麻里營運所(太麻里鄉)太麻里、新香蘭、舊香蘭、北里、德其里、 河川、溪頭。 (金峰鄉)正興、新興、嘉蘭、麻利霧。
1027下大溪 供水系統		山澗水 (流入大竹溪)。		380	714	太麻里營運所(太麻里鄉)下大溪
1031森永 供水系統	森永深井、 森永2號井。			1,000	471	太麻里營運所(達仁鄉)森永。
1032安朔 供水系統	安朔深井。			1,000	1,628	太麻里營運所(大武鄉)南興、南安。 (達仁鄉)安朔、復興路、南田。
1034成功 供水系統		水母丁溪、 富家溪、 柑仔山溪、無名溪淺 井、馬武窟溪、原簡水 寬口井、 漁橋溪、羊橋溪。 馬武窟溪。		18,980	29,381	成功營運所(成功鎮)隧道、小馬、都歷、豐泉、叭喲喲、嘉平、跋邊、八邊、下麒麟、成功鎮內、芝 田、基翟、高台、白守蓮、美山、成廣澳、小港、石雨傘、重安、宜灣大濱。 (長濱鄉)界橋、臆曼、烏石鼻、寧埔、白桑安、南竹湖、北竹湖、永福、崎腳、田沮、長 濱、中興、忠勇社區、長光、城仔埔、真柄、三間屋、大俱來、八仙洞、水母丁、樟原、 大峰峰。 (東河鄉)都蘭、都橋、小橋、八里、藤橋、羊橋、隆昌、上、下金樽、南、北東河。 (東河鄉)泰源(含新、本部落)、麻竹嶺、柑桔、德高、尚德、前寮、南溪、泰山、花 園、美蘭、北溪、順那(又名南施)。
1037新化 供水系統		山澗水 (流入大鳥溪)。		200	380	太麻里營運所(達仁鄉)新化、森茂。
1039愛國埔 供水系統	愛國埔深井	山澗水 (流入大竹溪)。		240	896	太麻里營運所(大武鄉)愛國埔、工作地。
1040綠島 供水系統	綠島深井		酬勤水庫。	2,900	4,093	台東營運所(綠島鄉)南寮、中寮、公館、柴口、楠仔湖、柚仔湖、 溫泉。
1043蘭嶼 供水系統		東清溪、紅頭溪、 朗島溪。		1,360	5,152	台東營運所(蘭嶼鄉)東清村、朗島村、紅頭村。
1044土阪 供水系統	土阪深井。	山澗水 (流入大竹溪)。		300	1,015	太麻里營運所(達仁鄉)土阪。
1048利稻 供水系統		山澗水 (流入卑南溪)。		300	334	池上營運所(海端鄉)利稻
第十一區管理處				511,350	1,252,360	
1101彰化 供水系統	三場等十五口井、 全興場等六口井、 和美場等三口井、 線西場等三口井、 大竹場等二口井、 快官一口寬口井。			88,600	376,926	彰化服務所(彰化市)、(和美鎮)、 (伸港鄉)、(線西鄉)等全市鎮鄉。
1102花壇 供水系統	花壇場等八口井、 大村二場二口井、 村上場二口井、 大葉場二口井。			23,850	84,458	花壇營運所(花壇鄉)全鄉。 (大村鄉)全鄉,但美港、擺塘等二村部份由員林系統供水。 (秀水鄉)金興村、陝西村等二村。 (埔心鄉)埤霞村、埤腳村等二村。

表 1 現有水源與供水區域  
民國107年底

供水系統別	水 源			系統供水能力 (立方公尺/日)	設計供水 人口數 (人)	供水區域(縣、市、區、鄉、鎮、村、里)
	地下水	地面水	水庫水			
1103北斗 供水系統	北斗場等三口井、 埤頭場等三口井、 永靖場等七口井、 埔心場等四口井、 下壩場等五口井。			95,100	165,204	北斗營運所(北斗鎮)、(永靖鄉)等全鄉鎮。 (溪州鄉)除榮光、大庄、成功、西畔、柑園、潮洋、張厝、蔡公、三條、三圳、水尾等村及溪厝部分以外。 (田尾鄉)全鄉，但福田村、新興村由二水系統供水。 (埤頭鄉)全鄉，但中和村、竹園村、庄內村、大湖村由二林系統供水。 (埔心鄉)全鄉，但埤霞村、埤腳村由花壇系統供水。 (溪湖鎮)竹園、浦底、頂庄、媽厝等小部份地區。 (員林市)三潭里部分。 (田中鎮)三民里部分。 (二林鎮)永豐村大排沙段1戶、原斗里3戶、東華里3戶、華崙里1戶，合計8戶。
1104二林 供水系統	二林等六口井、 芳苑等八口井、 竹塘等四口井。			38,200	110,056	二林營運所(大城鄉)、(芳苑鄉)、 (竹塘鄉)等全鄉。 (二林鎮)全鎮，但萬興里、永興里、振興里、西庄里、梅芳里、華崙里等六里由溪湖系統供水 (埤頭鄉)庄內村、中和村、竹園村、大湖村等四村。
1108鹿港 供水系統	鹿港場等八口井、 秀厝場等七口井、 打鐵厝場等七口井、 彰濱等三口井。			70,800	122,133	鹿港營運所(鹿港鎮)全鎮。 (福興鄉)福興、福南、西勢、同安、二港、橋頭、福寶、頂粘、廈粘、麥厝、三和、鎮平、番婆、秀厝等十四村。
1109員林 供水系統	一場等十一口井、 二場等十口井、 三場等九口井。			71,000	128,322	員林營運所(員林鎮)全鎮，但泉州寮、後壁厝、南邊田頭、南邊厝、待人坑、湖水坑、許厝、坑仔內、水尾等九部落除外、另大明里一部分由二水系統供水。 (大村鄉)美港、擺塘等二村。
1110二水 供水系統	社頭場等十口井、 倡和場等五口深井， 三口寬口井、 田中場等十一口井、 清水岩等四口井、新民淨水場等 2口井、 大丘園場寬口井一口。			67,100	122,076	二水營運所(二水鄉)全鄉。 (田中鎮)全鎮，但大社里、平和里等少部分住戶尚未供水。 (社頭鄉)全鄉。 (田尾鄉)福田村、新興村等二村。 (員林鎮)大明里一部分。(溪州鄉)榮光、大庄、成功、西畔、柑園、潮洋、張厝、蔡公、三條、三圳、水尾等村及溪厝部分。北斗鎮及永靖鄉1小部份。
1111溪湖 供水系統	一場等四口井、 二場等三口井、 福興場等八口井。			56,700	143,185	溪湖營運所(溪湖鎮)全鎮，但竹園、浦底、頂庄、媽厝等小部份由北斗系統供水。 (埔鹽鄉)全鄉。 (二林鎮)萬興、振興、梅芳、西庄、華崙、永興等六里。 (田尾鄉)海豐部份地區。 (秀水鄉)全鄉，但陝西、金興等二村由花壇系統供水。 (福興鄉)大崙、元中、外中、外埔、萬豐、番社、三汫、社尾等八村。 (永靖鄉)竹子村 (鹿港鎮)東崎里
第十二區管理處				1,102,200	2,093,200	
1201板新區 供水系統	泰山第一水源(深井)、 泰山第三水源(深井)、 泰山第五水源(深井)、 永和深井。	三峽河。	石門水庫 (鳶山堰)。	1,102,200	2,093,200	板橋服務所 新北市地區：板橋區全部(溪崑地區溪洲里、溪福里、崑崙里、成和里、溪北里、堂春里除外)，中和區部分地區(嘉慶里、民生里、自強里、瑞穗里、員山里、嘉穗里、積穗里、員富里、民有里、國華里、冠穗里、壽德里、明穗里、國光里、清穗里、德穗里、明德里、民安里、嘉新里、民享里、中原里)  新莊服務所 新北市地區：新莊區全部、三重區(頂坎里、谷王里，五谷里、中興里、德厚里) 桃園市地區：龜山區迴龍里部分

表 1 現有水源與供水區域  
民國107年底

供水系統別	水 源			系統供水能力 (立方公尺/日)	設計供水 人口數 (人)	供水區域(縣、市、區、鄉、鎮、村、里)
	地下水	地面水	水庫水			
						<p>蘆洲服務所 新北市地區：蘆洲區全部、八里區全部、五股區褒子寮地區(興珍里四維路及中興路一段)、林口區太平里汕頭及崩山脚地區。</p> <p>樹林服務所 新北市地區：樹林區(柑園地區東園里、北園里、西園里、南園里、柑園里除外)、板橋區(溪崑地區溪洲里、溪福里、崑崙里、成和里、溪北里、堂春里)、新莊區(西盛里部分)</p> <p>桃園市地區：龜山區(龍華里全部、龍壽里部分、迴龍里部分)</p> <p>鶯歌服務所 新北市地區：三峽區、鶯歌區全部、樹林區(柑園及北大重劃區地區)</p> <p>桃園市地區：八德區(大發里、大明里)、龜山區(山頂里)</p> <p>土城服務所 土城區全部</p> <p>泰山營運所 泰山區全部、五股區全部(褒子寮地區(興珍里四維路及中興路一段)除外)</p>

資料來源：依據本公司供水處提供之「本公司107年底各區管理處營運中供水系統設計供水人口及供水能力統計表」資料彙編。

Table 2 Quantity of Water Yield  
(1) by Month

Period & Branch	— real number —						unit:M <sup>3</sup>
	Total	Jan.	Feb.	Mar.	Apr.	May	June
1974	429,357,104	30,699,033	27,650,597	30,784,904	30,226,740	32,373,526	32,030,040
1975	461,995,434	33,000,796	32,720,827	35,529,759	35,197,584	37,349,097	37,340,781
1976	487,586,996	35,576,022	34,071,634	37,618,673	36,819,916	40,135,518	41,663,468
1977	552,286,833	42,619,026	39,677,261	43,508,712	43,128,321	44,678,825	45,604,957
1978	653,866,592	49,048,714	46,081,911	49,715,330	50,359,335	52,481,382	53,883,711
1979	728,881,919	57,823,647	52,896,266	57,815,165	57,298,806	60,295,981	60,300,653
1980	793,337,387	60,484,916	58,372,826	61,550,056	61,436,098	66,515,754	65,788,105
1981	867,313,209	68,555,794	63,258,411	68,756,781	67,036,036	70,553,618	69,732,633
1982	956,477,657	74,041,941	69,619,488	74,949,800	72,997,045	77,313,794	78,646,182
1983	1,051,121,564	83,168,574	76,773,892	83,648,812	84,250,125	87,964,436	88,683,800
1984	1,095,957,410	86,894,062	81,003,426	87,961,039	86,773,350	89,461,273	91,785,034
1985	1,178,284,418	90,794,588	88,492,326	92,225,593	92,030,359	98,511,833	97,803,861
1986	1,250,021,786	98,684,588	90,732,114	99,788,662	99,014,193	103,209,042	96,424,300
1987	1,352,094,988	105,900,864	98,523,639	107,613,083	107,406,046	111,040,464	110,655,342
1988	1,490,714,269	117,345,769	111,711,723	117,208,579	116,470,347	125,132,783	124,199,820
1989	1,610,791,978	128,853,720	117,894,288	128,339,238	126,710,276	133,961,216	133,860,724
1990	1,710,180,259	138,984,409	126,293,691	138,323,936	135,160,805	143,064,857	138,311,035
1991	1,811,601,801	145,327,429	133,510,229	146,933,024	143,433,032	150,273,611	148,063,962
1992	1,929,080,407	157,191,464	145,491,155	154,703,096	151,625,752	159,739,880	159,664,410
1993	2,019,128,425	165,810,983	152,256,306	166,288,994	162,555,454	168,117,715	167,955,671
1994	2,073,340,309	157,047,484	147,031,265	164,513,237	163,738,781	168,021,611	170,756,058
1995	2,081,480,615	177,601,713	160,700,963	173,815,951	160,672,752	160,724,844	155,182,867
1996	2,118,982,235	164,026,088	161,283,707	169,675,602	168,943,463	169,518,179	177,012,015
1997	2,239,643,755	183,936,603	170,760,608	186,784,804	183,651,900	183,093,773	184,246,021
1998	2,318,879,706	191,590,151	180,666,658	196,863,548	186,541,857	181,444,578	186,887,035
1999	2,436,639,978	198,220,495	189,009,288	192,960,904	192,332,871	192,239,906	198,424,631
2000	2,796,334,287	215,752,106	203,611,840	211,957,271	214,388,791	223,288,806	237,876,440
2001	2,875,845,981	245,792,967	223,431,215	244,435,614	239,485,981	239,839,246	237,067,336
2002	2,805,774,102	241,009,840	218,870,076	237,171,368	229,034,351	219,605,725	219,909,980
2003	2,862,833,862	243,185,369	215,716,692	239,232,258	235,183,753	243,869,462	235,899,777
2004	2,879,000,733	234,120,571	217,997,334	235,275,715	233,240,638	246,249,644	241,553,136
2005	2,976,236,452	252,302,805	228,668,099	253,974,046	246,944,843	255,748,872	247,516,622
2006	3,000,989,220	250,259,739	221,381,660	246,821,600	240,094,180	253,176,235	250,420,766
2007	3,041,697,209	252,275,767	229,303,685	250,559,236	243,962,257	256,452,163	251,483,370
2008	2,998,261,037	258,854,069	238,805,890	251,769,887	245,209,726	254,989,835	245,211,772
2009	2,898,432,285	245,311,639	217,935,519	241,218,279	233,160,010	246,670,286	240,937,585
2010	2,981,258,972	241,191,481	221,560,757	250,957,486	239,466,834	250,651,289	245,604,710
2011	2,992,937,146	255,769,783	227,785,559	248,436,477	239,032,354	246,665,468	246,853,331

Table 2 Quantity of Water Yield

(1) by Month

— real number —

unit:M<sup>3</sup>

Period & Branch	Total	Jan.	Feb.	Mar.	Apr.	May	June
2012	3,019,817,591	256,523,824	236,332,491	258,609,405	247,242,429	256,324,706	249,478,587
2013	3,023,318,112	255,565,955	230,284,467	249,440,010	245,463,205	257,437,780	253,721,555
2014	3,073,716,977	260,610,054	230,430,529	253,890,616	246,748,839	259,686,943	260,545,427
2015	2,977,626,123	253,413,383	226,050,713	241,846,278	225,806,199	245,632,033	250,458,272
2016	3,048,232,453	253,008,155	240,281,628	252,921,393	246,712,231	253,044,141	246,297,807
2017	3,044,691,770	258,260,791	225,293,147	251,304,021	242,226,209	257,554,708	254,884,307
2018	3,023,136,586	264,475,001	238,645,469	262,243,673	247,216,758	257,814,218	246,512,822
1st Branch	124,858,680	10,855,944	9,988,532	10,789,827	10,170,141	10,045,361	9,290,318
2nd Branch	399,552,068	35,066,788	30,226,115	33,284,041	31,751,123	35,086,432	34,052,136
3rd Branch	262,826,985	20,675,752	19,278,807	22,475,004	21,276,462	23,187,467	22,374,372
4th Branch	625,625,716	54,154,432	47,589,915	52,211,930	50,338,122	53,704,963	52,670,359
5th Branch	213,266,423	17,578,844	16,438,601	17,706,567	17,194,670	18,032,504	17,064,974
6th Branch	329,673,270	28,196,157	25,115,999	28,355,339	26,725,329	27,139,651	25,590,944
7th Branch	630,669,461	55,865,055	50,884,544	56,135,637	55,993,016	57,860,717	55,003,386
8th Branch	66,706,563	5,742,570	5,201,109	5,576,330	5,435,187	5,954,417	5,296,090
9th Branch	41,945,957	3,529,564	3,727,253	4,127,630	3,970,695	3,835,010	3,467,605
10th Branch	27,377,587	2,123,033	2,029,358	2,102,902	2,095,693	2,245,972	2,201,649
11th Branch	108,370,941	9,315,196	8,619,544	9,111,718	8,863,135	9,359,763	9,086,639
12th Branch	192,262,935	21,371,666	19,545,692	20,366,748	13,403,185	11,361,961	10,414,350

## Table 2 Quantity of Water Yield

(1) by Month

— real number —

unit: M<sup>3</sup>

Period & Branch	July	Aug.	Sep.	Oct.	Nov.	Dec.
1974	40,402,505	41,475,896	40,273,696	43,150,389	40,874,796	39,414,982
1975	41,726,504	42,776,157	42,186,651	42,846,380	41,753,299	39,567,599
1976	43,894,243	44,427,792	43,867,662	44,763,734	42,182,554	42,565,780
1977	47,197,558	47,689,613	49,022,443	51,211,050	48,348,608	49,600,459
1978	58,670,168	59,426,961	59,563,557	59,624,803	57,351,898	57,658,822
1979	64,767,156	64,648,230	64,452,217	64,846,997	62,382,923	61,353,878
1980	70,223,977	68,659,423	70,659,155	71,326,443	68,463,935	69,856,699
1981	74,456,126	76,661,509	76,971,711	79,288,774	76,069,948	75,971,868
1982	82,902,714	86,061,015	86,315,679	87,569,328	82,847,035	83,213,636
1983	94,094,304	92,713,214	90,925,650	92,166,315	88,583,953	88,148,489
1984	96,412,114	96,479,273	96,277,613	97,340,489	92,535,972	93,033,765
1985	103,939,358	102,590,328	104,835,590	105,539,074	100,661,984	100,859,524
1986	109,835,951	112,094,137	110,962,871	111,860,740	108,579,700	108,835,488
1987	117,675,703	120,145,007	119,324,766	121,179,084	116,271,527	116,359,463
1988	131,212,152	131,655,924	128,857,850	131,984,869	126,333,764	128,600,689
1989	141,360,811	143,216,411	137,594,430	142,215,080	137,628,721	139,157,063
1990	149,113,123	149,380,318	145,783,441	152,433,504	145,121,136	148,210,004
1991	157,491,287	160,072,170	156,324,282	160,851,041	153,182,632	156,139,102
1992	167,326,975	167,306,852	165,946,500	170,791,581	163,108,539	166,184,203
1993	179,566,585	179,894,759	171,578,644	173,977,690	165,174,732	165,950,892
1994	183,029,317	182,132,260	183,196,541	187,158,196	183,198,665	183,516,894
1995	186,874,055	187,988,239	179,168,826	186,634,019	178,002,732	174,113,654
1996	183,448,134	178,749,176	185,838,253	188,712,417	184,575,287	187,199,914
1997	189,208,064	190,661,764	193,046,912	193,175,953	187,266,452	193,810,901
1998	196,708,278	197,054,677	199,117,457	203,722,481	198,295,179	199,987,807
1999	206,208,952	212,328,835	209,763,262	211,108,353	216,805,933	217,236,548
2000	253,734,271	246,396,508	242,809,134	253,358,466	243,490,366	249,670,288
2001	241,942,717	245,091,869	234,388,118	244,309,002	238,500,193	241,561,723
2002	235,234,796	242,018,737	237,608,933	245,832,114	235,509,822	243,968,360
2003	250,683,243	243,468,551	238,206,415	245,911,594	233,507,416	237,969,332
2004	243,447,882	244,376,564	239,853,818	253,179,868	244,043,247	245,662,316
2005	251,228,340	248,505,860	243,562,627	254,524,539	245,631,435	247,628,364
2006	261,451,687	261,227,783	253,862,044	262,309,926	248,805,578	251,178,022
2007	265,753,345	260,284,861	255,296,239	261,352,290	255,037,673	259,936,323
2008	255,012,543	256,655,287	246,814,127	254,048,703	242,881,028	248,008,170
2009	251,502,248	245,980,771	243,194,383	250,568,042	239,365,569	242,587,954
2010	258,123,176	258,567,236	249,807,442	259,749,159	249,186,592	256,392,810
2011	259,608,700	260,432,386	249,971,596	256,142,952	247,178,859	255,059,681

## Table 2 Quantity of Water Yield

(1) by Month

— real number —

unit: M<sup>3</sup>

Period & Branch	July	Aug.	Sep.	Oct.	Nov.	Dec.
2012	255,788,005	255,581,613	249,751,184	257,969,697	243,763,842	252,451,808
2013	259,897,947	259,282,971	250,506,399	257,320,251	250,044,763	254,352,809
2014	268,513,732	266,973,341	257,494,175	262,990,249	249,507,713	256,325,359
2015	259,731,027	259,231,010	250,722,159	257,547,925	247,815,685	259,371,439
2016	257,409,427	260,796,416	253,870,812	264,419,682	255,014,491	264,456,270
2017	263,993,717	264,685,864	247,894,069	255,479,330	253,414,708	269,700,899
2018	256,402,292	258,697,744	253,418,753	250,557,949	230,331,356	256,820,551
1st Branch	10,641,475	11,038,214	11,071,722	11,415,051	9,749,586	9,802,509
2nd Branch	32,228,812	34,310,497	32,019,358	31,789,717	31,668,553	38,068,496
3rd Branch	23,424,503	23,761,103	23,266,965	22,824,152	19,210,308	21,072,090
4th Branch	54,136,346	54,238,802	51,394,159	52,672,572	49,705,531	52,808,585
5th Branch	18,002,121	18,016,811	18,078,331	18,712,996	17,943,480	18,496,524
6th Branch	28,197,186	28,362,405	28,650,418	28,193,292	26,287,652	28,858,898
7th Branch	54,188,310	51,964,962	49,778,980	45,684,081	46,887,008	50,423,765
8th Branch	5,765,163	5,675,709	5,387,434	5,425,643	5,385,503	5,861,408
9th Branch	3,656,450	3,406,690	3,059,637	3,111,190	2,984,570	3,069,663
10th Branch	2,364,041	2,436,184	2,392,055	2,557,179	2,441,972	2,387,549
11th Branch	9,343,815	9,592,042	9,178,155	8,275,038	8,424,504	9,201,392
12th Branch	14,454,070	15,894,325	19,141,539	19,897,038	9,642,689	16,769,672

Table 2. Quantity of Water Yield

(2) by Branch

— real number —

unit:M<sup>3</sup>

Period & Branch	Total	1st Branch	2nd Branch	3rd Branch	4th Branch	5th Branch	6th Branch
1974	429,357,104	36,372,072	43,189,793	29,803,024	57,542,823	—	43,055,272
1975	461,995,434	41,273,143	50,539,188	29,295,712	87,748,453	39,972,831	48,405,411
1976	487,586,996	39,127,135	61,952,047	29,503,278	82,699,472	40,913,282	51,951,013
1977	552,286,833	39,544,535	75,285,632	32,483,627	86,202,218	43,301,760	60,376,901
1978	653,866,592	41,432,310	111,401,424	36,622,833	94,874,004	50,378,941	71,797,265
1979	728,881,919	44,824,509	137,166,764	40,187,842	97,806,423	57,399,799	81,495,146
1980	793,337,387	46,116,219	165,918,897	42,991,964	100,183,670	63,683,743	87,531,534
1981	867,313,209	49,175,214	185,455,874	45,408,101	111,703,700	72,285,523	95,671,235
1982	956,477,657	52,800,581	218,950,428	47,115,889	123,437,495	81,491,618	106,279,577
1983	1,051,121,564	57,353,534	236,873,919	51,337,554	139,635,506	89,899,099	117,656,550
1984	1,095,957,410	62,745,496	233,929,428	53,577,740	153,015,088	94,318,798	125,554,503
1985	1,178,284,418	65,697,705	228,237,178	59,328,647	167,656,210	100,928,127	140,673,076
1986	1,250,021,786	66,864,048	258,187,009	64,618,916	180,528,070	106,866,369	146,188,084
1987	1,352,094,988	68,215,775	278,426,977	71,553,840	208,842,884	112,279,655	150,354,774
1988	1,490,714,269	70,305,822	287,490,548	80,833,396	230,702,320	123,197,529	157,219,385
1989	1,610,791,978	73,496,889	118,101,398	90,521,939	257,497,256	133,924,431	168,418,610
1990	1,710,180,259	76,709,311	121,688,565	101,364,526	280,824,459	141,252,102	180,750,656
1991	1,811,601,801	79,540,279	142,391,584	112,119,479	307,818,117	140,621,890	185,938,338
1992	1,929,080,407	81,241,567	165,725,730	113,564,283	346,799,923	148,080,032	195,607,860
1993	2,019,128,425	80,468,553	172,472,567	122,842,706	379,994,542	154,758,840	194,993,634
1994	2,073,340,309	79,984,806	190,000,661	119,111,923	379,965,761	164,206,927	248,511,038
1995	2,081,480,615	88,124,921	209,340,946	126,139,289	377,194,504	163,665,506	231,930,918
1996	2,118,982,235	80,089,726	227,550,600	130,952,742	380,313,943	164,275,453	231,714,536
1997	2,239,643,755	86,552,911	243,190,198	140,508,263	387,306,202	170,854,188	276,929,452
1998	2,318,879,706	92,397,573	258,893,061	158,787,795	390,366,246	174,811,034	298,758,287
1999	2,436,639,978	95,823,610	278,811,641	167,794,773	411,826,366	175,025,645	340,786,881
2000	2,796,334,287	127,324,638	301,186,358	192,159,071	509,925,329	184,248,492	370,109,622
2001	2,875,845,981	141,737,923	307,627,798	209,847,176	511,184,367	190,941,968	393,355,664
2002	2,805,774,102	143,210,958	314,959,298	199,954,702	506,296,175	185,886,571	333,877,170
2003	2,862,833,862	144,360,194	335,618,684	218,150,807	540,305,993	189,169,063	305,773,611
2004	2,879,000,733	150,352,827	327,322,886	227,791,775	579,159,370	187,659,257	308,921,767
2005	2,976,236,452	151,277,246	342,686,078	236,506,315	581,990,387	193,629,077	341,193,385
2006	3,000,989,220	149,798,702	367,393,149	244,407,664	563,516,338	203,213,307	347,597,521
2007	3,041,697,209	144,541,365	377,232,844	251,657,806	560,134,007	206,579,623	332,653,269
2008	2,998,261,037	145,790,765	374,820,537	252,240,508	560,952,082	201,033,842	321,684,024
2009	2,898,432,285	141,002,040	368,330,468	239,355,913	550,349,513	200,942,936	317,856,477
2010	2,981,258,972	137,837,953	378,391,882	251,264,838	573,304,914	199,909,245	314,366,537
2011	2,992,937,146	136,663,015	385,774,541	252,176,024	576,299,876	200,769,841	313,428,034
2012	3,019,817,591	132,660,378	386,804,927	254,709,840	582,999,018	201,047,460	313,444,678
2013	3,023,318,112	126,980,054	388,743,086	256,996,126	595,908,375	200,685,344	324,401,069
2014	3,073,716,977	126,235,178	407,626,231	258,757,282	611,594,500	204,280,840	324,873,185
2015	2,977,626,123	126,659,765	381,639,586	256,645,653	600,082,882	205,640,442	316,491,551
2016	3,048,232,453	125,920,745	384,398,225	254,630,330	607,175,875	213,582,892	328,945,339
2017	3,044,691,770	122,363,596	401,808,896	259,806,769	620,851,430	212,503,917	326,844,562
2018	3,023,136,586	124,858,680	399,552,068	262,826,985	625,625,716	213,266,423	329,673,270

Table 2. Quantity of Water Yield

(2) by Branch

— real number —

unit:M<sup>3</sup>

Period & Branch	7th Branch	8th Branch	9th Branch	10th Branch	11th Branch	12th Branch
1974	122,223,982	—	10,705,257	5,508,155	—	—
1975	130,039,006	3,308,680	10,893,151	5,977,502	—	—
1976	142,536,862	14,636,886	11,010,840	6,138,965	7,117,216	—
1977	164,545,318	16,018,153	11,615,216	6,400,518	16,512,955	—
1978	189,934,728	17,372,584	12,798,498	7,017,664	20,236,341	—
1979	208,143,391	18,692,567	14,253,669	7,434,066	21,477,743	—
1980	221,868,894	19,050,685	14,842,385	8,237,113	22,912,283	—
1981	235,994,656	19,909,061	16,033,605	8,813,658	26,862,582	—
1982	246,609,642	20,983,659	17,245,336	9,620,843	31,942,589	—
1983	269,693,316	21,982,686	18,925,027	10,941,493	36,822,880	—
1984	274,876,853	22,925,429	19,404,981	11,578,661	44,030,433	—
1985	308,523,409	26,083,848	20,356,211	12,630,436	48,169,571	—
1986	311,318,512	26,963,625	21,545,602	13,499,120	53,442,431	—
1987	334,998,938	29,486,930	22,609,177	14,147,725	61,178,313	—
1988	367,283,090	32,730,891	23,531,403	15,179,871	67,039,551	35,200,463
1989	399,803,262	34,279,883	25,348,337	15,928,809	71,182,237	222,288,927
1990	414,163,851	36,167,941	27,055,346	16,933,786	76,462,146	236,807,570
1991	444,192,149	38,598,746	27,834,445	17,471,451	83,799,649	231,275,674
1992	480,799,872	42,442,939	28,216,739	17,500,808	88,529,880	220,570,774
1993	504,541,053	45,539,277	30,093,899	18,384,226	91,491,837	223,547,291
1994	486,101,769	47,960,208	31,642,692	18,588,755	91,954,059	215,311,710
1995	493,259,023	48,070,405	32,323,394	18,840,810	91,176,913	201,413,986
1996	519,778,226	48,598,352	31,889,239	18,916,250	91,228,338	193,674,830
1997	507,448,958	49,806,043	32,957,577	19,504,592	92,477,349	232,108,022
1998	513,671,904	50,993,189	34,729,390	19,729,782	93,587,046	232,154,399
1999	521,974,988	50,304,322	35,896,787	19,101,444	96,020,303	243,273,218
2000	576,531,590	53,999,627	45,408,419	25,806,240	106,206,368	303,428,533
2001	559,505,729	55,116,451	49,568,444	30,377,682	109,942,644	316,640,135
2002	619,705,606	57,074,402	50,201,470	29,116,760	109,704,989	255,786,001
2003	633,894,053	59,164,080	51,919,927	28,690,524	109,806,763	245,980,163
2004	610,787,680	60,259,516	53,630,010	28,493,379	108,968,693	235,653,573
2005	604,860,117	59,181,984	52,877,345	28,374,325	108,453,948	275,206,245
2006	626,159,014	60,194,140	52,580,515	27,353,791	107,003,636	251,771,443
2007	662,422,822	60,990,877	51,093,505	26,813,171	108,689,237	258,888,683
2008	642,635,494	59,685,773	46,462,226	25,696,936	107,216,857	260,041,993
2009	623,585,918	58,487,775	44,218,081	25,138,082	102,819,922	226,345,160
2010	643,111,684	59,274,280	43,953,876	28,362,534	102,968,052	248,513,177
2011	651,126,948	60,491,988	43,034,057	28,408,355	99,087,253	245,677,214
2012	649,266,234	61,148,839	42,366,741	26,170,917	99,060,433	270,138,126
2013	635,179,814	62,355,607	41,748,032	26,532,122	100,137,643	263,650,840
2014	660,685,455	63,092,990	43,414,032	26,714,611	100,119,761	246,322,912
2015	636,134,805	64,526,472	43,136,659	26,552,671	100,988,848	219,126,789
2016	631,764,873	65,273,801	42,063,571	27,880,045	103,621,032	262,975,725
2017	647,324,783	66,245,239	41,038,548	27,832,320	105,429,109	212,642,601
2018	630,669,461	66,706,563	41,945,957	27,377,587	108,370,941	192,262,935

Table 2. Quantity of Water Yield

(2) by Branch

— Link Index —

unit:%

Period & Branch	Total	1st Branch	2nd Branch	3rd Branch	4th Branch	5th Branch	6th Branch	7th Branch	8th Branch	9th Branch	10th Branch	11th Branch	12th Branch
1974	—	—	—	—	—	—	—	—	—	—	—	—	—
1975	107.60	113.47	117.02	98.30	152.49	—	112.43	106.39	—	101.76	108.52	—	—
1976	105.54	94.80	122.58	100.71	94.25	102.35	107.32	109.61	442.38	101.08	102.70	—	—
1977	113.27	101.07	121.52	110.10	104.24	105.84	116.22	115.44	109.44	105.49	104.26	232.01	—
1978	118.39	104.77	147.97	112.74	110.06	116.34	118.92	115.43	108.46	110.19	109.64	122.55	—
1979	111.47	108.19	123.13	109.73	103.09	113.94	113.51	109.59	107.60	111.37	105.93	106.13	—
1980	108.84	102.88	120.96	106.98	102.43	110.95	107.41	106.59	101.92	104.13	110.80	106.68	—
1981	109.32	106.63	111.78	105.62	111.50	113.51	109.30	106.37	104.51	108.03	107.00	117.24	—
1982	110.28	107.37	118.06	103.76	110.50	112.74	111.09	104.50	105.40	107.56	109.16	118.91	—
1983	109.90	108.62	108.19	108.96	113.12	110.32	110.70	109.36	104.76	109.74	113.73	115.28	—
1984	104.27	109.40	98.76	104.36	109.58	104.92	106.71	101.92	104.29	102.54	105.82	119.57	—
1985	107.51	104.71	97.57	110.73	109.57	107.01	112.04	112.24	113.78	104.90	109.08	109.40	—
1986	106.09	101.78	113.12	108.92	107.68	105.88	103.92	100.91	103.37	105.84	106.88	110.95	—
1987	108.17	102.02	107.84	110.73	115.68	105.07	102.85	107.61	109.36	104.94	104.80	114.48	—
1988	110.25	103.06	103.26	112.97	110.47	109.72	104.57	109.64	111.00	104.08	107.30	109.58	—
1989	108.06	104.54	41.08	111.99	111.61	108.71	107.12	108.85	104.73	107.72	104.93	106.18	631.49
1990	106.17	104.37	103.04	111.98	109.06	105.47	107.32	103.59	105.51	106.73	106.31	107.42	106.53
1991	105.93	103.69	117.01	110.61	109.61	99.55	102.87	107.25	106.72	102.88	103.18	109.60	97.66
1992	106.48	102.14	116.39	101.29	112.66	105.30	105.20	108.24	109.96	101.37	100.17	105.64	95.37
1993	104.67	99.05	104.07	108.17	109.57	104.51	99.69	104.94	107.30	106.65	105.05	103.35	101.35
1994	102.68	99.40	110.16	96.96	99.99	106.11	127.45	96.35	105.32	105.15	101.11	100.51	96.32
1995	100.39	110.18	110.18	105.90	99.27	99.67	93.33	101.47	100.23	102.15	101.36	99.15	93.55
1996	101.80	90.88	108.70	103.82	100.83	100.37	99.91	105.38	101.10	98.66	100.40	100.06	96.16
1997	105.69	108.07	106.87	107.30	101.84	104.00	119.51	97.63	102.49	103.35	103.11	101.37	119.84
1998	103.54	106.75	106.46	113.01	100.79	102.32	107.88	101.23	102.38	105.38	101.15	101.20	100.02
1999	105.08	103.71	107.69	105.67	105.50	100.12	114.07	101.62	98.65	103.36	96.82	102.60	104.79
2000	114.76	132.87	108.03	114.52	123.82	105.27	108.60	110.45	107.35	126.50	135.10	110.61	124.73
2001	102.84	111.32	102.14	109.20	100.25	103.63	106.28	97.05	102.07	109.16	117.71	103.52	104.35
2002	97.56	101.04	102.38	95.29	99.04	97.35	84.88	110.76	103.55	101.28	95.85	99.78	80.78
2003	102.03	100.80	106.56	109.10	106.72	101.77	91.58	102.29	103.66	103.42	98.54	100.09	96.17
2004	100.56	104.15	97.53	104.42	107.19	99.20	101.03	96.35	101.85	103.29	99.31	99.24	95.80
2005	103.38	100.61	104.69	103.83	100.49	103.18	110.45	99.03	98.21	98.60	99.58	99.53	116.78
2006	100.83	99.02	107.21	103.34	96.83	104.95	101.88	103.52	101.71	99.44	96.40	98.66	91.48
2007	101.36	96.49	102.68	102.97	99.40	101.66	95.70	105.79	101.32	97.17	98.02	101.58	102.83
2008	98.57	100.86	99.36	100.23	100.15	97.32	96.70	97.01	97.86	90.94	95.84	98.65	100.45
2009	96.67	96.72	98.27	94.89	98.11	99.95	98.81	97.04	97.99	95.17	97.83	95.90	87.04
2010	102.86	97.76	102.73	104.98	104.17	99.49	98.90	103.13	101.34	99.40	112.83	100.14	109.79
2011	100.39	99.15	101.95	100.36	100.52	100.43	99.70	101.25	102.05	97.91	100.16	96.23	98.86
2012	100.90	97.07	100.27	101.00	101.16	100.14	100.01	99.71	101.09	98.45	92.12	99.97	109.96
2013	100.12	95.72	100.50	100.90	102.21	99.82	103.50	97.83	101.97	98.54	101.38	101.09	97.60
2014	101.67	99.41	104.86	100.69	102.63	101.79	100.15	104.02	101.18	103.99	100.69	99.98	93.43
2015	96.87	100.34	93.62	99.18	98.12	100.67	97.42	96.28	102.27	99.36	99.39	100.87	88.96
2016	102.37	99.42	100.72	99.21	101.18	103.86	103.93	99.31	101.16	97.51	105.00	102.61	120.01
2017	99.88	97.18	104.53	102.03	102.25	99.49	99.36	102.46	101.49	97.56	99.83	101.74	80.86
2018	99.29	102.04	99.44	101.16	100.77	100.36	100.87	97.43	100.70	102.21	98.37	102.79	90.42

Table 3 The Quantity of Yield、Electricity、Medicament

Period & Water Supply System	Yield (M <sup>3</sup> )		(CMD) Capacity of Water Supply System	(CMD) Capacity of Water- Purification- Station	Consumed Electricity	Volume of Sterile Medicament (Kg)		
	Total	Average Daily				Cl2	Chlorinated Lime	NaOCl
1974	429,357,104	1,176,321	...	1,552,559	106,763,771	705,481	52,410	237,321
1975	461,995,434	1,265,741	...	1,802,000	146,957,079	1,035,331	73,446	232,072
1976	487,586,996	1,332,205	...	2,439,390	182,010,350	1,358,874	67,496	403,220
1977	552,286,833	1,513,115	...	2,731,112	184,841,554	1,441,329	52,044	575,127
1978	653,866,592	1,791,415	...	2,921,834	218,618,340	1,690,926	47,721	318,980
1979	728,881,919	1,996,937	...	3,187,036	251,902,383	1,797,682	46,501	323,292
1980	793,337,387	2,167,588	...	3,504,362	276,761,967	2,225,948	51,416	318,336
1981	867,313,209	2,376,201	...	3,825,797	303,472,822	2,755,157	38,334	331,057
1982	956,477,657	2,620,487	...	4,129,527	331,923,375	3,280,909	37,194	271,256
1983	1,051,121,564	2,879,785	...	4,310,992	353,765,003	4,136,079	18,191	312,324
1984	1,095,957,410	2,994,419	...	4,627,277	370,583,402	4,600,919	28,382	327,042
1985	1,178,284,418	3,228,176	...	5,164,400	406,429,071	4,306,483	16,511	354,038
1986	1,250,021,786	3,424,717	...	5,374,350	430,066,848	5,291,472	13,515	271,573
1987	1,352,094,988	3,704,370	...	5,466,645	451,410,930	5,959,419	16,805	246,084
1988	1,490,714,269	4,072,990	...	5,620,374	495,458,022	7,110,516	10,995	260,359
1989	1,610,791,978	4,413,129	...	5,917,309	520,457,377	8,167,864	11,026	254,116
1990	1,710,180,259	4,685,425	...	5,996,189	535,275,993	8,357,617	10,948	222,606
1991	1,811,601,801	4,963,293	...	6,434,490	572,360,361	9,502,779	12,051	371,736
1992	1,929,080,407	5,270,711	...	6,883,920	613,344,678	9,449,348	15,329	827,533
1993	2,019,128,425	5,531,859	...	7,333,710	649,885,410	10,774,536	11,997	763,873
1994	2,073,340,309	5,680,384	...	8,075,610	657,834,056	10,554,037	11,906	1,718,567
1995	2,081,480,615	5,702,687	...	8,444,940	701,895,022	13,047,775	7,017	6,833,230
1996	2,118,982,235	5,789,569	...	8,508,620	724,761,601	15,086,113	6,270	9,111,721
1997	2,239,643,755	6,136,010	...	8,621,420	737,470,621	11,831,051	1,992	9,685,342
1998	2,318,879,706	6,353,095	...	8,696,035	753,403,333	10,038,597	1,679	10,141,937
1999	2,436,639,978	6,675,726	...	8,906,825	792,976,240	10,786,878	3,163	12,606,762
2000	2,796,334,287	7,640,258	...	9,078,105	850,239,042	11,771,173	498	13,887,423
2001	2,875,845,981	7,879,030	...	9,437,610	859,853,258	9,480,269	—	17,233,934
2002	2,805,774,102	7,687,052	...	9,610,556	869,393,550	10,538,392	—	19,041,036
2003	2,862,833,862	7,843,380	...	11,194,380	887,489,266	9,138,203	—	20,467,811
2004	2,879,000,733	7,866,122	10,555,630	12,214,740	939,190,070	7,204,752	—	23,271,146
2005	2,976,236,452	8,154,072	10,380,180	12,200,828	939,516,672	7,724,367	—	22,414,199
2006	3,000,989,220	8,221,888	10,531,240	12,468,638	997,432,327	6,341,627	—	21,342,194
2007	3,041,697,209	8,333,417	10,455,650	12,212,868	987,194,055	5,818,834	—	22,167,590
2008	2,998,261,037	8,191,970	10,460,560	12,336,018	948,369,978	3,452,755	—	21,792,698
2009	2,898,432,285	7,940,910	10,777,620	12,688,418	930,662,101	3,451,962	—	22,318,308
2010	2,981,258,972	8,167,833	10,808,340	12,742,878	975,745,068	3,688,024	—	21,660,639
2011	2,992,937,146	8,199,828	10,909,142	13,041,072	970,900,563	3,687,742	—	21,353,190
2012	3,019,817,591	8,250,868	10,892,962	13,014,672	960,029,339	3,416,531	—	22,212,893
2013	3,023,318,112	8,283,063	11,047,152	13,142,632	937,348,603	3,546,162	—	22,792,959

Table 3 The Quantity of Yield、Electricity、Medicament

Period & Water Supply System		Yield (M <sup>3</sup> )		(CMD)	(CMD)	Consumed Electricity	Volume of Sterile Medicament (Kg)		
		Total	Average Daily	Capacity of Water Supply System	Capacity of Water-Purification-Station		Cl <sub>2</sub>	Chlorinated Lime	NaOCl
<b>2014</b>		<b>3,073,716,977</b>	<b>8,421,142</b>	<b>11,233,359</b>	<b>13,435,992</b>	<b>950,263,249</b>	<b>3,862,850</b>	—	<b>23,830,833</b>
<b>2015</b>		<b>2,977,626,123</b>	<b>8,157,880</b>	<b>11,410,963</b>	<b>13,414,732</b>	<b>909,482,891</b>	<b>3,598,512</b>	—	<b>27,047,116</b>
<b>2016</b>		<b>3,048,232,453</b>	<b>8,328,504</b>	<b>11,419,323</b>	<b>13,779,752</b>	<b>906,832,417</b>	<b>3,237,436</b>	—	<b>27,054,033</b>
<b>2017</b>		<b>3,044,691,770</b>	<b>8,341,621</b>	<b>11,820,453</b>	<b>13,927,402</b>	<b>936,363,065</b>	<b>2,940,523</b>	—	<b>31,766,297</b>
<b>2018</b>		<b>3,023,136,586</b>	<b>8,282,566</b>	<b>11,797,679</b>	<b>13,884,102</b>	<b>963,822,779</b>	<b>2,959,258</b>	—	<b>32,681,189</b>
<b>1st Branch</b>		<b>124,858,680</b>	<b>342,079</b>	<b>512,400</b>	<b>510,800</b>	<b>68,633,939</b>	<b>297,916</b>	—	<b>1,141,977</b>
Keelung	System	111,413,691	305,243	459,600	458,000	57,695,190	297,916	—	881,352
Pinglin	System	4,299,572	11,780	18,900	18,900	3,765,015	—	—	96,687
Danshuei	System	7,034,603	19,273	25,500	25,500	6,888,216	—	—	142,951
Jinshan	System	1,896,026	5,195	8,000	8,000	55,795	—	—	18,179
Wulai	System	214,788	588	400	400	229,723	—	—	2,808
<b>2nd Branch</b>		<b>399,552,068</b>	<b>1,094,663</b>	<b>1,461,300</b>	<b>1,364,350</b>	<b>214,727,596</b>	<b>606,175</b>	—	<b>1,588,349</b>
Shihmen	System	399,201,361	1,093,702	1,460,000	1,363,500	214,631,779	606,175	—	1,580,843
Fusing	System	350,707	961	1,300	850	95,817	—	—	7,506
<b>3rd Branch</b>		<b>262,826,985</b>	<b>720,074</b>	<b>1,110,380</b>	<b>1,110,380</b>	<b>87,098,140</b>	—	—	<b>6,723,473</b>
Hsinchu	System	173,773,405	476,092	739,000	739,000	59,423,996	—	—	4,457,069
Jhudong	System	9,255,488	25,358	30,000	30,000	1,881,109	—	—	81,695
Jianshih	System	186,116	510	570	570	10,832	—	—	2,697
Meihua	System	25,537	70	230	230	16,589	—	—	648
Beipu	System	1,309,418	3,587	8,000	8,000	107,683	—	—	22,176
Wufong	System	257,445	705	980	980	80,660	—	—	2,684
Neiwan	System	166,037	455	900	900	127,366	—	—	2,920
Sinpu	System	1,356,527	3,717	6,800	6,800	1,219,767	—	—	54,286
Miaoli	System	9,323,886	25,545	49,000	49,000	3,229,982	—	—	412,281
Dahu	System	1,500,153	4,110	6,800	6,800	653,276	—	—	13,594
JhunanToufen	System	58,587,067	160,513	240,000	240,000	5,342,592	—	—	1,532,077
Liyutan	System	2,119,940	5,808	10,400	9,400	12,469,240	—	—	37,546
Nanjhuang	System	1,859,828	5,095	6,000	7,000	789,174	—	—	31,974
Cyonglin	System	1,007,605	2,761	3,900	3,900	559,061	—	—	11,499
Guan W.	System	2,098,533	5,749	7,800	7,800	1,186,813	—	—	60,327
<b>4th Branch</b>		<b>625,625,716</b>	<b>1,714,043</b>	<b>1,889,459</b>	<b>2,978,350</b>	<b>114,025,040</b>	<b>941,577</b>	—	<b>1,491,690</b>
Taichung	System	540,500,219	1,480,823	1,498,748	2,383,000	49,293,525	941,577	—	347,313
Sinshe	System	2,006,495	5,497	11,000	13,750	3,037,294	—	—	20,242
Guguan	System	3,681	10	27	160	36,411	—	—	80
Wufong	System	6,091,320	16,689	17,300	25,500	2,338,068	—	—	45,479
Dongshih	System	4,459,499	12,218	30,000	41,600	5,015,961	—	—	81,651
Jhuolan	System	1,504,696	4,122	7,500	10,500	1,914,065	—	—	19,559
Lishan	System	219,139	600	1,600	3,500	461,880	—	—	1,362
Puli	System	8,827,561	24,185	29,553	31,000	5,529,137	—	—	114,606
Dapingding	System	161,865	443	443	600	189,317	—	—	1,913
Wushe	System	308,266	845	845	1,900	402,325	—	—	3,198
Rihyuetan	System	1,475,824	4,043	4,215	8,000	1,075,601	—	—	14,841
Dehua	System	140,873	386	386	600	72,072	—	—	1,046

Table 3 The Quantity of Yield、Electricity、Medicament

Period & Water Supply System		Yield (M <sup>3</sup> )		(CMD)	(CMD)	Consumed Electricity	Volume of Sterile Medicament (Kg)		
		Total	Average Daily	Capacity of Water Supply System	Capacity of Water-Purification-Station		C12	Chlorinated Lime	NaOCl
Dadu	System	2,287,760	6,268	9,300	22,000	1,270,431	—	—	48,673
Nantou	System	9,144,357	25,053	64,000	148,100	19,425,442	—	—	45,481
Shueili	System	23,452,200	64,253	113,000	116,800	4,863,583	—	—	445,289
Sinyi	System	206,593	566	1,100	1,210	394,196	—	—	106
Dajia	System	5,627,026	15,417	22,200	39,800	2,778,180	—	—	68,891
Waipu	System	1,357,720	3,720	4,200	5,800	746,560	—	—	19,952
Caotun	System	14,177,493	38,842	59,440	106,300	11,664,917	—	—	149,120
Pingding	System	15,554	43	180	180	3,956	—	—	436
Lugu	System	1,645,602	4,508	8,000	11,200	2,077,932	—	—	41,314
Dili	System	35,867	98	650	950	43,971	—	—	907
Renlun	System	43,048	118	250	300	82,229	—	—	722
Luonuo	System	118,255	324	550	600	181,488	—	—	589
Guosing	System	1,814,803	4,972	4,972	5,000	1,126,499	—	—	18,920
	<b>5th Branch</b>	<b>213,266,423</b>	<b>584,292</b>	<b>1,219,531</b>	<b>1,255,590</b>	<b>40,098,212</b>	—	—	<b>5,643,283</b>
Chiayi	System	90,601,195	248,222	404,050	410,000	14,229,201	—	—	2,717,082
Dabang	System	26,603	73	300	300	57,705	—	—	252
Dapu	System	252,907	693	1,080	2,500	123,840	—	—	2,920
Yunlin	System	121,864,490	333,875	809,841	838,530	25,594,478	—	—	2,919,568
Alishan	System	236,625	648	1,600	1,600	3,808	—	—	1,640
Leye	System	284,603	780	2,660	2,660	89,180	—	—	1,821
	<b>6th Branch</b>	<b>329,673,270</b>	<b>903,214</b>	<b>1,214,677</b>	<b>1,319,300</b>	<b>35,833,542</b>	—	—	<b>8,225,345</b>
Tainan	System	328,066,628	898,813	1,207,321	1,311,500	34,996,186	—	—	8,192,202
NansiYujing	System	1,606,642	4,402	7,356	7,800	837,356	—	—	33,143
	<b>7th Branch</b>	<b>630,669,461</b>	<b>1,727,862</b>	<b>2,073,120</b>	<b>2,676,555</b>	<b>247,429,918</b>	<b>487,833</b>	—	<b>2,683,253</b>
Kaohsiung	System	545,847,974	1,495,474	1,750,000	2,341,000	211,446,073	487,833	—	1,073,824
Cishan	System	3,818,831	10,463	24,000	21,000	4,086,600	—	—	49,397
Maolin	System	105,402	289	500	500	108,032	—	—	685
Meinong	System	3,378,038	9,255	12,000	12,000	1,085,482	—	—	36,278
Guangsing	System	224,845	616	1,500	1,500	149,374	—	—	1,460
Jiasian	System	506,278	1,387	2,040	2,040	452,960	—	—	12,118
Liouguei	System	670,298	1,836	3,000	3,000	319,401	—	—	7,355
Sinwei	System	268,328	735	1,400	1,400	85,330	—	—	2,024
Jibei	System	113,700	312	450	1,000	178,720	—	—	7,150
Dongyuan	System	127,630	350	1,000	1,000	64,410	—	—	4,425
Pingtung	System	24,773,222	67,872	92,000	92,000	9,520,605	—	—	364,300
Siangtan	System	496,539	1,360	1,600	1,545	199,320	—	—	4,352
Gaoshu	System	2,654,264	7,272	9,000	11,700	954,594	—	—	17,250
Gaoshih	System	17,076	47	200	200	66,999	—	—	1,680
Sandi	System	1,668,804	4,572	3,600	3,600	1,632,270	—	—	12,000
Muzih	System	277,714	761	1,000	1,000	205,117	—	—	2,587
Nanhe	System	840,233	2,302	2,500	3,800	441,040	—	—	5,426
Sihchun	System	155,382	426	640	450	30,717	—	—	962
Singuo	System	—	—	400	1,500	76	—	—	—
Magong	System	9,152,880	25,076	26,600	32,620	4,690,020	—	—	128,911
Lun E.	System	775,724	2,125	5,000	5,000	225,006	—	—	4,527

Table 3 The Quantity of Yield、Electricity、Medicament

Period & Water Supply System		Yield (M <sup>3</sup> )		(CMD)	(CMD)	Consumed Electricity	Volume of Sterile Medicament (Kg)		
		Total	Average Daily	Capacity of Water Supply System	Capacity of Water-Purification-Station		C12	Chlorinated Lime	NaOCl
Majia	System	2,450	7	120	120	—	—	—	150
Minsheng	System	64,461	177	340	340	245	—	—	504
Baolai	System	339,359	930	1,400	1,400	302,648	—	—	10,066
Jiasing	System	7,418	20	80	80	—	—	—	36
Wutan	System	585,446	1,604	2,850	2,500	216,620	—	—	5,561
Laiyi	System	433,213	1,187	1,800	1,800	299,560	—	—	2,728
Beishih	System	812,442	2,226	13,650	13,650	400,286	—	—	7,870
Wutai	System	28,874	79	350	350	—	—	—	575
Mudan	System	30,487,265	83,527	106,300	109,130	7,546,779	—	—	869,351
Duona	System	44,211	121	250	250	38,362	—	—	288
Baisha	System	650,140	1,781	2,800	3,000	957,960	—	—	16,044
Wang-an	System	201,440	552	750	1,330	109,520	—	—	3,691
Siyu	System	844,360	2,313	2,800	3,550	1,010,540	—	—	14,180
Cimei	System	295,220	809	1,200	1,200	605,252	—	—	15,498
<b>8th Branch</b>		<b>66,706,563</b>	<b>182,758</b>	<b>355,572</b>	<b>357,882</b>	<b>17,549,173</b>	—	—	<b>701,983</b>
Yilan	System	26,390,520	72,303	118,650	118,650	6,148,483	—	—	234,897
Luodong	System	33,613,765	92,093	218,160	218,160	11,082,505	—	—	413,565
Nan-ao	System	882,895	2,419	2,210	4,300	192,360	—	—	8,318
Songluo	System	5,431,703	14,881	15,000	15,000	20,189	—	—	40,866
Yingshih	System	11,643	32	80	80	—	—	—	85
Sihji	System	33,064	91	270	270	—	—	—	859
Nanshan	System	88,129	241	210	210	—	—	—	994
Dongao	System	108,836	298	432	432	34,241	—	—	1,024
Jinyang	System	15,109	41	160	350	4,410	—	—	145
Aohua	System	130,899	359	400	430	66,985	—	—	1,230
<b>9th Branch</b>		<b>41,945,957</b>	<b>114,920</b>	<b>225,120</b>	<b>354,735</b>	<b>8,001,212</b>	—	—	<b>501,354</b>
Hualien	System	30,958,160	84,817	162,320	251,100	5,491,222	—	—	353,311
Heping	System	591,491	1,621	3,570	3,570	274,400	—	—	5,719
Shueilian	System	25,571	70	420	420	14,026	—	—	868
Fonglin	System	4,650,698	12,742	16,210	42,510	673,010	—	—	69,773
Fongbin	System	259,320	710	2,400	2,400	30,051	—	—	3,586
Rueisuei	System	1,208,435	3,311	7,200	11,400	39,141	—	—	14,590
Fuyuan	System	689,005	1,888	3,500	6,000	100,872	—	—	9,426
Gangkou	System	112,734	309	1,600	1,600	61,083	—	—	1,320
Yuli	System	2,464,167	6,751	20,400	28,235	941,030	—	—	31,076
Fuli	System	569,568	1,560	5,000	5,000	265,476	—	—	6,166
Chihnan	System	348,075	954	1,800	1,800	87,236	—	—	4,345
Songpu	System	68,733	188	700	700	23,665	—	—	1,174
<b>10th Branch</b>		<b>27,377,587</b>	<b>75,007</b>	<b>122,570</b>	<b>166,060</b>	<b>4,144,052</b>	—	—	<b>284,499</b>
Taitung	System	18,545,020	50,808	65,000	93,100	1,710,720	—	—	176,558
Chulu	System	354,401	971	2,300	2,500	84,323	—	—	2,409
Luye	System	1,186,842	3,252	5,440	8,470	301,289	—	—	11,649
Chihshang	System	1,091,895	2,991	5,300	8,400	326,873	—	—	8,258
Guanshan	System	1,078,276	2,954	5,600	6,810	142,229	—	—	11,217
Dawu	System	521,782	1,430	2,820	8,600	144,500	—	—	2,902

Table 3 The Quantity of Yield、Electricity、Medicament

Period & Water Supply System		Yield (M <sup>3</sup> )		(CMD)	(CMD)	Consumed Electricity	Volume of Sterile Medicament (Kg)		
		Total	Average Daily	Capacity of Water Supply System	Capacity of Water-Purification-Station		C12	Chlorinated Lime	NaOCl
Jinlun	System	297,284	814	1,480	2,540	8,148	—	—	2,761
Taimali	System	794,468	2,177	7,970	7,970	285,452	—	—	4,676
Siadasi	System	79,772	219	380	380	—	—	—	590
Senyong	System	29,968	82	1,000	1,000	56,206	—	—	229
Anshuo	System	174,917	479	1,000	1,000	54,868	—	—	1,160
Chenggong	System	2,338,846	6,408	18,980	19,700	864,377	—	—	55,817
Sinhua	System	28,132	77	200	200	10,746	—	—	301
Aiguopu	System	28,913	79	240	240	—	—	—	272
Lyudao	System	441,731	1,210	2,900	2,900	82,697	—	—	3,315
Lanyu	System	307,725	843	1,360	1,650	30,038	—	—	1,458
Tuban	System	47,756	131	300	300	41,586	—	—	517
Lidao	System	29,859	82	300	300	—	—	—	410
<b>11th Branch</b>		<b>108,370,941</b>	<b>296,907</b>	<b>511,350</b>	<b>587,900</b>	<b>45,664,841</b>	—	—	<b>3,690,798</b>
Changhua	System	20,101,730	55,073	88,600	115,600	9,863,256	—	—	1,178,393
Huatan	System	7,320,059	20,055	23,850	44,000	3,115,094	—	—	419,015
Beidou	System	14,074,994	38,562	95,100	95,100	5,045,720	—	—	265,630
Erlin	System	10,665,836	29,221	38,200	38,200	4,033,242	—	—	287,667
Lugang	System	14,208,356	38,927	70,800	70,800	5,695,583	—	—	579,895
Yuanlin	System	15,772,407	43,212	71,000	71,000	7,597,322	—	—	433,972
Ershuei	System	15,880,006	43,507	67,100	92,500	6,516,177	—	—	93,151
Sihu	System	10,347,553	28,349	56,700	60,700	3,798,447	—	—	433,075
<b>12th Branch</b>		<b>192,262,935</b>	<b>526,748</b>	<b>1,102,200</b>	<b>1,202,200</b>	<b>80,617,114</b>	<b>625,757</b>	—	<b>5,185</b>
BanSin	System	192,262,935	526,748	1,102,200	1,202,200	80,617,114	625,757	—	5,185

Table 3 The Quantity of Yield · Electricity · Medicament

Period & Water Supply System	Volume of Added Medicament Treatment(Kg)							
	Aluminum Sulfate (s)	Aluminum Sulfate (liq)	FeCl <sub>3</sub>	KMnO <sub>4</sub>	NaOH	PACl	Ca(OH) <sub>2</sub>	Others
	1974	2,298,457	—	—	1,183	—	—	—
1975	2,775,985	—	11,085	210	—	80	—	349,500
1976	3,007,540	1,350,940	59,072	249	52,000	—	—	297,688
1977	3,290,736	2,869,060	187,082	423	125,000	56,180	—	470,603
1978	4,344,993	1,330,005	257,356	449	506,358	381,400	—	25,770
1979	2,843,685	3,848,736	250,534	121	426,285	194,286	—	50,604
1980	3,808,263	5,460,539	169,676	135	689,861	604,207	—	24,133
1981	3,633,787	5,962,154	45,093	486	238,499	3,887,079	216,912	476,233
1982	2,019,352	5,605,363	42,390	3,970	348,639	4,055,855	86,680	253,213
1983	1,611,184	6,800,493	25,990	211	848,209	5,234,211	329,642	32,584
1984	1,303,408	6,824,814	17,770	467	916,743	6,405,680	365,301	75,506
1985	1,069,572	7,062,693	15,980	—	819,139	7,351,755	301,033	11,200
1986	678,965	9,795,508	13,090	2,350	910,169	7,497,904	269,471	9,708
1987	407,448	8,666,837	3,470	3,711	864,420	9,386,485	177,556	8,584
1988	427,038	9,589,869	—	2,996	772,428	8,228,940	170,840	8,623
1989	190,210	10,938,301	—	2,177	788,956	10,275,494	72,354	14,887
1990	288,088	13,520,028	11,254	2,367	68,923	15,384,004	144,456	619,938
1991	347,683	15,048,179	10,224	—	195,349	12,519,412	288,451	854,885
1992	257,394	15,623,378	15,593	110	1,577,587	13,762,849	278,879	739,331
1993	337,493	17,743,786	8,715	—	2,057,082	13,501,579	424,231	738,118
1994	202,599	18,923,869	22,001	—	4,059,534	22,059,521	217,543	61,822
1995	143,030	15,247,312	16,985	910	3,213,793	17,342,641	384,620	56,572
1996	92,050	18,144,936	30,920	—	4,559,708	26,272,692	402,280	129,968
1997	95,260	17,178,671	16,194	—	4,523,098	28,364,825	291,310	11,052
1998	447,056	19,473,417	—	8,400	1,733,544	33,564,356	360,210	297,449
1999	208,825	24,567,567	—	900	1,376,700	33,112,463	397,850	1,050,070
2000	178,120	25,454,828	7,266	5,253	1,315,650	49,736,178	190,870	795,702
2001	148,760	26,742,023	113,230	16,518	1,829,544	54,648,643	176,990	1,003,486
2002	156,733	22,971,093	284,143	55,483	2,096,393	57,702,269	176,205	2,843,739
2003	164,230	22,383,740	328,001	52,548	9,776,499	66,053,219	168,160	5,698,363
2004	79,730	15,372,232	339,207	46,084	33,356,332	74,290,237	131,626	8,757,632
2005	230,945	15,489,593	367,355	14,907	16,592,319	80,702,744	30,092	3,366,269
2006	161,990	14,298,983	101,107	24,328	12,504,356	69,499,122	8,507	2,646,580
2007	144,835	9,864,833	100,583	7,690	2,770,427	67,556,250	—	943,546
2008	148,655	5,869,978	211,480	1,198	2,325,062	67,200,599	—	607,406
2009	191,660	7,677,381	242,689	162	2,127,026	52,691,107	—	550,744
2010	138,525	8,533,346	201,222	114	1,445,785	54,486,058	—	299,991
2011	29,852	6,956,822	169,913	135	1,300,014	51,619,789	—	234,390
2012	121,120	5,714,075	218,175	124	1,915,679	53,536,344	—	623,260
2013	135,275	5,066,587	301,453	92	1,908,023	45,239,462	—	661,862







Table 3 The Quantity of Yield · Electricity · Medicament

Period & Water Supply System	Volume of Added Medicament Treatment(Kg)							
	Aluminum Sulfate (s)	Aluminum Sulfate (liq)	FeCl <sub>3</sub>	KMnO <sub>4</sub>	NaOH	PACl	Ca (OH) <sub>2</sub>	Others
	Jinlun System	—	—	—	—	—	—	—
Taimali System	—	—	—	—	—	—	—	—
Siadasi System	—	—	—	—	—	—	—	—
Senyong System	—	—	—	—	—	—	—	—
Anshuo System	—	—	—	—	—	—	—	—
Chenggong System	—	—	<b>93,092</b>	—	—	—	—	—
Sinhua System	—	—	—	—	—	—	—	—
Aiguopu System	—	—	—	—	—	—	—	—
Lyudao System	—	—	—	—	—	—	—	—
Lanyu System	—	—	—	—	—	—	—	—
Tuban System	—	—	—	—	—	—	—	—
Lidao System	—	—	—	—	—	—	—	—
<b>11th Branch</b>	—	—	—	—	—	—	—	—
Changhua System	—	—	—	—	—	—	—	—
Huatan System	—	—	—	—	—	—	—	—
Beidou System	—	—	—	—	—	—	—	—
Erlin System	—	—	—	—	—	—	—	—
Lugang System	—	—	—	—	—	—	—	—
Yuanlin System	—	—	—	—	—	—	—	—
Ershuei System	—	—	—	—	—	—	—	—
Sihu System	—	—	—	—	—	—	—	—
<b>12th Branch</b>	—	—	—	—	<b>32,708</b>	<b>7,838,202</b>	—	<b>11,840</b>
BanSin System	—	—	—	—	<b>32,708</b>	<b>7,838,202</b>	—	<b>11,840</b>

Table 4 Statistics of total costs and quantity of raw(clean)water bought

2018

	Total				Taipei Water Dep.		Irrigation Association			
	Quantity of Water Bought			Cost	Clean Water	Cost	Quantity of Water Bought			Cost
	Total	raw(clean) water	channel trans-mission				Total	raw water	channel trans-mission	
<b>Total</b>	<b>2,391,272</b>	<b>2,097,167</b>	<b>294,105</b>	<b>3,575,248</b>	<b>192,326</b>	<b>949,059</b>	<b>461,466</b>	<b>167,361</b>	<b>294,105</b>	<b>882,281</b>
1st Branch	37,560	37,560	—	194,344	32,943	185,109	4,617	4,617	—	9,235
2nd Branch	550,860	381,479	169,381	721,064	—	—	214,430	45,050	169,381	345,466
3rd Branch	134,777	134,777	—	157,950	—	—	54,160	54,160	—	77,064
4th Branch	567,052	565,921	1,132	454,572	—	—	8,857	7,725	1,132	9,718
5th Branch	111,707	93,418	18,290	232,580	—	—	20,442	2,153	18,290	93,222
6th Branch	366,693	261,390	105,303	571,857	—	—	157,499	52,195	105,303	319,278
7th Branch	333,827	333,827	—	385,446	—	—	—	—	—	27,400
8th Branch	6,527	6,527	—	11,162	—	—	—	—	—	—
9th Branch	1,460	1,460	—	900	—	—	1,460	1,460	—	900
10th Branch	—	—	—	—	—	—	—	—	—	—
11th Branch	—	—	—	—	—	—	—	—	—	—
12th Branch	280,808	280,808	—	845,373	159,383	763,950	—	—	—	—
<b>the first half and last half of year</b>										
Jan. ~ Jun.	1,227,014	1,074,921	152,093	1,888,985	99,539	483,856	249,543	97,450	152,093	527,062
Jul. ~Des.	1,164,257	1,022,245	142,012	1,686,262	92,787	465,203	211,923	69,911	142,012	355,218

Table 4 Statistics of total costs and quantity of raw(clean)water bought

unit :  $\begin{cases} 1,000\text{M}^3 \\ 1,000 \text{ NT\$} \end{cases}$

2018								
	North Region water Resource Office		Central Region water Resource Office		Southern Region water Resource Office		Others	
	raw water	Cost	raw water	Cost	raw water	Cost	raw(clean) water	Cost
<b>Total</b>	<b>544,998</b>	<b>549,070</b>	<b>635,441</b>	<b>553,333</b>	<b>550,959</b>	<b>588,114</b>	<b>6,081</b>	<b>53,391</b>
1st Branch	—	—	—	—	—	—	—	—
2nd Branch	336,430	375,599	—	—	—	—	—	—
3rd Branch	80,617	80,886	—	—	—	—	—	—
4th Branch	—	—	557,374	441,854	—	—	821	3,001
5th Branch	—	—	78,067	111,479	13,198	27,879	—	—
6th Branch	—	—	—	—	207,455	249,919	1,739	2,661
7th Branch	—	—	—	—	330,307	310,317	3,521	47,729
8th Branch	6,527	11,162	—	—	—	—	—	—
9th Branch	—	—	—	—	—	—	—	—
10th Branch	—	—	—	—	—	—	—	—
11th Branch	—	—	—	—	—	—	—	—
12th Branch	121,425	81,423	—	—	—	—	—	—
<b>the first half and last half of year</b>								
Jan. ~ Jun.	275,851	276,031	308,031	265,666	290,908	302,524	3,142	33,847
Jul. ~Des.	269,148	273,039	327,410	287,667	260,051	285,591	2,939	19,544

Table 5 No. of Households Connections

(1) Classified by Consumership

unit : Household

	General Public										Industry	
	Amount		Ordinary		Trade		Military Serviceman & Dependents		Industry			
	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)		
End of 1974	734,989	...	...	...	...	...	...	...	...	...	...	
End of 1975	814,940	...	...	...	...	...	...	...	...	...	...	
End of 1976	928,129	912,361	98.30	811,894	87.48	13,333	1.44	87,134	9.39	2,685	0.29	
End of 1977	1,065,453	1,048,035	98.37	943,999	88.60	12,722	1.19	91,314	8.57	3,100	0.29	
End of 1978	1,230,158	1,210,683	98.42	1,098,382	89.29	12,167	0.99	100,134	8.14	3,677	0.30	
End of 1979	1,404,312	1,381,835	98.40	1,264,025	90.01	11,990	0.85	105,820	7.54	4,243	0.30	
End of 1980	1,619,689	1,594,918	98.47	1,491,328	92.07	11,760	0.73	91,830	5.67	4,668	0.29	
End of 1981	1,828,830	1,800,824	98.47	1,658,949	90.71	11,443	0.63	130,432	7.13	5,827	0.32	
End of 1982	2,044,528	2,014,811	98.55	1,862,079	91.08	12,614	0.62	140,118	6.85	7,692	0.38	
End of 1983	2,201,946	2,168,805	98.49	2,008,952	91.24	13,035	0.59	146,818	6.67	7,641	0.35	
End of 1984	2,354,013	2,321,590	98.62	2,158,086	91.68	13,075	0.56	150,429	6.39	7,066	0.30	
End of 1985	2,489,354	2,454,295	98.59	2,284,183	91.76	13,251	0.53	156,861	6.30	9,159	0.37	
End of 1986	2,611,345	2,574,407	98.59	2,401,185	91.95	15,420	0.59	157,802	6.04	9,280	0.36	
End of 1987	2,738,520	2,698,380	98.53	2,522,887	92.13	16,265	0.59	159,228	5.81	11,029	0.40	
End of 1988	2,890,295	2,844,588	98.42	2,660,345	92.04	16,279	0.56	167,964	5.81	11,895	0.41	
End of 1989	3,036,623	2,987,138	98.37	2,799,487	92.19	15,196	0.50	172,455	5.68	11,273	0.37	
End of 1990	3,180,655	3,124,876	98.25	2,933,823	92.24	15,280	0.48	175,773	5.53	12,179	0.38	
End of 1991	3,319,000	3,258,242	98.17	3,062,059	92.26	14,864	0.45	181,319	5.46	12,703	0.38	
End of 1992	3,475,846	3,409,307	98.09	3,208,427	92.31	16,118	0.46	184,762	5.32	12,412	0.36	
End of 1993	3,722,008	3,645,085	97.93	3,428,910	92.13	16,148	0.43	200,027	5.37	12,767	0.34	
End of 1994	4,059,904	3,979,962	98.03	3,777,113	93.03	16,681	0.41	186,168	4.59	14,745	0.36	
End of 1995	4,385,224	4,297,265	97.99	4,087,812	93.22	16,352	0.37	193,101	4.40	21,076	0.48	
End of 1996	4,631,194	4,544,465	98.13	4,330,303	93.50	15,628	0.34	198,534	4.29	16,994	0.37	
End of 1997	4,828,910	4,739,595	98.15	4,520,692	93.62	17,615	0.36	201,288	4.17	17,529	0.36	
End of 1998	5,001,453	4,908,332	98.14	4,685,004	93.67	17,608	0.35	205,720	4.11	18,576	0.37	
End of 1999	5,161,229	5,066,738	98.17	4,839,638	93.77	17,425	0.34	209,675	4.06	20,564	0.40	
End of 2000	5,271,646	5,174,929	98.17	4,949,030	93.88	17,444	0.33	208,455	3.95	20,964	0.40	
End of 2001	5,349,988	5,256,362	98.25	5,033,840	94.09	17,214	0.32	205,308	3.84	21,136	0.40	
End of 2002	5,424,515	5,333,848	98.33	5,119,936	94.39	17,222	0.32	196,690	3.63	18,623	0.34	
End of 2003	5,522,789	5,430,882	98.34	5,215,840	94.44	16,974	0.31	198,068	3.59	19,786	0.36	
End of 2004	5,632,866	5,539,383	98.34	5,333,387	94.68	17,177	0.30	188,819	3.35	20,016	0.36	
End of 2005	5,752,444	5,657,604	98.35	5,455,795	94.84	16,974	0.30	184,835	3.21	20,531	0.36	
End of 2006	5,884,870	5,789,420	98.38	5,590,566	95.00	18,800	0.32	180,054	3.06	21,377	0.36	
End of 2007	6,014,175	5,920,454	98.44	5,718,799	95.09	18,906	0.31	182,749	3.04	21,086	0.35	
End of 2008	6,119,270	6,027,013	98.49	5,816,075	95.05	20,404	0.33	190,534	3.11	21,616	0.35	
End of 2009	6,201,705	6,110,252	98.53	5,892,673	95.02	20,981	0.34	196,598	3.17	20,825	0.34	
End of 2010	6,281,636	6,184,225	98.45	5,957,065	94.83	24,078	0.38	203,082	3.23	23,967	0.38	
End of 2011	6,365,990	6,263,825	98.40	5,996,472	94.20	62,308	0.98	205,045	3.22	32,103	0.50	

## Table 5 No. of Households Connections

(1) Classified by Consumership

unit : Household

	General Public										Industry	
	Amount		Ordinary		Trade		Military Serviceman & Dependents		Industry			
	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)
<b>End of 2012</b>	<b>6,452,171</b>	<b>6,345,013</b>	<b>98.34</b>	<b>6,074,623</b>	<b>94.15</b>	<b>68,394</b>	<b>1.06</b>	<b>201,996</b>	<b>3.13</b>	<b>34,240</b>	<b>0.53</b>	
End of 2013	6,550,080	6,437,668	98.28	6,158,859	94.03	75,062	1.15	203,747	3.11	35,508	0.54	
End of 2014	6,650,695	6,532,649	98.23	6,256,659	94.08	75,838	1.14	200,152	3.01	36,580	0.55	
End of 2015	6,761,673	6,635,229	98.13	6,347,013	93.87	80,576	1.19	207,640	3.07	36,542	0.54	
End of 2016	6,875,844	6,745,717	98.11	6,450,389	93.81	82,173	1.20	213,155	3.10	36,580	0.53	
End of 2017	6,982,040	6,847,172	98.07	6,547,079	93.77	84,457	1.21	215,636	3.09	37,419	0.54	
<b>End of 2018</b>	<b>7,094,610</b>	<b>6,954,603</b>	<b>98.03</b>	<b>6,651,484</b>	<b>93.75</b>	<b>86,169</b>	<b>1.21</b>	<b>216,950</b>	<b>3.06</b>	<b>37,562</b>	<b>0.53</b>	
1st Branch	430,930	426,549	98.98	415,276	96.37	4,594	1.07	6,679	1.55	433	0.10	
2nd Branch	884,909	866,505	97.92	818,656	92.51	15,111	1.71	32,738	3.70	7,408	0.84	
3rd Branch	529,421	518,998	98.03	498,591	94.18	9,684	1.83	10,723	2.03	3,282	0.62	
4th Branch	1,195,288	1,176,144	98.40	1,127,937	94.37	15,677	1.31	32,530	2.72	3,288	0.28	
5th Branch	525,993	511,823	97.31	494,491	94.01	3,527	0.67	13,805	2.62	1,261	0.24	
6th Branch	727,260	707,732	97.31	678,422	93.28	5,799	0.80	23,511	3.23	6,323	0.87	
7th Branch	1,227,697	1,203,110	98.00	1,130,619	92.09	10,058	0.82	62,433	5.09	4,373	0.36	
8th Branch	175,485	173,234	98.72	166,734	95.01	1,982	1.13	4,518	2.57	378	0.22	
9th Branch	111,236	108,466	97.51	101,004	90.80	1,518	1.36	5,944	5.34	191	0.17	
10th Branch	68,051	66,095	97.13	60,741	89.26	1,950	2.87	3,404	5.00	12	0.02	
11th Branch	382,066	370,184	96.89	360,239	94.29	3,877	1.01	6,068	1.59	3,696	0.97	
12th Branch	836,274	825,763	98.74	798,774	95.52	12,392	1.48	14,597	1.75	6,917	0.83	

Table 5 No. of Households Connections

(1) Classified by Consumership

unit : Household

	Organization & Others											
	Shipping		Amount		Government Agency		Public Facility		Discount		Others	
	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)
End of 1974	...	...	...	...	...	...	...	...	...	...	...	...
End of 1975	...	...	...	...	...	...	...	...	...	...	...	...
End of 1976	232	0.02	12,851	1.38	10,871	1.17	298	0.03	1,430	0.15	252	0.03
End of 1977	260	0.02	14,058	1.32	11,899	1.12	335	0.03	1,504	0.14	320	0.03
End of 1978	287	0.02	15,511	1.26	13,047	1.06	349	0.03	1,684	0.14	431	0.04
End of 1979	284	0.02	17,950	1.28	13,223	0.94	362	0.03	1,796	0.13	2,569	0.18
End of 1980	694	0.04	19,409	1.20	13,604	0.84	362	0.02	1,567	0.10	3,876	0.24
End of 1981	315	0.02	21,864	1.20	15,092	0.83	381	0.02	1,975	0.11	4,416	0.24
End of 1982	318	0.02	21,707	1.06	15,376	0.75	398	0.02	2,171	0.11	3,762	0.18
End of 1983	318	0.01	25,182	1.14	17,951	0.82	404	0.02	2,442	0.11	4,385	0.20
End of 1984	289	0.01	25,068	1.06	18,113	0.77	411	0.02	2,304	0.10	4,240	0.18
End of 1985	342	0.01	25,558	1.03	19,126	0.77	429	0.02	2,372	0.10	3,629	0.15
End of 1986	286	0.01	27,372	1.05	17,460	0.67	462	0.02	3,148	0.12	6,302	0.24
End of 1987	357	0.01	28,754	1.05	17,920	0.65	478	0.02	2,528	0.09	7,828	0.29
End of 1988	311	0.01	33,501	1.16	18,299	0.63	488	0.02	2,809	0.10	11,905	0.41
End of 1989	130	0.00	38,082	1.25	18,306	0.60	515	0.02	2,800	0.09	16,461	0.54
End of 1990	182	0.01	43,418	1.37	18,852	0.59	546	0.02	3,057	0.10	20,963	0.66
End of 1991	190	0.01	47,865	1.44	18,671	0.56	537	0.02	3,045	0.09	25,612	0.77
End of 1992	182	0.01	53,945	1.55	18,083	0.52	559	0.02	3,249	0.09	32,054	0.92
End of 1993	129	0.00	64,027	1.72	17,260	0.46	619	0.02	3,786	0.10	42,362	1.14
End of 1994	142	0.00	65,055	1.60	17,769	0.44	615	0.02	3,189	0.08	43,482	1.07
End of 1995	152	0.00	66,731	1.52	17,611	0.40	663	0.02	3,247	0.07	45,210	1.03
End of 1996	142	0.00	69,593	1.50	17,872	0.39	740	0.02	3,278	0.07	47,703	1.03
End of 1997	216	0.00	71,570	1.48	17,270	0.36	898	0.02	3,362	0.07	50,040	1.04
End of 1998	244	0.00	74,301	1.49	17,161	0.34	974	0.02	3,434	0.07	52,732	1.05
End of 1999	238	0.00	73,689	1.43	17,139	0.33	995	0.02	3,490	0.07	52,065	1.01
End of 2000	330	0.01	75,423	1.43	18,421	0.35	1,080	0.02	3,639	0.07	52,283	0.99
End of 2001	320	0.01	72,170	1.35	17,689	0.33	1,108	0.02	3,684	0.07	49,689	0.93
End of 2002	269	0.00	71,775	1.32	17,803	0.33	1,106	0.02	3,659	0.07	49,207	0.91
End of 2003	268	0.00	71,853	1.30	17,713	0.32	1,133	0.02	3,681	0.07	49,326	0.89
End of 2004	280	0.00	73,187	1.30	17,805	0.32	1,209	0.02	3,729	0.07	50,444	0.90
End of 2005	283	0.00	74,026	1.29	17,908	0.31	1,261	0.02	3,781	0.07	51,076	0.89
End of 2006	266	0.00	73,807	1.25	18,088	0.31	1,340	0.02	3,722	0.06	50,657	0.86
End of 2007	264	0.00	72,371	1.20	17,908	0.30	1,390	0.02	3,733	0.06	49,340	0.82
End of 2008	269	0.00	70,372	1.15	15,674	0.26	1,526	0.02	3,739	0.06	49,433	0.81
End of 2009	245	0.00	70,383	1.13	15,532	0.25	1,573	0.03	3,796	0.06	49,482	0.80
End of 2010	221	0.00	73,223	1.17	16,375	0.26	1,698	0.03	3,896	0.06	51,254	0.82
End of 2011	249	0.00	69,813	1.10	16,675	0.26	1,792	0.03	3,845	0.06	47,501	0.75

**Table 5 No. of Households Connections**

(1) Classified by Consumership

unit : Household

	Organization & Others											
	Shipping		Amount		Government Agency		Public Facility		Discount		Others	
	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)
<b>End of 2012</b>	<b>225</b>	<b>0.00</b>	<b>72,693</b>	<b>1.13</b>	<b>16,603</b>	<b>0.26</b>	<b>1,768</b>	<b>0.03</b>	<b>4,046</b>	<b>0.06</b>	<b>50,276</b>	<b>0.78</b>
<b>End of 2013</b>	<b>223</b>	<b>0.00</b>	<b>76,681</b>	<b>1.17</b>	<b>17,020</b>	<b>0.26</b>	<b>1,713</b>	<b>0.03</b>	<b>4,035</b>	<b>0.06</b>	<b>53,913</b>	<b>0.82</b>
<b>End of 2014</b>	<b>213</b>	<b>0.00</b>	<b>81,253</b>	<b>1.22</b>	<b>17,011</b>	<b>0.26</b>	<b>1,650</b>	<b>0.02</b>	<b>3,962</b>	<b>0.06</b>	<b>58,630</b>	<b>0.88</b>
<b>End of 2015</b>	<b>205</b>	<b>0.00</b>	<b>89,697</b>	<b>1.33</b>	<b>22,247</b>	<b>0.33</b>	<b>1,757</b>	<b>0.03</b>	<b>3,997</b>	<b>0.06</b>	<b>61,696</b>	<b>0.91</b>
<b>End of 2016</b>	<b>204</b>	<b>0.00</b>	<b>93,343</b>	<b>1.36</b>	<b>22,821</b>	<b>0.33</b>	<b>1,776</b>	<b>0.03</b>	<b>4,038</b>	<b>0.06</b>	<b>64,708</b>	<b>0.94</b>
<b>End of 2017</b>	<b>204</b>	<b>0.00</b>	<b>97,245</b>	<b>1.39</b>	<b>22,522</b>	<b>0.32</b>	<b>1,598</b>	<b>0.02</b>	<b>3,973</b>	<b>0.06</b>	<b>69,152</b>	<b>0.99</b>
<b>End of 2018</b>	<b>166</b>	<b>0.00</b>	<b>102,279</b>	<b>1.44</b>	<b>22,759</b>	<b>0.32</b>	<b>1,611</b>	<b>0.02</b>	<b>4,385</b>	<b>0.06</b>	<b>73,524</b>	<b>1.04</b>
1st Branch	5	0.00	3,943	0.91	1,277	0.30	71	0.02	164	0.04	2,431	0.56
2nd Branch	—	—	10,996	1.24	1,803	0.20	126	0.01	325	0.04	8,742	0.99
3rd Branch	—	—	7,141	1.35	1,914	0.36	150	0.03	400	0.08	4,677	0.88
4th Branch	138	0.01	15,718	1.31	2,301	0.19	336	0.03	981	0.08	12,100	1.01
5th Branch	—	—	12,909	2.45	2,319	0.44	114	0.02	484	0.09	9,992	1.90
6th Branch	—	—	13,205	1.82	2,016	0.28	231	0.03	364	0.05	10,594	1.46
7th Branch	10	0.00	20,204	1.65	6,242	0.51	387	0.03	778	0.06	12,797	1.04
8th Branch	13	0.01	1,860	1.06	1,080	0.62	6	0.00	120	0.07	654	0.37
9th Branch	—	—	2,579	2.32	929	0.84	30	0.03	138	0.12	1,482	1.33
10th Branch	—	—	1,944	2.86	800	1.18	7	0.01	186	0.27	951	1.40
11th Branch	—	—	8,186	2.14	1,003	0.26	38	0.01	315	0.08	6,830	1.79
12th Branch	—	—	3,594	0.43	1,075	0.13	115	0.01	130	0.02	2,274	0.27

Table 5 No. of Households Connections

(2) Classified by Water Meter Diameter

unit : Household

Period & Branch	Total	13 mm		20 mm		25 mm		40 mm		50 mm	
		No. of Households	Percentage (%)								
End of 1974	734,989	...	...	...	...	...	...	...	...	...	...
End of 1975	814,940	...	...	...	...	...	...	...	...	...	...
End of 1976	928,129	838,901	90.39	73,063	7.87	11,863	1.28	2,136	0.23	961	0.10
End of 1977	1,065,453	945,308	88.72	101,611	9.54	13,503	1.27	2,533	0.24	1,090	0.10
End of 1978	1,230,158	1,039,269	84.48	165,824	13.48	18,497	1.50	3,489	0.28	1,379	0.11
End of 1979	1,404,312	1,113,943	79.32	262,069	18.66	20,328	1.45	4,459	0.32	1,574	0.11
End of 1980	1,619,689	1,176,905	72.66	407,587	25.16	24,932	1.54	6,276	0.39	1,779	0.11
End of 1981	1,828,830	1,222,700	66.86	562,665	30.77	30,041	1.64	9,141	0.50	1,933	0.11
End of 1982	2,044,528	1,262,782	61.76	728,787	35.65	36,321	1.78	11,724	0.57	2,245	0.11
End of 1983	2,201,946	1,289,530	58.56	852,390	38.71	41,996	1.91	12,796	0.58	2,412	0.11
End of 1984	2,354,013	1,304,806	55.43	988,595	42.00	43,197	1.84	12,022	0.51	2,434	0.10
End of 1985	2,489,354	1,302,240	52.31	1,115,763	44.82	49,164	1.97	16,334	0.66	2,655	0.11
End of 1986	2,611,345	1,306,138	50.02	1,229,338	47.08	54,442	2.08	15,294	0.59	2,887	0.11
End of 1987	2,738,520	1,305,041	47.65	1,347,091	49.19	62,241	2.27	17,301	0.63	3,210	0.12
End of 1988	2,890,295	1,301,382	45.03	1,483,371	51.32	77,612	2.69	20,488	0.71	3,477	0.12
End of 1989	3,036,623	1,296,286	42.69	1,614,232	53.16	96,378	3.17	22,152	0.73	3,627	0.12
End of 1990	3,180,655	1,279,496	40.23	1,750,158	55.03	114,014	3.58	29,081	0.91	3,609	0.11
End of 1991	3,319,000	1,274,006	38.39	1,865,508	56.21	145,605	4.39	25,185	0.76	4,176	0.13
End of 1992	3,475,846	1,269,504	36.52	1,998,980	57.51	169,757	4.88	28,162	0.81	4,588	0.13
End of 1993	3,722,008	1,248,820	33.55	2,219,017	59.62	213,508	5.74	31,348	0.84	4,584	0.12
End of 1994	4,059,904	1,252,618	30.85	2,490,008	61.33	279,467	6.88	27,406	0.68	5,185	0.13
End of 1995	4,385,224	1,241,320	28.31	2,714,044	61.89	386,688	8.82	31,607	0.72	5,912	0.13
End of 1996	4,631,194	1,218,325	26.31	2,885,562	62.31	482,227	10.41	32,624	0.70	6,317	0.14
End of 1997	4,828,910	1,202,533	24.90	2,998,294	62.09	580,294	12.02	34,459	0.71	6,627	0.14
End of 1998	5,001,453	1,183,572	23.66	3,089,696	61.78	677,388	13.54	37,375	0.75	6,651	0.13
End of 1999	5,161,229	1,169,357	22.66	3,152,970	61.09	785,058	15.21	39,610	0.77	7,008	0.14
End of 2000	5,271,646	1,153,493	21.88	3,211,207	60.91	852,207	16.17	41,574	0.79	6,130	0.12
End of 2001	5,349,988	1,143,698	21.38	3,253,730	60.82	898,430	16.79	41,592	0.78	5,873	0.11
End of 2002	5,424,515	1,132,027	20.87	3,305,126	60.93	931,312	17.17	43,337	0.80	5,913	0.11
End of 2003	5,522,789	1,140,163	20.64	3,366,872	60.96	964,899	17.47	38,960	0.71	5,538	0.10
End of 2004	5,632,866	1,126,587	20.00	3,446,470	61.19	1,008,254	17.90	39,481	0.70	5,622	0.10
End of 2005	5,752,444	1,113,758	19.36	3,550,534	61.72	1,035,652	18.00	40,230	0.70	5,693	0.10
End of 2006	5,884,870	1,106,446	18.80	3,644,233	61.93	1,080,730	18.36	40,737	0.69	5,855	0.10
End of 2007	6,014,175	1,087,979	18.09	3,751,382	62.38	1,121,455	18.65	40,537	0.67	5,875	0.10
End of 2008	6,119,270	1,078,338	17.62	3,831,193	62.61	1,158,234	18.93	39,242	0.64	5,693	0.09
End of 2009	6,201,705	1,068,208	17.22	3,895,014	62.81	1,184,783	19.10	41,179	0.66	5,859	0.09

## Table 5 No. of Households Connections

(2) Classified by Water Meter Diameter

unit : Household

Period & Branch	Total	13 mm		20 mm		25 mm		40 mm		50 mm	
		NO. of Households	Percentage (%)								
End of 2010	6,281,636	1,060,494	16.88	3,954,807	62.96	1,211,046	19.28	42,581	0.68	5,881	0.09
End of 2011	6,365,990	1,060,495	16.66	4,018,489	63.12	1,230,840	19.33	43,359	0.68	5,886	0.09
End of 2012	6,452,171	1,048,626	16.25	4,086,453	63.33	1,258,677	19.51	45,421	0.70	5,934	0.09
End of 2013	6,550,080	1,044,692	15.95	4,153,019	63.40	1,289,571	19.69	49,029	0.75	6,341	0.10
End of 2014	6,650,695	1,040,471	15.64	4,226,108	63.54	1,319,343	19.84	50,620	0.76	6,550	0.10
End of 2015	6,761,673	1,037,655	15.35	4,307,844	63.71	1,349,911	19.96	51,752	0.77	6,712	0.10
End of 2016	6,875,844	1,031,528	15.00	4,389,636	63.84	1,389,563	20.21	50,473	0.73	6,827	0.10
End of 2017	6,982,040	1,027,627	14.72	4,469,140	64.01	1,418,458	20.32	51,932	0.74	6,993	0.10
End of 2018	7,094,610	1,028,715	14.50	4,546,888	64.09	1,450,954	20.45	52,891	0.75	7,077	0.10
1st Branch	430,930	56,198	13.04	190,662	44.24	180,094	41.79	3,552	0.82	159	0.04
2nd Branch	884,909	31,449	3.55	555,330	62.76	285,699	32.29	9,941	1.12	1,154	0.13
3rd Branch	529,421	58,739	11.09	371,105	70.10	95,819	18.10	2,742	0.52	336	0.06
4th Branch	1,195,288	114,481	9.58	1,036,461	86.71	37,111	3.10	5,475	0.46	990	0.08
5th Branch	525,993	165,623	31.49	197,450	37.54	160,070	30.43	2,107	0.40	455	0.09
6th Branch	727,260	142,972	19.66	510,468	70.19	68,805	9.46	3,600	0.50	642	0.09
7th Branch	1,227,697	271,677	22.13	716,759	58.38	223,464	18.20	10,687	0.87	2,101	0.17
8th Branch	175,485	12,809	7.30	98,173	55.94	63,257	36.05	981	0.56	123	0.07
9th Branch	111,236	22,610	20.33	72,100	64.82	15,761	14.17	541	0.49	114	0.10
10th Branch	68,051	21,157	31.09	43,306	63.64	3,182	4.68	310	0.46	42	0.06
11th Branch	382,066	59,804	15.65	315,261	82.51	5,383	1.41	1,263	0.33	225	0.06
12th Branch	836,274	71,196	8.51	439,813	52.59	312,309	37.35	11,692	1.40	736	0.09

## Table 5 No. of Households Connections

(2) Classified by Water Meter Diameter

unit : Household

Period & Branch	75 mm		100 mm		150 mm		200 mm		Over 250 mm	
	NO. of Households	Percentage (%)								
End of 1974	...	...	...	...	...	...	...	...	...	...
End of 1975	...	...	...	...	...	...	...	...	...	...
End of 1976	632	0.07	414	0.04	77	0.01	34	0.00	48	0.01
End of 1977	768	0.07	479	0.04	96	0.01	38	0.00	27	0.00
End of 1978	956	0.08	567	0.05	110	0.01	38	0.00	29	0.00
End of 1979	1,132	0.08	608	0.04	126	0.01	41	0.00	32	0.00
End of 1980	1,330	0.08	658	0.04	142	0.01	47	0.00	33	0.00
End of 1981	1,420	0.08	700	0.04	144	0.01	49	0.00	37	0.00
End of 1982	1,643	0.08	777	0.04	154	0.01	55	0.00	40	0.00
End of 1983	1,735	0.08	826	0.04	165	0.01	56	0.00	40	0.00
End of 1984	1,785	0.08	900	0.04	177	0.01	54	0.00	43	0.00
End of 1985	1,904	0.08	1,013	0.04	184	0.01	57	0.00	40	0.00
End of 1986	2,062	0.08	887	0.03	199	0.01	54	0.00	44	0.00
End of 1987	2,300	0.08	1,016	0.04	218	0.01	58	0.00	44	0.00
End of 1988	2,562	0.09	1,055	0.04	238	0.01	59	0.00	51	0.00
End of 1989	2,571	0.08	1,020	0.03	241	0.01	67	0.00	49	0.00
End of 1990	2,828	0.09	1,088	0.03	262	0.01	67	0.00	52	0.00
End of 1991	2,983	0.09	1,126	0.03	273	0.01	78	0.00	60	0.00
End of 1992	3,226	0.09	1,202	0.03	281	0.01	84	0.00	62	0.00
End of 1993	3,133	0.08	1,176	0.03	277	0.01	82	0.00	63	0.00
End of 1994	3,478	0.09	1,288	0.03	302	0.01	85	0.00	67	0.00
End of 1995	3,724	0.08	1,429	0.03	328	0.01	97	0.00	75	0.00
End of 1996	4,057	0.09	1,532	0.03	362	0.01	109	0.00	79	0.00
End of 1997	4,389	0.09	1,688	0.03	420	0.01	120	0.00	86	0.00
End of 1998	4,428	0.09	1,689	0.03	434	0.01	127	0.00	93	0.00
End of 1999	4,694	0.09	1,822	0.04	473	0.01	135	0.00	102	0.00
End of 2000	4,499	0.09	1,808	0.03	480	0.01	145	0.00	103	0.00
End of 2001	4,181	0.08	1,748	0.03	481	0.01	145	0.00	110	0.00
End of 2002	4,293	0.08	1,759	0.03	489	0.01	151	0.00	108	0.00
End of 2003	3,912	0.07	1,676	0.03	499	0.01	153	0.00	117	0.00
End of 2004	3,946	0.07	1,717	0.03	507	0.01	157	0.00	125	0.00
End of 2005	4,052	0.07	1,700	0.03	522	0.01	168	0.00	135	0.00
End of 2006	4,219	0.07	1,786	0.03	530	0.01	182	0.00	152	0.00
End of 2007	4,266	0.07	1,802	0.03	535	0.01	187	0.00	157	0.00
End of 2008	4,000	0.07	1,718	0.03	519	0.01	181	0.00	152	0.00
End of 2009	4,061	0.07	1,750	0.03	516	0.01	179	0.00	156	0.00

## Table 5 No. of Households Connections

(2) Classified by Water Meter Diameter

unit : Household

Period & Branch	75 mm		100 mm		150 mm		200 mm		Over 250 mm	
	NO. of Households	Percentage (%)								
End of 2010	4,111	0.07	1,819	0.03	534	0.01	193	0.00	170	0.00
End of 2011	4,143	0.07	1,844	0.03	547	0.01	211	0.00	176	0.00
End of 2012	4,207	0.07	1,844	0.03	547	0.01	211	0.00	176	0.00
End of 2013	4,497	0.07	1,941	0.03	592	0.01	218	0.00	180	0.00
End of 2014	4,636	0.07	1,968	0.03	597	0.01	219	0.00	183	0.00
End of 2015	4,761	0.07	1,999	0.03	619	0.01	225	0.00	195	0.00
End of 2016	4,816	0.07	1,992	0.03	615	0.01	215	0.00	179	0.00
End of 2017	4,802	0.07	2,061	0.03	626	0.01	220	0.00	181	0.00
End of 2018	4,963	0.07	2,072	0.03	637	0.01	223	0.00	190	0.00
1st Branch	165	0.04	68	0.02	28	0.01	3	0.00	1	0.00
2nd Branch	794	0.09	359	0.04	118	0.01	43	0.00	22	0.00
3rd Branch	364	0.07	197	0.04	58	0.01	38	0.01	23	0.00
4th Branch	516	0.04	173	0.01	38	0.00	12	0.00	31	0.00
5th Branch	163	0.03	81	0.02	34	0.01	7	0.00	3	0.00
6th Branch	460	0.06	186	0.03	65	0.01	31	0.00	31	0.00
7th Branch	1,937	0.16	704	0.06	237	0.02	62	0.01	69	0.01
8th Branch	72	0.04	56	0.03	7	0.00	5	0.00	2	0.00
9th Branch	64	0.06	35	0.03	7	0.01	3	0.00	1	0.00
10th Branch	43	0.06	9	0.01	2	0.00	—	—	—	—
11th Branch	74	0.02	39	0.01	10	0.00	3	0.00	4	0.00
12th Branch	311	0.04	165	0.02	33	0.00	16	0.00	3	0.00

Table 6 Comparison of No. of Households between Branches

—real number—

unit : Household

End of Year	Total		1st Branch	2nd Branch	3rd Branch	4th Branch	5th Branch	6th Branch
	NO. of Households	The Growth Rate Compared with Last Year (%)						
1974. Jan.	661,081	—	—	—	—	—	—	—
End of 1974	734,989	11.18	38,207	63,784	50,050	109,582	—	120,416
End of 1975	814,940	10.88	48,391	75,617	53,938	173,171	96,008	134,731
End of 1976	928,129	13.89	53,295	106,703	58,033	151,966	106,439	158,845
End of 1977	1,065,453	14.80	58,023	147,270	63,139	164,785	125,016	180,014
End of 1978	1,230,158	15.46	63,236	195,864	69,613	178,346	153,049	197,311
End of 1979	1,404,312	14.16	70,367	236,198	76,234	197,948	175,813	215,060
End of 1980	1,619,689	15.34	80,618	293,534	84,802	223,449	203,085	241,762
End of 1981	1,828,830	12.91	92,744	348,413	92,086	250,504	225,994	267,865
End of 1982	2,044,528	11.79	107,397	394,709	101,507	279,107	249,848	291,427
End of 1983	2,201,946	7.70	120,154	422,280	107,276	303,819	270,620	307,926
End of 1984	2,354,013	6.91	125,959	454,293	113,661	327,340	281,589	327,633
End of 1985	2,489,354	5.75	132,390	487,062	118,930	350,835	289,734	344,277
End of 1986	2,611,345	4.90	136,156	515,640	123,799	371,127	297,375	358,350
End of 1987	2,738,520	4.87	142,811	545,941	130,102	394,311	304,358	371,461
End of 1988	2,890,295	5.54	149,186	215,355	136,892	425,380	311,528	385,971
End of 1989	3,036,623	5.06	155,677	230,618	145,042	454,154	320,086	398,766
End of 1990	3,180,655	4.74	163,464	248,253	155,075	482,016	328,455	411,607
End of 1991	3,319,000	4.35	172,354	263,565	163,906	512,919	337,021	426,099
End of 1992	3,475,846	4.73	180,219	281,875	172,915	554,217	346,952	442,928
End of 1993	3,722,008	7.08	188,625	308,384	190,616	608,960	365,509	471,009
End of 1994	4,059,904	9.08	201,967	349,037	212,226	688,759	386,578	504,661
End of 1995	4,385,224	8.01	229,095	405,199	231,119	746,227	401,397	530,163
End of 1996	4,631,194	5.61	252,577	444,637	246,263	789,431	409,965	551,226
End of 1997	4,828,910	4.27	283,106	479,007	261,714	817,992	419,369	562,277
End of 1998	5,001,453	3.57	294,264	505,171	278,708	849,409	427,537	573,096
End of 1999	5,161,229	3.19	311,586	535,877	292,926	863,621	434,422	588,186
End of 2000	5,271,646	2.14	321,280	554,507	303,534	881,121	440,273	595,613
End of 2001	5,349,988	1.49	326,733	567,724	312,126	895,075	444,504	599,706
End of 2002	5,424,515	1.39	330,420	582,788	320,004	905,337	448,902	605,424
End of 2003	5,522,789	1.81	338,441	605,501	329,154	921,470	454,347	609,252
End of 2004	5,632,866	1.99	342,887	626,228	338,712	939,178	461,493	618,906
End of 2005	5,752,444	2.12	347,074	649,594	351,577	959,365	467,016	625,711
End of 2006	5,884,870	2.30	351,413	677,468	365,138	981,907	471,447	634,520
End of 2007	6,014,175	2.20	359,714	705,899	378,258	1,003,897	477,153	644,928
End of 2008	6,119,270	1.75	367,171	729,086	392,300	1,020,453	481,545	651,321
End of 2009	6,201,705	1.35	377,452	741,747	405,144	1,034,251	484,582	655,638
End of 2010	6,281,636	1.29	384,329	754,890	413,276	1,048,839	488,517	662,055
End of 2011	6,365,990	1.34	388,197	767,989	425,266	1,063,462	492,730	668,967
End of 2012	6,452,171	1.35	393,888	764,492	452,421	1,079,084	497,913	676,256
End of 2013	6,550,080	1.52	398,599	782,614	465,238	1,096,464	502,195	683,938
End of 2014	6,650,695	1.54	404,330	803,259	476,474	1,116,732	506,402	690,955
End of 2015	6,761,673	1.67	408,226	824,036	491,107	1,137,759	511,148	700,794
End of 2016	6,875,844	1.69	416,615	848,387	505,070	1,157,465	515,870	708,221
End of 2017	6,982,040	1.54	423,057	865,413	516,778	1,176,903	521,089	718,171
End of 2018	7,094,610	1.61	430,930	884,909	529,421	1,195,288	525,993	727,260

Table 6 Comparison of No. of Households between Branches

—real number—

unit : Household

End of Year	7th Branch	8th Branch	9th Branch	10th Branch	11th Branch	12th Branch
1974. Jan.	—	—	—	—	—	—
End of 1974	149,711	—	20,422	14,361	—	—
End of 1975	166,712	6,526	23,836	15,992	—	—
End of 1976	183,828	28,032	25,734	17,382	37,872	—
End of 1977	205,148	30,165	28,703	18,630	44,560	—
End of 1978	234,590	33,467	31,655	19,716	53,311	—
End of 1979	279,157	36,098	34,735	21,097	61,605	—
End of 1980	319,551	39,033	37,573	23,009	73,273	—
End of 1981	358,670	41,964	39,574	25,227	85,789	—
End of 1982	403,242	46,419	42,806	28,256	99,810	—
End of 1983	429,553	50,502	45,503	31,691	112,622	—
End of 1984	461,889	53,263	48,965	33,496	125,925	—
End of 1985	488,006	55,372	50,583	35,349	136,816	—
End of 1986	515,018	58,183	52,673	36,880	146,144	—
End of 1987	540,937	60,683	54,364	38,051	155,501	—
End of 1988	572,331	64,777	56,548	39,221	165,800	367,306
End of 1989	596,160	68,185	58,611	40,317	175,690	393,317
End of 1990	622,313	72,022	60,225	41,045	186,773	409,407
End of 1991	646,202	74,926	62,234	41,737	196,822	421,215
End of 1992	670,631	78,175	64,780	42,727	206,482	433,945
End of 1993	711,772	85,927	68,625	44,634	222,017	455,930
End of 1994	772,231	93,005	73,983	46,952	241,297	489,208
End of 1995	826,974	100,216	78,070	49,017	258,291	529,456
End of 1996	867,650	107,151	81,260	50,917	272,191	557,926
End of 1997	894,542	111,473	83,129	51,340	281,386	583,575
End of 1998	923,959	119,076	85,373	51,998	289,085	603,777
End of 1999	947,878	122,602	87,677	52,474	297,185	626,795
End of 2000	963,373	125,263	88,578	52,859	303,352	641,893
End of 2001	972,043	126,409	89,148	53,728	307,550	655,242
End of 2002	984,307	128,224	89,812	54,461	311,288	663,548
End of 2003	998,178	129,901	92,090	55,801	315,425	673,229
End of 2004	1,019,374	132,348	93,829	57,230	320,054	682,627
End of 2005	1,043,956	135,972	95,646	58,207	324,440	693,886
End of 2006	1,067,945	139,381	96,883	59,149	330,157	709,462
End of 2007	1,083,620	142,012	98,299	59,768	334,519	726,108
End of 2008	1,089,193	145,161	99,146	60,622	339,043	744,229
End of 2009	1,094,776	147,615	99,920	61,176	342,228	757,176
End of 2010	1,101,840	150,543	101,118	62,216	345,458	768,555
End of 2011	1,115,683	154,207	102,446	62,804	348,980	775,259
End of 2012	1,129,759	156,412	103,641	63,627	352,834	781,844
End of 2013	1,144,916	159,350	104,698	64,262	358,129	789,677
End of 2014	1,160,875	162,175	105,714	64,921	362,195	796,663
End of 2015	1,177,392	165,870	107,186	65,674	367,305	805,176
End of 2016	1,193,619	169,096	108,586	66,401	371,802	814,712
End of 2017	1,208,225	171,972	109,980	67,177	377,085	826,190
End of 2018	1,227,697	175,485	111,236	68,051	382,066	836,274

Table 6 Comparison of No. of Households between Branches

— percentage —

'unit: %

End of Year	Total	1st Branch	2nd Branch	3rd Branch	4th Branch	5th Branch	6th Branch	7th Branch	8th Branch	9th Branch	10th Branch	11th Branch	12th Branch
1974. Jan.	100	—	—	—	—	—	—	—	—	—	—	—	—
End of 1974	100	5.20	8.68	6.81	14.91	—	16.38	20.37	—	2.78	1.95	—	—
End of 1975	100	5.94	9.28	6.62	21.25	11.78	16.53	20.46	0.80	2.92	1.96	—	—
End of 1976	100	5.74	11.50	6.25	16.37	11.47	17.11	19.81	3.02	2.77	1.87	4.08	—
End of 1977	100	5.45	13.82	5.93	15.47	11.73	16.90	19.25	2.83	2.69	1.75	4.18	—
End of 1978	100	5.14	15.92	5.66	14.50	12.44	16.04	19.07	2.72	2.57	1.60	4.33	—
End of 1979	100	5.01	16.82	5.43	14.10	12.52	15.31	19.88	2.57	2.47	1.50	4.39	—
End of 1980	100	4.98	18.12	5.24	13.80	12.54	14.93	19.73	2.41	2.32	1.42	4.52	—
End of 1981	100	5.07	19.05	5.04	13.70	12.36	14.65	19.61	2.29	2.16	1.38	4.69	—
End of 1982	100	5.25	19.31	4.96	13.65	12.22	14.25	19.72	2.27	2.09	1.38	4.88	—
End of 1983	100	5.46	19.18	4.87	13.80	12.29	13.98	19.51	2.29	2.07	1.44	5.11	—
End of 1984	100	5.35	19.30	4.83	13.91	11.96	13.92	19.62	2.26	2.08	1.42	5.35	—
End of 1985	100	5.32	19.57	4.78	14.09	11.64	13.83	19.60	2.22	2.03	1.42	5.50	—
End of 1986	100	5.21	19.75	4.74	14.21	11.39	13.72	19.72	2.23	2.02	1.41	5.60	—
End of 1987	100	5.21	19.94	4.75	14.40	11.11	13.56	19.75	2.22	1.99	1.39	5.68	—
End of 1988	100	5.16	7.45	4.74	14.72	10.78	13.35	19.80	2.24	1.96	1.36	5.74	12.71
End of 1989	100	5.13	7.59	4.78	14.96	10.54	13.13	19.63	2.25	1.93	1.33	5.79	12.95
End of 1990	100	5.14	7.81	4.88	15.15	10.33	12.94	19.57	2.26	1.89	1.29	5.87	12.87
End of 1991	100	5.19	7.94	4.94	15.45	10.15	12.84	19.47	2.26	1.88	1.26	5.93	12.69
End of 1992	100	5.18	8.11	4.97	15.94	9.98	12.74	19.29	2.25	1.86	1.23	5.94	12.48
End of 1993	100	5.07	8.29	5.12	16.36	9.82	12.65	19.12	2.31	1.84	1.20	5.96	12.25
End of 1994	100	4.97	8.60	5.23	16.96	9.52	12.43	19.02	2.29	1.82	1.16	5.94	12.05
End of 1995	100	5.22	9.24	5.27	17.02	9.15	12.09	18.86	2.29	1.78	1.12	5.89	12.07
End of 1996	100	5.45	9.60	5.32	17.05	8.85	11.90	18.73	2.31	1.75	1.10	5.88	12.05
End of 1997	100	5.86	9.92	5.42	16.94	8.68	11.64	18.52	2.31	1.72	1.06	5.83	12.09
End of 1998	100	5.88	10.10	5.57	16.98	8.55	11.46	18.47	2.38	1.71	1.04	5.78	12.07
End of 1999	100	6.04	10.38	5.68	16.73	8.42	11.40	18.37	2.38	1.70	1.02	5.76	12.14
End of 2000	100	6.09	10.52	5.76	16.71	8.35	11.30	18.27	2.38	1.68	1.00	5.75	12.18
End of 2001	100	6.11	10.61	5.83	16.73	8.31	11.21	18.17	2.36	1.67	1.00	5.75	12.25
End of 2002	100	6.09	10.74	5.90	16.69	8.28	11.16	18.15	2.36	1.66	1.00	5.74	12.23
End of 2003	100	6.13	10.96	5.96	16.68	8.23	11.03	18.07	2.35	1.67	1.01	5.71	12.19
End of 2004	100	6.09	11.12	6.01	16.67	8.19	10.99	18.10	2.35	1.67	1.02	5.68	12.12
End of 2005	100	6.03	11.29	6.11	16.68	8.12	10.88	18.15	2.36	1.66	1.01	5.64	12.06
End of 2006	100	5.97	11.51	6.20	16.69	8.01	10.78	18.15	2.37	1.65	1.01	5.61	12.06
End of 2007	100	5.98	11.74	6.29	16.69	7.93	10.72	18.02	2.36	1.63	0.99	5.56	12.07
End of 2008	100	6.00	11.91	6.41	16.68	7.87	10.64	17.80	2.37	1.62	0.99	5.54	12.16
End of 2009	100	6.09	11.96	6.53	16.68	7.81	10.57	17.65	2.38	1.61	0.99	5.52	12.21
End of 2010	100	6.12	12.02	6.58	16.70	7.78	10.54	17.54	2.40	1.61	0.99	5.50	12.23
End of 2011	100	6.10	12.06	6.68	16.71	7.74	10.51	17.53	2.42	1.61	0.99	5.48	12.18
End of 2012	100	6.10	11.85	7.01	16.72	7.72	10.48	17.51	2.42	1.61	0.99	5.47	12.12
End of 2013	100	6.09	11.95	7.10	16.74	7.67	10.44	17.48	2.43	1.60	0.98	5.47	12.06
End of 2014	100	6.08	12.08	7.16	16.79	7.61	10.39	17.45	2.44	1.59	0.98	5.45	11.98
End of 2015	100	6.04	12.19	7.26	16.83	7.56	10.36	17.41	2.45	1.59	0.97	5.43	11.91
End of 2016	100	6.06	12.34	7.35	16.83	7.50	10.30	17.36	2.46	1.58	0.97	5.41	11.85
End of 2017	100	6.06	12.39	7.40	16.86	7.46	10.29	17.30	2.46	1.58	0.96	5.40	11.83
End of 2018	100	6.07	12.47	7.46	16.85	7.41	10.25	17.30	2.47	1.57	0.96	5.39	11.79

Table 7 Number and Percentage of population Served

Unit:No. of Household: Household

(1) Classified by System

Population: Persons

Period & Water Supply System	Administrative Population		Population in served Area	
	No. of Households	Population	No. of Households	Population
End of 1974	2,376,590	13,212,945	1,385,644	7,833,209
End of 1975	2,452,373	13,431,137	1,592,410	8,603,451
End of 1976	2,532,304	13,688,930	1,682,461	8,992,904
End of 1977	2,625,116	13,908,275	1,866,693	9,707,825
End of 1978	2,717,595	14,127,946	2,026,607	10,348,345
End of 1979	2,830,163	14,376,247	2,186,008	10,814,447
End of 1980	2,943,436	14,724,219	2,357,055	11,427,596
End of 1981	3,057,216	14,965,033	2,513,865	11,951,052
End of 1982	3,176,911	15,178,104	2,688,751	12,583,099
End of 1983	3,263,584	15,370,200	2,844,545	13,210,651
End of 1984	3,343,197	15,569,154	2,936,130	13,481,751
End of 1985	3,427,392	15,744,145	3,032,883	13,782,411
End of 1986	3,516,084	15,849,787	3,143,192	14,013,467
End of 1987	3,622,513	15,986,732	3,263,687	14,304,893
End of 1988	3,745,655	16,151,022	3,414,465	14,574,294
End of 1989	3,863,050	16,314,502	3,539,992	14,836,964
End of 1990	3,974,500	16,520,291	3,669,312	15,113,766
End of 1991	4,074,903	16,700,088	3,782,884	15,382,792
End of 1992	4,190,910	16,903,702	3,913,260	15,625,974
End of 1993	4,320,416	17,126,944	4,039,962	15,897,381
End of 1994	4,460,691	17,316,234	4,201,970	16,218,150
End of 1995	4,616,742	17,503,028	4,374,923	16,498,277
End of 1996	4,798,944	17,700,880	4,563,143	16,746,629
End of 1997	4,959,456	17,911,925	4,725,989	16,991,019
End of 1998	5,099,589	18,054,256	4,876,161	17,188,738
End of 1999	5,241,578	18,207,692	5,031,169	17,409,005
End of 2000	5,370,942	18,371,861	5,158,368	17,579,985
End of 2001	5,475,194	18,497,289	5,267,165	17,729,130
End of 2002	5,576,794	18,596,416	5,371,461	17,852,583
End of 2003	5,682,190	18,683,337	5,478,928	17,960,113
End of 2004	5,792,488	18,761,732	5,589,915	18,052,043
End of 2005	5,888,416	18,836,882	5,689,833	18,150,441
End of 2006	5,977,012	18,917,224	5,778,118	18,239,206
End of 2007	6,082,080	18,994,905	5,879,519	18,312,586
End of 2008	6,206,949	19,073,097	6,005,083	18,404,195
End of 2009	6,335,087	19,155,092	6,131,477	18,489,580
End of 2010	6,541,394	19,206,576	6,336,354	18,557,994
End of 2011	6,444,555	19,181,550	6,239,811	18,524,007
End of 2012	6,645,412	19,263,460	6,440,940	18,625,684
End of 2013	6,729,809	19,300,031	6,526,033	18,670,126
End of 2014	6,809,779	19,338,858	6,617,470	18,749,387
End of 2015	6,885,647	19,392,317	6,701,783	18,835,976
End of 2016	6,968,674	19,444,559	6,787,708	18,903,077
End of 2017	7,048,490	19,487,800	6,868,089	18,952,757

Table 7 Number and Percentage of population Served

Unit: No. of Household: Household

(1) Classified by System

Population: Persons

Period & Water Supply System	Administrative Population		Population in served Area	
	No. of Households	Population	No. of Households	Population
<b>End of 2018</b>	<b>7,124,864</b>	<b>19,521,823</b>	<b>6,951,395</b>	<b>19,014,831</b>
<b>1st Branch</b>	<b>381,964</b>	<b>913,352</b>	<b>375,754</b>	<b>897,511</b>
Keelung System	263,961	633,902	261,366	627,575
Pinglin System	17,848	42,643	15,841	37,677
Danshuei System	91,125	208,595	90,175	206,212
Jinshan System	7,132	21,774	6,933	21,166
Wulai System	1,898	6,438	1,439	4,881
<b>2nd Branch</b>	<b>846,130</b>	<b>2,318,423</b>	<b>835,737</b>	<b>2,288,820</b>
Shihmen System	842,296	2,306,397	834,334	2,284,419
Fusing System	3,834	12,026	1,403	4,401
<b>3rd Branch</b>	<b>544,213</b>	<b>1,534,722</b>	<b>525,830</b>	<b>1,480,916</b>
Hsinchu System	288,576	791,203	288,576	791,203
Jhudong System	30,695	86,443	30,695	86,443
Jianshih System	2,620	8,774	843	2,832
Meihua System	275	921	91	296
Beipu System	5,227	14,922	4,555	13,023
Wufong System	2,275	5,774	1,195	2,869
Neiwan System	4,438	12,942	717	2,091
Sinpu System	10,777	33,104	10,139	31,144
Miaoli System	58,211	170,231	56,899	166,222
Dahu System	9,067	24,852	5,020	13,607
JhunanToufen System	67,843	196,715	67,843	196,715
Liyutan System	41,870	123,624	38,521	113,709
Nanjhuang System	6,312	16,655	5,464	14,489
Cyonglin System	6,619	20,025	6,462	19,550
Guan W. System	9,408	28,537	8,810	26,723
<b>4th Branch</b>	<b>1,163,761</b>	<b>3,341,294</b>	<b>1,132,363</b>	<b>3,247,350</b>
Taichung System	866,213	2,465,858	865,370	2,463,263
Sinshe System	7,797	25,116	7,094	22,848
Guguan System	3,568	8,700	805	2,090
Wufong System	20,458	65,619	17,239	55,294
Dongshih System	21,942	64,105	21,942	64,105
Jhuolan System	6,221	17,386	6,221	17,386
Lishan System	1,036	2,315	1,036	2,315
Puli System	28,335	78,424	24,727	68,289
Dapingding System	623	1,916	518	1,750
Wushe System	4,895	15,969	1,036	3,380
Rihyuetan System	5,699	15,505	4,868	13,285
Dehua System	355	978	290	825
Dadu System	12,457	41,475	12,457	41,475
Nantou System	41,775	121,214	41,775	121,214
Shueili System	30,057	79,394	29,089	76,721
Sinyi System	4,561	12,905	1,944	4,947
Dajia System	28,858	96,892	26,549	89,168

Table 7 Number and Percentage of population Served

Unit: No. of Household: Household

(1) Classified by System

Population: Persons

Period & Water Supply System		Administrative Population		Population in served Area	
		No. of Households	Population	No. of Households	Population
Waipu	System	9,811	32,230	9,239	30,351
Caotun	System	51,676	152,374	47,289	137,057
Pingding	System	197	493	197	493
Lugu	System	8,041	17,687	7,225	15,892
Dili	System	756	2,111	756	2,111
Renlun	System	423	1,521	423	1,521
Luonuo	System	715	2,478	715	2,478
Guosing	System	7,292	18,629	3,559	9,092
<b>5th Branch</b>		<b>524,196</b>	<b>1,461,712</b>	<b>519,126</b>	<b>1,447,509</b>
Chiayi	System	270,205	740,398	269,070	737,286
Dabang	System	1,459	4,304	710	2,178
Dapu	System	1,924	4,603	1,736	4,095
Yunlin	System	248,323	706,713	245,972	700,024
Alishan	System	434	1,130	312	786
Leye	System	1,851	4,564	1,326	3,140
<b>6th Branch</b>		<b>690,188</b>	<b>1,886,517</b>	<b>690,188</b>	<b>1,886,517</b>
Tainan	System	681,499	1,862,980	681,499	1,862,980
NansiYujing	System	8,689	23,537	8,689	23,537
<b>7th Branch</b>		<b>1,427,514</b>	<b>3,700,693</b>	<b>1,334,473</b>	<b>3,426,218</b>
Kaohsiung	System	1,050,839	2,642,642	1,040,005	2,611,481
Cishan	System	17,913	48,403	17,913	48,403
Maolin	System	412	1,357	412	1,357
Meinong	System	14,067	37,488	14,067	37,488
Guangsing	System	663	2,158	663	2,158
Jiasian	System	2,889	7,421	2,889	7,421
Liouguei	System	2,941	6,874	2,782	6,469
Sinwei	System	968	2,318	968	2,276
Jibei	System	535	1,619	535	1,619
Dongyuan	System	540	1,420	540	1,420
Pingtung	System	94,692	264,095	89,626	249,919
Siangtan	System	2,737	8,205	1,097	3,504
Gaoshu	System	9,844	26,422	9,049	24,328
Gaoshih	System	234	677	234	677
Sandi	System	19,993	62,762	8,685	26,319
Muzih	System	4,202	10,400	3,487	8,644
Nanhe	System	1,543	5,107	1,543	5,107
Sihchun	System	18,956	52,140	643	1,769
Singuo	System	8,949	28,145	1,509	4,411
Magong	System	30,660	77,204	28,604	72,047
Lun E.	System	583	1,753	583	1,753
Majia	System	180	543	180	543
Minsheng	System	428	1,712	428	1,598
Baolai	System	1,881	4,513	1,881	4,513

Table 7 Number and Percentage of population Served

Unit: No. of Household: Household

(1) Classified by System

Population: Persons

Period & Water Supply System		Administrative Population		Population in served Area	
		No. of Households	Population	No. of Households	Population
Jiasing	System	139	492	139	492
Wutan	System	7,577	24,746	2,011	7,129
Laiyi	System	2,326	7,433	1,659	5,480
Beishih	System	24,878	72,739	5,593	16,627
Wutai	System	421	1,331	421	1,331
Mudan	System	87,340	245,278	87,340	245,173
Duona	System	188	637	188	637
Baisha	System	2,928	8,208	2,928	8,208
Wangan	System	2,035	5,235	1,455	3,743
Siyu	System	3,035	8,349	3,035	8,349
Cimei	System	1,381	3,825	1,381	3,825
		8,617	27,042	—	—
	<b>8th Branch</b>	<b>169,511</b>	<b>455,221</b>	<b>168,554</b>	<b>452,461</b>
Yilan	System	81,695	217,067	81,395	216,217
Luodong	System	83,377	224,950	83,030	224,000
Nanao	System	1,926	5,323	1,908	5,280
Songluo	System	694	2,160	694	2,160
Yingshih	System	335	972	149	420
Sihji	System	371	1,289	302	1,032
Nanshan	System	266	915	266	915
Dongao	System	319	955	313	949
Jinyang	System	227	626	207	577
Aohua	System	301	964	290	911
	<b>9th Branch</b>	<b>126,222</b>	<b>327,968</b>	<b>122,489</b>	<b>317,397</b>
Hualien	System	91,288	234,386	91,288	234,386
Heping	System	574	1,838	574	1,838
Shueilian	System	372	836	372	836
Fonglin	System	10,430	26,723	9,884	25,235
Fongbin	System	1,135	3,159	967	2,691
Rueisuei	System	4,161	10,412	4,047	10,127
Fuyuan	System	1,865	4,874	1,417	3,703
Gangkou	System	583	1,593	564	1,541
Yuli	System	11,005	30,914	8,857	24,562
Fuli	System	2,978	7,752	2,688	6,997
Chihnan	System	1,208	3,762	1,208	3,762
Songpu	System	623	1,719	623	1,719
	<b>10th Branch</b>	<b>83,037</b>	<b>218,919</b>	<b>78,753</b>	<b>207,130</b>
Taitung	System	46,100	121,467	45,845	120,785
Chulu	System	1,766	4,551	1,548	3,989
Luye	System	4,120	11,503	3,688	9,753
Chihshang	System	3,256	8,691	3,110	8,386
Guanshan	System	3,855	11,111	3,369	9,783
Dawu	System	1,831	4,517	1,820	4,485
Jinlun	System	1,122	2,831	1,090	2,775

**Table 7 Number and Percentage of population Served**

Unit:No. of Household: Household

(1) Classified by System

Population: Persons

Period & Water Supply System		Administrative Population		Population in served Area	
		No. of Households	Population	No. of Households	Population
Taimali	System	3,140	8,149	2,923	7,646
Siadasi	System	312	715	295	710
Senyong	System	206	476	201	436
Anshuo	System	752	1,630	745	1,610
Chenggong	System	11,923	29,410	10,799	26,704
Sinhua	System	153	384	145	368
Aiguopu	System	356	897	182	439
Lyudao	System	1,159	4,097	1,152	4,072
Lanyu	System	1,879	5,157	1,429	3,922
Tuban	System	346	1,016	337	965
Lidao	System	80	337	75	302
		681	1,980	—	—
	<b>11th Branch</b>	<b>382,838</b>	<b>1,254,241</b>	<b>382,838</b>	<b>1,254,241</b>
Changhua	System	118,361	377,492	118,361	377,492
Huatan	System	25,773	84,586	25,773	84,586
Beidou	System	50,487	165,452	50,487	165,452
Erlin	System	33,412	110,221	33,412	110,221
Lugang	System	34,476	122,316	34,476	122,316
Yuanlin	System	40,951	128,515	40,951	128,515
Ershuei	System	38,222	122,259	38,222	122,259
Sihu	System	41,156	143,400	41,156	143,400
	<b>12th Branch</b>	<b>785,290</b>	<b>2,108,761</b>	<b>785,290</b>	<b>2,108,761</b>
BanSin	System	785,290	2,108,761	785,290	2,108,761

Table 7 Number and Percentage of population Served

Unit: No. of Household: Household

(1) Classified by System

Population: Persons

Period & Water Supply System	Actual Population Served			Designed Percentage of population Served (%)	Actual Percentage of population Served (%)
	No. of Households	Population		Designed Population	Actual Population Served
		Designed	Actual	Administrative Population	Administrative Population
End of 1974	920,935	6,248,858	5,421,559	47.29	41.03
End of 1975	986,070	6,780,700	5,690,158	50.48	42.37
End of 1976	1,110,627	7,616,810	6,333,404	55.64	46.27
End of 1977	1,242,431	8,300,890	7,077,380	59.68	50.89
End of 1978	1,409,543	8,927,215	7,809,240	63.19	55.28
End of 1979	1,584,641	9,503,965	8,332,582	66.11	57.96
End of 1980	1,774,346	10,306,802	8,964,510	70.00	60.88
End of 1981	1,947,276	10,811,124	9,565,168	72.24	63.92
End of 1982	2,150,494	11,440,126	10,229,216	75.37	67.39
End of 1983	2,299,864	11,955,171	10,711,112	77.78	69.69
End of 1984	2,439,845	12,495,006	11,165,311	80.25	71.71
End of 1985	2,563,980	12,829,896	11,526,359	81.49	73.21
End of 1986	2,669,319	13,324,401	11,813,056	84.07	74.53
End of 1987	2,787,782	13,668,566	12,130,038	85.50	75.88
End of 1988	2,936,374	13,969,360	12,531,973	86.49	77.59
End of 1989	3,073,427	14,225,673	12,878,956	87.20	78.94
End of 1990	3,208,973	14,430,860	13,221,879	87.35	80.03
End of 1991	3,337,865	14,664,195	13,494,748	87.81	80.81
End of 1992	3,486,545	14,960,742	13,839,979	88.51	81.88
End of 1993	3,683,369	15,182,045	14,281,175	88.64	83.38
End of 1994	3,918,630	15,571,357	14,708,173	89.92	84.94
End of 1995	4,002,241	15,785,974	14,981,612	90.19	85.59
End of 1996	4,171,952	16,020,333	15,338,138	90.51	86.65
End of 1997	4,376,952	16,278,041	15,658,464	90.88	87.42
End of 1998	4,530,405	16,483,628	15,892,537	91.30	88.03
End of 1999	4,674,232	16,708,482	16,095,139	91.77	88.40
End of 2000	4,797,714	16,948,042	16,278,421	92.25	88.61
End of 2001	4,895,552	17,124,002	16,403,837	92.58	88.68
End of 2002	5,003,046	17,254,840	16,548,877	92.79	88.99
End of 2003	5,106,250	17,429,615	16,656,087	93.29	89.15
End of 2004	5,229,208	17,512,900	16,812,491	93.34	89.61
End of 2005	5,337,307	17,584,260	16,953,918	93.35	90.00
End of 2006	5,432,101	17,706,560	17,082,199	93.60	90.30
End of 2007	5,538,524	17,787,110	17,191,993	93.64	90.51
End of 2008	5,663,414	17,864,390	17,300,119	93.66	90.70
End of 2009	5,781,362	17,988,010	17,377,812	93.91	90.72
End of 2010	5,992,770	18,093,990	17,498,822	94.21	91.11
End of 2011	5,889,540	18,033,020	17,428,900	94.01	90.86
End of 2012	6,100,436	18,227,961	17,591,953	94.62	91.32
End of 2013	6,192,084	18,347,861	17,671,405	95.07	91.56
End of 2014	6,282,964	19,156,568	17,754,301	99.06	91.81
End of 2015	6,375,451	18,734,288	17,876,689	96.61	92.18
End of 2016	6,472,658	18,900,053	17,987,131	97.20	92.50
End of 2017	6,563,291	18,912,489	18,076,123	97.05	92.76

Table 7 Number and Percentage of population Served

Unit: No. of Household: Household

(1) Classified by System

Population: Persons

Period & Water Supply System	Actual Population Served			Designed Percentage of population Served (%)	Actual Percentage of population Served (%)
	No. of Households	Population		Designed Population	Actual Population Served
		Designed	Actual	Administrative Population	Administrative Population
<b>End of 2018</b>	<b>6,653,434</b>	<b>18,962,179</b>	<b>18,162,702</b>	<b>97.13</b>	<b>93.04</b>
<b>1st Branch</b>	<b>360,750</b>	<b>864,815</b>	<b>857,793</b>	<b>94.69</b>	<b>93.92</b>
Keelung System	255,679	614,017	612,702	96.86	96.66
Pinglin System	12,069	30,537	29,028	71.61	68.07
Danshuei System	86,880	198,714	197,250	95.26	94.56
Jinshan System	5,760	18,166	17,585	83.43	80.76
Wulai System	362	3,381	1,228	52.52	19.07
<b>2nd Branch</b>	<b>808,540</b>	<b>2,214,330</b>	<b>2,212,405</b>	<b>95.51</b>	<b>95.43</b>
Shihmen System	807,772	2,210,301	2,209,996	95.83	95.82
Fusing System	768	4,029	2,409	33.50	20.03
<b>3rd Branch</b>	<b>485,422</b>	<b>1,487,925</b>	<b>1,361,612</b>	<b>96.95</b>	<b>88.72</b>
Hsinchu System	281,352	780,760	770,973	98.68	97.44
Jhudong System	30,644	86,400	85,889	99.95	99.36
Jianshih System	225	2,670	758	30.43	8.64
Meihua System	16	600	49	65.15	5.32
Beipu System	3,681	14,000	10,451	93.82	70.04
Wufong System	324	4,920	901	85.21	15.60
Neiwan System	540	4,350	1,575	33.61	12.17
Sinpu System	7,662	30,700	23,536	92.74	71.10
Miaoli System	47,354	170,200	136,900	99.98	80.42
Dahu System	3,406	14,500	9,182	58.35	36.95
JhunanToufen System	66,992	196,100	194,241	99.69	98.74
Liyutan System	29,341	119,400	86,457	96.58	69.94
Nanjhuang System	3,697	15,025	9,840	90.21	59.08
Cyonglin System	5,369	20,000	16,243	99.88	81.11
Guan W. System	4,819	28,300	14,617	99.17	51.22
<b>4th Branch</b>	<b>1,083,510</b>	<b>3,257,257</b>	<b>3,105,184</b>	<b>97.48</b>	<b>92.93</b>
Taichung System	848,288	2,456,501	2,411,146	99.62	97.78
Sinshe System	5,907	22,000	19,017	87.59	75.72
Guguan System	—	200	—	2.30	—
Wufong System	16,571	62,700	53,151	95.55	81.00
Dongshih System	17,104	57,500	49,873	89.70	77.80
Jhuolan System	5,220	16,500	14,596	94.90	83.95
Lishan System	463	1,700	1,108	73.43	47.86
Puli System	22,409	76,000	61,955	96.91	79.00
Dapingding System	508	1,750	1,625	91.34	84.81
Wushe System	478	4,700	1,559	29.43	9.76
Rihyuetan System	3,659	14,300	10,104	92.23	65.17
Dehua System	241	800	568	81.80	58.08
Dadu System	11,617	40,104	38,715	96.69	93.35
Nantou System	38,821	118,000	112,993	97.35	93.22
Shueili System	23,911	74,250	62,992	93.52	79.34
Sinyi System	773	4,600	1,957	35.65	15.16
Dajia System	25,244	93,702	84,633	96.71	87.35

Table 7 Number and Percentage of population Served

Unit: No. of Household: Household

(1) Classified by System

Population: Persons

Period & Water Supply System		Actual Population Served			Designed Percentage of population Served (%)	Actual Percentage of population Served (%)
		No. of Households	Population		Designed Population	Actual Population Served
			Designed	Actual	Administrative Population	Administrative Population
Waipu	System	9,026	31,000	29,651	96.18	92.00
Caotun	System	44,572	147,250	128,669	96.64	84.44
Pingding	System	161	480	403	97.36	81.74
Lugu	System	4,650	16,000	10,228	90.46	57.83
Dili	System	327	1,400	789	66.32	37.38
Renlun	System	122	600	448	39.45	29.45
Luonuo	System	249	1,200	857	48.43	34.58
Guosing	System	3,189	14,020	8,147	75.26	43.73
<b>5th Branch</b>		<b>493,892</b>	<b>1,460,900</b>	<b>1,376,309</b>	<b>99.94</b>	<b>94.16</b>
Chiayi	System	259,617	740,000	709,976	99.95	95.89
Dabang	System	210	4,300	746	99.91	17.33
Dapu	System	817	4,600	1,950	99.93	42.36
Yunlin	System	232,411	706,400	661,743	99.96	93.64
Alishan	System	312	1,100	781	97.35	69.12
Leye	System	525	4,500	1,113	98.60	24.39
<b>6th Branch</b>		<b>683,415</b>	<b>1,886,356</b>	<b>1,868,501</b>	<b>99.99</b>	<b>99.05</b>
Tainan	System	674,751	1,862,856	1,845,032	99.99	99.04
NansiYujing	System	8,664	23,500	23,469	99.84	99.71
<b>7th Branch</b>		<b>1,252,827</b>	<b>3,458,120</b>	<b>3,195,215</b>	<b>93.45</b>	<b>86.34</b>
Kaohsiung	System	1,023,309	2,640,627	2,568,194	99.92	97.18
Cishan	System	17,242	48,403	46,537	100.00	96.14
Maolin	System	199	1,306	655	96.24	48.27
Meinong	System	9,614	37,315	25,621	99.54	68.34
Guangsing	System	459	2,096	1,494	97.13	69.23
Jiasian	System	1,896	7,388	4,957	99.56	66.80
Liouguei	System	2,295	6,469	5,831	94.11	84.83
Sinwei	System	944	2,276	1,868	98.19	80.59
Jibei	System	533	1,612	1,609	99.57	99.38
Dongyuan	System	311	1,398	907	98.45	63.87
Pingtung	System	72,260	253,299	198,527	95.91	75.17
Siangtan	System	831	3,504	2,656	42.71	32.37
Gaoshu	System	7,298	24,328	19,458	92.07	73.64
Gaoshih	System	71	660	206	97.49	30.43
Sandi	System	2,991	26,319	9,389	41.93	14.96
Muzih	System	2,330	8,644	5,722	83.12	55.02
Nanhe	System	922	5,023	3,103	98.36	60.76
Sihchun	System	363	1,769	998	3.39	1.91
Singuo	System	157	4,411	494	15.67	1.76
Magong	System	28,582	72,047	71,991	93.32	93.25
Lun E.	System	393	1,710	1,182	97.55	67.43
Majia	System	46	530	139	97.61	25.60
Minsheng	System	125	1,598	467	93.34	27.28
Baolai	System	980	4,490	2,271	99.49	50.32

Table 7 Number and Percentage of population Served

Unit: No. of Household: Household

(1) Classified by System

Population: Persons

Period & Water Supply System		Actual Population Served			Designed Percentage of population Served (%)	Actual Percentage of population Served (%)
		No. of Households	Population		Designed Population	Actual Population Served
			Designed	Actual	Administrative Population	Administrative Population
Jiasing	System	38	479	135	97.36	27.44
Wutan	System	674	7,129	2,723	28.81	11.00
Laiyi	System	1,090	5,480	3,788	73.73	50.96
Beishih	System	597	16,627	1,746	22.86	2.40
Wutai	System	217	1,289	686	96.84	51.54
Mudan	System	67,181	245,173	187,444	99.96	76.42
Duona	System	108	630	366	98.90	57.46
Baisha	System	2,916	8,196	8,178	99.85	99.63
Wangan	System	1,452	3,743	3,735	71.50	71.35
Siyu	System	3,030	8,340	8,335	99.89	99.83
Cimei	System	1,373	3,812	3,803	99.66	99.42
		—	—	—	—	—
	<b>8th Branch</b>	<b>162,121</b>	<b>452,390</b>	<b>434,316</b>	<b>99.38</b>	<b>95.41</b>
Yilan	System	78,243	216,600	207,590	99.78	95.63
Luodong	System	81,297	224,600	219,236	99.84	97.46
Nanao	System	1,334	5,020	3,630	94.31	68.19
Songluo	System	421	1,870	1,339	86.57	61.99
Yingshih	System	33	310	108	31.89	11.11
Sihji	System	130	1,070	335	83.01	25.99
Nanshan	System	143	700	429	76.50	46.89
Dongao	System	267	900	838	94.24	87.75
Jinyang	System	64	600	206	95.85	32.91
Aohua	System	189	720	605	74.69	62.76
	<b>9th Branch</b>	<b>111,236</b>	<b>317,700</b>	<b>285,580</b>	<b>96.87</b>	<b>87.08</b>
Hualien	System	87,165	230,289	222,539	98.25	94.95
Heping	System	357	1,738	1,432	94.56	77.91
Shueilian	System	204	736	458	88.04	54.78
Fonglin	System	8,716	25,235	21,899	94.43	81.95
Fongbin	System	759	2,691	2,112	85.19	66.86
Rueisuei	System	3,439	10,127	8,605	97.26	82.65
Fuyuan	System	1,311	4,303	3,426	88.28	70.29
Gangkou	System	429	1,541	1,172	96.74	73.57
Yuli	System	6,341	28,562	17,152	92.39	55.48
Fuli	System	1,867	6,997	4,860	90.26	62.69
Chihnan	System	382	3,762	1,191	100.00	31.66
Songpu	System	266	1,719	734	100.00	42.70
	<b>10th Branch</b>	<b>68,051</b>	<b>216,826</b>	<b>179,121</b>	<b>99.04</b>	<b>81.82</b>
Taitung	System	42,739	121,462	112,671	100.00	92.76
Chulu	System	950	4,546	2,481	99.89	54.52
Luye	System	3,250	11,491	8,866	99.90	77.08
Chihshang	System	3,034	8,682	7,985	99.90	91.88
Guanshan	System	3,039	11,100	8,634	99.90	77.71
Dawu	System	1,461	4,512	3,573	99.89	79.10
Jinlun	System	751	2,828	1,864	99.89	65.84

**Table 7 Number and Percentage of population Served**

Unit:No. of Household: Household

(1) Classified by System

Population: Persons

Period & Water Supply System		Actual Population Served			Designed Percentage of population Served (%)	Actual Percentage of population Served (%)
		No. of Households	Population		Designed Population	Actual Population Served
			Designed	Actual	Administrative Population	Administrative Population
Taimali	System	2,221	8,141	5,625	99.90	69.03
Siadasi	System	260	714	603	99.86	84.34
Senyong	System	92	471	228	98.95	47.90
Anshuo	System	402	1,628	992	99.88	60.86
Chenggong	System	7,961	29,381	19,800	99.90	67.32
Sinhua	System	90	380	222	98.96	57.81
Aiguopu	System	144	896	353	99.89	39.35
Lyudao	System	796	4,093	2,814	99.90	68.68
Lanyu	System	623	5,152	1,710	99.90	33.16
Tuban	System	170	1,015	423	99.90	41.63
Lidao	System	68	334	277	99.11	82.20
		—	—	—	—	—
	<b>11th Branch</b>	<b>365,177</b>	<b>1,252,360</b>	<b>1,196,239</b>	<b>99.85</b>	<b>95.38</b>
Changhua	System	112,256	376,926	357,959	99.85	94.83
Huatan	System	23,829	84,458	78,221	99.85	92.48
Beidou	System	49,443	165,204	161,941	99.85	97.88
Erlin	System	30,892	110,056	101,967	99.85	92.51
Lugang	System	34,077	122,133	120,883	99.85	98.83
Yuanlin	System	40,160	128,322	126,029	99.85	98.07
Ershuei	System	36,398	122,076	116,320	99.85	95.14
Sihu	System	38,122	143,185	132,919	99.85	92.69
	<b>12th Branch</b>	<b>778,493</b>	<b>2,093,200</b>	<b>2,090,427</b>	<b>99.26</b>	<b>99.13</b>
BanSin	System	778,493	2,093,200	2,090,427	99.26	99.13

Table 7 Number and Percentage of population Served

Unit:No. of Household: Household

(2) Classified by Township(District)

Population: Persons

Period & TownShip	Administrative Population		Population in served Area	
	No. of Households	Population (A)	No. of Households	Population
End of 1974	2,376,590	13,212,945	1,385,644	7,833,209
End of 1975	2,452,373	13,431,137	1,592,410	8,603,451
End of 1976	2,532,304	13,688,930	1,682,461	8,992,904
End of 1977	2,625,116	13,908,275	1,866,693	9,707,825
End of 1978	2,717,595	14,127,946	2,026,607	10,348,345
End of 1979	2,830,163	14,376,247	2,186,008	10,814,447
End of 1980	2,943,436	14,724,219	2,357,055	11,427,596
End of 1981	3,057,216	14,965,033	2,513,865	11,951,052
End of 1982	3,176,911	15,178,104	2,688,751	12,583,099
End of 1983	3,263,584	15,370,200	2,844,545	13,210,651
End of 1984	3,343,197	15,569,154	2,936,130	13,481,751
End of 1985	3,427,392	15,744,145	3,032,883	13,782,411
End of 1986	3,516,084	15,849,787	3,143,192	14,013,467
End of 1987	3,622,513	15,986,732	3,263,687	14,304,893
End of 1988	3,745,655	16,151,022	3,414,465	14,574,294
End of 1989	3,863,050	16,314,502	3,539,992	14,836,964
End of 1990	3,974,500	16,520,291	3,669,312	15,113,766
End of 1991	4,074,903	16,700,088	3,782,884	15,382,792
End of 1992	4,190,910	16,903,702	3,913,260	15,625,974
End of 1993	4,320,416	17,126,944	4,039,962	15,897,381
End of 1994	4,460,691	17,316,234	4,201,970	16,218,150
End of 1995	4,616,742	17,503,028	4,374,923	16,498,277
End of 1996	4,798,944	17,700,880	4,563,143	16,746,629
End of 1997	4,959,456	17,911,925	4,725,989	16,991,019
End of 1998	5,099,589	18,054,256	4,876,161	17,188,738
End of 1999	5,241,578	18,207,692	5,031,169	17,409,005
End of 2000	5,370,942	18,371,861	5,158,368	17,579,985
End of 2001	5,475,194	18,497,289	5,267,165	17,729,130
End of 2002	5,576,794	18,596,416	5,371,461	17,852,583
End of 2003	5,682,190	18,683,337	5,478,928	17,960,113
End of 2004	5,792,488	18,761,732	5,589,915	18,052,043
End of 2005	5,888,416	18,836,882	5,689,833	18,150,441
End of 2006	5,977,012	18,917,224	5,778,118	18,239,206
End of 2007	6,082,080	18,994,905	5,879,519	18,312,586
End of 2008	6,206,949	19,073,097	6,005,083	18,404,195
End of 2009	6,335,087	19,155,092	6,131,477	18,489,580
End of 2010	6,444,555	19,181,550	6,239,811	18,524,007
End of 2011	6,541,394	19,206,576	6,336,354	18,557,994
End of 2012	6,645,412	19,263,460	6,440,940	18,625,684
End of 2013	6,729,809	19,300,031	6,526,033	18,670,126
End of 2014	6,809,779	19,338,858	6,617,470	18,749,387
End of 2015	6,885,647	19,392,317	6,701,783	18,835,976
End of 2016	6,968,674	19,444,559	6,787,708	18,903,077
End of 2017	7,048,490	19,487,800	6,868,089	18,952,757
End of 2018	7,124,864	19,521,823	6,951,395	19,014,831
New Taipei City	1,052,333	2,749,509	1,044,564	2,729,775
Banqiao District	212,630	554,742	212,630	554,742

Table 7 Number and Percentage of population Served

Unit:No. of Household: Household

(2) Classified by Township(District)

Population: Persons

Period & TownShip	Administrative Population		Population in served Area	
	No. of Households	Population (A)	No. of Households	Population
Sanchong District	3,711	9,575	3,711	9,575
Zhonghe District	32,687	85,857	32,687	85,857
Xinzhuang District	155,540	417,754	155,540	417,754
Shulin District	66,723	183,946	66,723	183,946
Yingge District	30,373	86,361	30,373	86,361
Sanxia District	43,228	115,820	43,228	115,820
Danshui District	77,282	173,502	77,282	173,502
Xizhi District	78,561	180,536	77,707	178,573
Ruifang District	16,160	39,982	16,087	39,801
Tucheng District	87,234	236,901	87,234	236,901
Luzhou District	71,720	201,332	71,720	201,332
Wugu District	32,551	86,329	32,551	86,329
Taishan District	28,641	78,708	28,641	78,708
Linkou District	44,031	110,081	42,472	106,188
Shenkeng District	9,633	23,634	9,633	23,634
Shiding District	3,402	7,731	2,864	6,508
Pinglin District	2,521	6,612	1,240	3,252
Sanzhi District	9,530	22,978	8,813	21,249
Shimen District	4,313	12,115	4,080	11,461
Bali District	14,880	38,906	14,880	38,906
Pingxi District	2,292	4,666	2,104	4,283
Shuangxi District	3,803	8,860	2,668	6,216
Gongliao District	4,368	12,301	4,129	11,628
Jinshan District	7,132	21,774	6,933	21,166
Wanli District	7,489	22,068	7,195	21,202
Wulai District	1,898	6,438	1,439	4,881
<b>Taoyuan County</b>	<b>807,471</b>	<b>2,220,872</b>	<b>798,637</b>	<b>2,195,162</b>
Taoyuan District	169,481	447,302	169,481	447,302
Zhongli District	153,223	412,063	153,201	412,004
Pingzhen District	78,341	226,412	78,320	226,352
Bade District	72,220	202,198	72,220	202,198
Yangmei District	59,375	170,380	59,346	170,289
Daxi District	32,821	94,885	32,821	94,885
Luzhu District	59,426	164,384	59,426	164,384
Dayuan District	33,661	90,888	31,204	84,201
Guishan District	62,660	160,591	62,660	160,591
Longtan District	42,550	123,175	41,143	119,102
Xinwu District	16,585	49,210	16,585	49,210
Guanyin District	23,294	67,358	20,827	60,243
Fuxing District	3,834	12,026	1,403	4,401
<b>Taichung City</b>	<b>972,652</b>	<b>2,803,894</b>	<b>962,243</b>	<b>2,772,493</b>
Central District	7,978	18,514	7,978	18,514
East District	28,300	76,175	28,300	76,175
South District	49,029	125,874	49,029	125,874
West District	45,820	115,698	45,820	115,698
North District	59,750	147,557	59,750	147,557
Xitun District	87,041	228,630	87,041	228,630

Table 7 Number and Percentage of population Served

Unit:No. of Household: Household

(2) Classified by Township(District)

Population: Persons

Period & TownShip	Administrative Population		Population in served Area	
	No. of Households	Population (A)	No. of Households	Population
Nantun District	63,334	170,618	63,334	170,618
Beitun District	102,443	279,297	102,443	279,297
Fengyuan District	54,261	167,025	54,261	167,025
Dongshi District	17,396	50,256	17,396	50,256
Dajia District	23,324	77,625	21,275	70,806
Qingshui District	27,783	86,862	27,783	86,862
Shalu District	30,196	94,079	30,196	94,079
Wuqi District	18,049	58,218	18,049	58,218
Houli District	16,489	54,775	16,489	54,775
Shengang District	19,706	65,711	19,706	65,711
Tanzi District	36,700	108,952	36,700	108,952
Daya District	30,012	95,815	29,552	94,348
Xinshe District	7,617	24,576	6,914	22,308
Shigang District	4,915	14,956	4,915	14,956
Waipu District	9,811	32,230	9,239	30,351
Da'an District	5,534	19,267	5,274	18,362
Wuri District	25,119	75,372	25,056	75,183
Dadu District	17,864	57,324	17,864	57,324
Longjing District	23,406	77,998	23,406	77,998
Wufeng District	20,458	65,619	17,239	55,294
Taiping District	65,380	191,752	65,060	190,813
Dali District	70,333	212,104	70,333	212,104
Heping District	4,604	11,015	1,841	4,405
<b>Tainan City</b>	<b>689,258</b>	<b>1,883,831</b>	<b>689,258</b>	<b>1,883,831</b>
Xinying District	29,089	77,617	29,089	77,617
Yanshui District	10,038	25,395	10,038	25,395
Baihe District	10,791	28,105	10,791	28,105
Liuying District	7,932	21,205	7,932	21,205
Houbi District	8,808	23,346	8,808	23,346
Dongshan District	8,335	20,788	8,335	20,788
Madou District	15,838	44,260	15,838	44,260
Xiaying District	9,064	23,916	9,064	23,916
Liuja District	7,811	22,148	7,811	22,148
Guantian District	7,969	21,314	7,969	21,314
Danei District	3,826	9,605	3,826	9,605
Jiali District	20,835	59,083	20,835	59,083
Xuejia District	9,622	25,665	9,622	25,665
Xigang District	8,276	24,690	8,276	24,690
Qigu District	8,031	22,732	8,031	22,732
Jiangjun District	7,278	19,664	7,278	19,664
Beimen District	4,218	11,051	4,218	11,051
Xinhua District	14,479	43,456	14,479	43,456
Shanhua District	18,027	48,968	18,027	48,968
Xinshi District	12,585	36,898	12,585	36,898
Anding District	10,217	30,483	10,217	30,483
Shanshang District	2,726	7,317	2,726	7,317
Yujing District	5,161	13,997	5,161	13,997
Nanxi District	3,525	9,537	3,525	9,537

Table 7 Number and Percentage of population Served

Unit:No. of Household: Household

(2) Classified by Township(District)

Population: Persons

Period & TownShip	Administrative Population		Population in served Area	
	No. of Households	Population (A)	No. of Households	Population
Nanhua District	2,851	8,724	2,851	8,724
Zuozhen District	1,947	4,781	1,947	4,781
Rende District	27,920	75,878	27,920	75,878
Guiren District	22,917	68,403	22,917	68,403
Guanmiao District	11,253	34,353	11,253	34,353
Longqi District	1,534	3,995	1,534	3,995
Yongkang District	85,297	234,891	85,297	234,891
East District	72,175	186,250	72,175	186,250
South District	46,099	124,824	46,099	124,824
North District	51,203	132,112	51,203	132,112
Annan District	63,875	193,438	63,875	193,438
Anping District	26,016	66,775	26,016	66,775
West Central District	31,690	78,167	31,690	78,167
<b>Kaohsiung City</b>	<b>1,099,955</b>	<b>2,773,533</b>	<b>1,086,690</b>	<b>2,735,074</b>
Yancheng District	10,807	24,059	10,807	24,059
Gushan District	58,784	140,133	58,784	140,133
Zuoying District	79,346	196,872	79,346	196,872
Nanzi District	72,051	185,687	69,481	178,455
Sanmin District	137,131	340,913	137,131	340,913
Xinxing District	22,950	51,032	22,950	51,032
Qianjin District	12,706	26,831	12,706	26,831
Lingya District	72,286	169,648	72,286	169,648
Qianzhen District	78,774	188,340	78,774	188,340
Qijin District	11,120	28,506	11,120	28,506
Xiaogang District	68,529	157,742	68,529	157,742
Fengshan District	141,987	359,519	141,987	359,519
Linyuan District	26,147	69,870	26,147	69,870
Daliao District	42,534	112,421	38,826	102,620
Dashu District	13,670	42,390	9,114	28,262
Dashe District	13,154	34,604	13,154	34,604
Renwu District	34,233	87,694	34,233	87,694
Niaosong District	18,567	44,469	18,567	44,469
Gangshan District	35,079	97,103	35,079	97,103
Qiaotou District	13,799	37,650	13,799	37,650
Yanchao District	10,635	29,820	10,635	29,820
Tianliao District	3,235	7,159	3,235	7,159
Alian District	9,422	28,658	9,422	28,658
Luzhu District	17,158	52,538	17,158	52,538
Hunei District	10,952	29,794	10,952	29,794
Qieding District	10,554	30,089	10,554	30,089
Yong'an District	5,751	13,909	5,751	13,909
Mituo District	6,794	19,252	6,794	19,252
Ziguan District	12,684	35,940	12,684	35,940
Qishan District	13,723	36,652	13,723	36,652
Meinong District	14,807	39,589	14,807	39,589
Liugui District	5,573	12,939	5,414	12,570
Jiaxian District	2,288	6,026	2,288	6,026
Shanlin District	4,803	11,795	4,088	10,039

Table 7 Number and Percentage of population Served

Unit:No. of Household: Household

(2) Classified by Township(District)

Population: Persons

Period & TownShip	Administrative Population		Population in served Area	
	No. of Households	Population (A)	No. of Households	Population
Neimen District	5,120	14,437	5,120	14,437
Maolin District	600	1,994	600	1,994
Taoyuan District	1,359	4,311	217	688
Namaxia District	843	3,148	428	1,598
<b>Yilan County</b>	<b>169,511</b>	<b>455,221</b>	<b>168,554</b>	<b>452,461</b>
Yilan City	36,569	95,732	36,569	95,732
Luodong Township	26,522	72,433	26,441	72,212
Su'ao Township	14,222	39,682	14,213	39,657
Toucheng Township	10,275	29,133	10,275	29,133
Jiaoxi Township	14,195	35,619	14,195	35,619
Zhuangwei Township	8,916	24,302	8,916	24,302
Yuanshan Township	11,740	32,281	11,440	31,456
Dongshan Township	19,420	52,880	19,335	52,649
Wujie Township	15,105	39,543	14,980	39,216
Sanxing Township	8,642	21,359	8,618	21,300
Datong Township	1,926	6,242	1,661	5,377
Nan'ao Township	1,979	6,015	1,911	5,808
<b>Hsinchu County</b>	<b>195,271</b>	<b>557,010</b>	<b>186,444</b>	<b>530,539</b>
Zhubei City	68,474	187,336	68,474	187,336
Guanxi Township	9,408	28,537	8,810	26,723
Xinpu Township	10,777	33,104	10,139	31,144
Zhudong Township	34,116	96,380	34,116	96,380
Hukou Township	27,032	77,668	27,032	77,668
Hengshan Township	4,438	12,942	717	2,091
Xinfeng Township	18,820	56,980	18,820	56,980
Qionglin Township	6,619	20,025	6,462	19,550
Baoshan Township	5,690	14,647	5,690	14,647
Beipu Township	3,141	9,335	2,801	8,325
Emei Township	2,086	5,587	1,754	4,698
Jianshi Township	2,895	9,695	934	3,128
Wufeng Township	1,775	4,774	695	1,869
<b>Miaoli County</b>	<b>189,324</b>	<b>548,863</b>	<b>179,768</b>	<b>521,528</b>
Miaoli City	31,554	88,216	31,554	88,216
Toufen City	35,401	103,081	35,401	103,081
Yuanli Township	14,722	45,211	13,300	40,844
Tongxiao Township	11,554	33,992	10,201	30,011
Zhunan Township	29,882	86,130	29,882	86,130
Houlong Township	11,984	36,257	11,708	35,527
Zhuolan Township	6,003	16,732	6,003	16,732
Dahu Township	5,375	14,482	4,363	11,755
Gongguan Township	10,722	33,261	9,750	30,246
Tongluo Township	6,139	17,871	6,139	17,871
Nanzhuang Township	3,932	10,042	3,084	7,876
Touwu Township	3,648	10,667	3,308	9,673
Sanyi Township	5,561	16,204	5,387	15,697
Xihu Township	2,639	7,033	2,515	6,703

Table 7 Number and Percentage of population Served

Unit:No. of Household: Household

(2) Classified by Township(District)

Population: Persons

Period & TownShip	Administrative Population		Population in served Area	
	No. of Households	Population (A)	No. of Households	Population
Zaoqiao Township	4,136	12,701	4,136	12,701
Sanwan Township	2,380	6,613	2,380	6,613
Shitan Township	1,708	4,331	291	738
Tai'an Township	1,984	6,039	366	1,114
<b>Changhua County</b>	<b>389,666</b>	<b>1,277,824</b>	<b>385,279</b>	<b>1,262,507</b>
Changhua City	76,791	232,729	76,791	232,729
Yuanlin City	39,845	124,890	39,845	124,890
Lugang Township	24,732	86,818	24,732	86,818
Hemei Township	26,999	90,782	26,999	90,782
Beidou Township	10,771	33,321	10,771	33,321
Xihu Township	16,408	55,365	16,408	55,365
Tianzhong Township	13,211	41,541	13,211	41,541
Erlin Township	15,112	50,536	15,112	50,536
Xianxi Township	4,441	16,860	4,441	16,860
Shengang Township	10,130	37,121	10,130	37,121
Fuxing Township	12,982	47,059	12,982	47,059
Xiushui Township	10,864	39,291	10,864	39,291
Huatan Township	14,208	45,853	14,208	45,853
Fenyuan Township	6,828	23,583	2,441	8,266
Dacun Township	11,199	36,968	11,199	36,968
Puyan Township	9,135	32,460	9,135	32,460
Puxin Township	10,717	34,745	10,717	34,745
Yongjing Township	10,937	36,962	10,937	36,962
Shetou Township	12,969	42,882	12,969	42,882
Ershui Township	5,302	15,153	5,302	15,153
Tianwei Township	8,006	27,336	8,006	27,336
Pitou Township	9,105	30,508	9,105	30,508
Fangyuan Township	10,125	33,489	10,125	33,489
Dacheng Township	5,232	16,717	5,232	16,717
Zhutang Township	4,608	15,095	4,608	15,095
Xizhou Township	9,009	29,760	9,009	29,760
<b>Nantou County</b>	<b>178,260</b>	<b>497,031</b>	<b>161,658</b>	<b>449,805</b>
Nantou City	34,912	99,519	34,912	99,519
Puli Township	28,958	80,340	25,245	70,039
Caotun Township	33,344	97,119	33,344	97,119
Zhushan Township	20,134	54,540	19,306	52,309
Jiji Township	4,304	10,804	4,304	10,804
Mingjian Township	12,623	38,265	12,623	38,265
Lugu Township	8,041	17,687	7,225	15,892
Zhongliao Township	5,629	14,680	5,629	14,680
Yuchi Township	5,752	15,753	5,108	13,989
Guoxing Township	7,292	18,629	3,559	9,092
Shuili Township	7,104	17,496	6,710	16,537
Xinyi Township	5,272	16,230	2,657	8,180
Ren'ai Township	4,895	15,969	1,036	3,380
<b>Yunlin County</b>	<b>241,047</b>	<b>686,022</b>	<b>240,799</b>	<b>685,322</b>
Douliu City	38,567	108,542	38,510	108,380
Dounan Township	15,901	44,547	15,899	44,542

Table 7 Number and Percentage of population Served

Unit:No. of Household: Household

(2) Classified by Township(District)

Population: Persons

Period & TownShip	Administrative Population		Population in served Area	
	No. of Households	Population (A)	No. of Households	Population
Huwei Township	25,208	70,844	25,208	70,844
Xiluo Township	14,802	46,064	14,802	46,064
Tuku Township	9,478	28,794	9,478	28,794
Beigang Township	16,056	39,905	16,056	39,905
Gukeng Township	11,032	31,358	10,843	30,825
Dapi Township	6,638	19,030	6,638	19,030
Citong Township	9,373	28,703	9,373	28,703
Linnei Township	6,030	17,995	6,030	17,995
Erlun Township	8,930	26,855	8,930	26,855
Lunbei Township	8,501	24,345	8,501	24,345
Mailiao Township	14,547	46,196	14,547	46,196
Dongshi Township	5,720	14,766	5,720	14,766
Baozhong Township	4,434	12,912	4,434	12,912
Taixi Township	8,639	23,730	8,639	23,730
Yuanchang Township	9,233	25,643	9,233	25,643
Sihu Township	8,698	23,209	8,698	23,209
Kouhu Township	9,421	27,276	9,421	27,276
Shuilin Township	9,839	25,308	9,839	25,308
<b>Chiayi County</b>	<b>183,224</b>	<b>507,068</b>	<b>178,402</b>	<b>493,565</b>
Taibao City	13,205	38,069	13,205	38,069
Puzi City	15,769	42,112	15,769	42,112
Budai Township	9,909	26,773	9,909	26,773
Dalin Township	11,394	30,896	11,394	30,896
Minxiong Township	25,151	71,367	25,151	71,367
Xikou Township	5,306	14,592	5,306	14,592
Xingang Township	10,691	31,723	10,691	31,723
Liujiiao Township	8,814	22,960	8,814	22,960
Dongshi Township	9,197	24,580	9,197	24,580
Yizhu Township	7,332	18,242	7,332	18,242
Lucao Township	5,746	15,358	5,746	15,358
Shuishang Township	18,163	49,316	18,163	49,316
Zhongpu Township	16,044	44,584	15,391	42,734
Zhuqi Township	11,676	35,584	10,899	33,547
Meishan Township	6,771	19,282	4,668	13,293
Fanlu Township	4,231	11,430	3,822	10,324
Dapu Township	1,924	4,603	1,736	4,095
Alishan Township	1,901	5,597	1,209	3,584
<b>Pingtung County</b>	<b>287,915</b>	<b>825,406</b>	<b>210,775</b>	<b>596,039</b>
Pingtung City	74,621	199,606	73,269	195,989
Chaozhou Township	19,539	53,893	1,226	3,382
Donggang Township	16,848	47,613	16,848	47,613
Hengchun Township	11,676	30,818	11,676	30,818
Wandan Township	15,078	50,514	13,539	45,358
Changzhi Township	10,165	29,677	5,760	16,816
Linluo Township	3,848	11,036	1,673	4,798
Jiuru Township	7,060	22,061	—	—
Ligang Township	8,209	26,044	769	2,440
Yanpu Township	7,890	25,719	987	3,217

Table 7 Number and Percentage of population Served

Unit:No. of Household: Household

(2) Classified by Township(District)

Population: Persons

Period & TownShip	Administrative Population		Population in served Area	
	No. of Households	Population (A)	No. of Households	Population
Gaoshu Township	9,258	24,384	8,463	22,290
Wanluan Township	6,524	20,593	958	3,024
Neipu Township	18,703	54,115	4,659	13,480
Zhutian Township	5,660	17,119	419	1,267
Xinpi Township	3,454	9,981	1,147	3,314
Fangliao Township	8,554	24,323	8,554	24,323
Xinyuan Township	11,817	34,880	11,817	34,880
Kanding Township	4,508	15,519	4,508	15,519
Linbian Township	6,688	17,795	6,688	17,795
Nanzhou Township	3,719	10,639	3,719	10,639
Jiadong Township	6,968	19,121	6,968	19,121
Liuqiu Township	4,540	12,364	4,540	12,364
Checheng Township	3,484	8,577	3,484	8,577
Manzhou Township	3,046	7,968	3,046	7,968
Fangshan Township	2,089	5,498	2,089	5,498
Sandimen Township	2,329	7,697	2,329	7,697
Wutai Township	1,061	3,354	1,061	3,354
Majia Township	2,058	6,829	2,058	6,829
Taiwu Township	1,361	5,392	1,361	5,392
Laiyi Township	2,232	7,433	2,232	7,433
Chunri Township	1,412	4,909	1,412	4,909
Shizi Township	1,573	4,954	1,573	4,954
Mudan Township	1,943	4,981	1,943	4,981
<b>Taitung County</b>	<b>83,037</b>	<b>218,919</b>	<b>78,753</b>	<b>207,130</b>
Taitung City	39,899	105,573	39,717	105,091
Chenggong Township	5,355	14,059	5,034	13,216
Guanshan Township	3,157	8,703	2,905	8,008
Beinan Township	6,714	17,269	6,501	16,721
Dawu Township	2,472	6,046	2,265	5,540
Taimali Township	4,733	11,147	4,298	10,137
Donghe Township	3,762	8,479	3,208	7,209
Changbin Township	2,914	7,182	2,616	6,448
Luye Township	3,049	7,875	2,890	7,464
Chishang Township	3,194	8,199	3,126	8,024
Lyudao Township	1,159	4,097	1,152	4,072
Yanping Township	1,071	3,628	765	2,591
Haiduan Township	1,089	4,186	556	2,137
Daren Township	1,443	3,580	1,179	2,925
Jinfeng Township	1,147	3,739	1,112	3,625
Lanyu Township	1,879	5,157	1,429	3,922
<b>Hualien County</b>	<b>126,222</b>	<b>327,968</b>	<b>122,489</b>	<b>317,397</b>
Hualien City	41,499	103,841	41,499	103,841
Fenglin Township	4,393	10,846	4,388	10,834
Yuli Township	8,875	24,007	7,212	19,509
Xincheng Township	7,758	20,159	7,758	20,159
Ji'an Township	32,228	83,221	32,228	83,221
Shoufeng Township	7,248	17,949	7,178	17,800

Table 7 Number and Percentage of population Served

Unit:No. of Household: Household

(2) Classified by Township(District)

Population: Persons

Period & TownShip	Administrative Population		Population in served Area	
	No. of Households	Population (A)	No. of Households	Population
Guangfu Township	5,031	12,789	4,514	11,475
Fengbin Township	1,718	4,752	1,495	4,135
Ruisui Township	4,787	11,668	4,731	11,535
Fuli Township	4,035	10,277	3,745	9,538
Xiulin Township	4,844	15,939	4,844	15,939
Wanrong Township	2,110	6,419	1,800	5,465
Zhuoxi Township	1,696	6,101	1,097	3,946
<b>Penghu County</b>	<b>40,574</b>	<b>104,440</b>	<b>37,938</b>	<b>97,791</b>
Magong City	24,963	62,610	22,907	57,453
Huxi Township	5,697	14,594	5,697	14,594
Baisha Township	3,463	9,827	3,463	9,827
Xiyu Township	3,035	8,349	3,035	8,349
Wang'an Township	2,035	5,235	1,455	3,743
Qimei Township	1,381	3,825	1,381	3,825
<b>Keelung City</b>	<b>153,580</b>	<b>370,155</b>	<b>153,580</b>	<b>370,155</b>
Zhongzheng District	22,652	51,670	22,652	51,670
Qidu District	21,563	53,782	21,563	53,782
Nuannuan District	15,723	38,619	15,723	38,619
Ren'ai District	19,064	43,730	19,064	43,730
Zhongshan District	19,259	47,398	19,259	47,398
Anle District	33,625	82,294	33,625	82,294
Xinyi District	21,694	52,662	21,694	52,662
<b>Hsinchu City</b>	<b>165,639</b>	<b>445,635</b>	<b>165,639</b>	<b>445,635</b>
East District	80,691	215,566	80,691	215,566
North District	57,377	151,679	57,377	151,679
Xiangshan District	27,571	78,390	27,571	78,390
<b>Chiayi City</b>	<b>99,925</b>	<b>268,622</b>	<b>99,925</b>	<b>268,622</b>
East District	45,490	121,162	45,490	121,162
West District	54,435	147,460	54,435	147,460

Table 7 Number and Percentage of population Served

Unit: No. of Household: Household

(2) Classified by Township(District)

Population: Persons

Period & TownShip	Actual Population Served		Actual Percentage of population Served (%)  C=B/Ax100
	No. of Households	Population (B)	
End of 1974	920,935	5,421,559	41.03
End of 1975	986,070	5,690,158	42.37
End of 1976	1,110,627	6,333,404	46.27
End of 1977	1,242,431	7,077,380	50.89
End of 1978	1,409,543	7,809,240	55.28
End of 1979	1,584,641	8,332,582	57.96
End of 1980	1,774,346	8,964,510	60.88
End of 1981	1,947,276	9,565,168	63.92
End of 1982	2,150,494	10,229,216	67.39
End of 1983	2,299,864	10,711,112	69.69
End of 1984	2,439,845	11,165,311	71.71
End of 1985	2,563,980	11,526,359	73.21
End of 1986	2,669,319	11,813,056	74.53
End of 1987	2,787,782	12,130,038	75.88
End of 1988	2,936,374	12,531,973	77.59
End of 1989	3,073,427	12,878,956	78.94
End of 1990	3,208,973	13,221,879	80.03
End of 1991	3,337,865	13,494,748	80.81
End of 1992	3,486,545	13,839,979	81.88
End of 1993	3,683,369	14,281,175	83.38
End of 1994	3,918,630	14,708,173	84.94
End of 1995	4,002,241	14,981,612	85.59
End of 1996	4,171,952	15,338,138	86.65
End of 1997	4,376,952	15,658,464	87.42
End of 1998	4,530,405	15,892,537	88.03
End of 1999	4,674,232	16,095,139	88.40
End of 2000	4,797,714	16,278,421	88.61
End of 2001	4,895,552	16,403,837	88.68
End of 2002	5,003,046	16,548,877	88.99
End of 2003	5,106,250	16,656,087	89.15
End of 2004	5,229,208	16,812,491	89.61
End of 2005	5,337,307	16,953,918	90.00
End of 2006	5,432,101	17,082,199	90.30
End of 2007	5,538,524	17,191,993	90.51
End of 2008	5,663,414	17,300,119	90.70
End of 2009	5,781,362	17,377,812	90.72
End of 2010	5,889,540	17,428,900	90.86
End of 2011	5,992,770	17,498,822	91.11
End of 2012	6,100,436	17,591,953	91.32
End of 2013	6,192,084	17,671,405	91.56
End of 2014	6,282,964	17,754,301	91.81
End of 2015	6,375,451	17,876,689	92.18
End of 2016	6,472,658	17,987,131	92.50
End of 2017	6,563,291	18,076,123	92.76
End of 2018	6,653,434	18,162,702	93.04
New Taipei City	1,022,590	2,671,183	97.15
Banqiao District	210,914	550,262	99.19

Table 7 Number and Percentage of population Served

Unit: No. of Household: Household

(2) Classified by Township(District)

Population: Persons

Period & TownShip	Actual Population Served		Actual Percentage of population Served (%)  C=B/Ax100
	No. of Households	Population (B)	
Sanchong District	3,669	9,467	98.87
Zhonghe District	32,488	85,334	99.39
Xinzhuang District	153,715	412,856	98.83
Shulin District	66,111	182,264	99.09
Yingge District	29,788	84,698	98.07
Sanxia District	43,092	115,456	99.69
Danshui District	76,808	172,438	99.39
Xizhi District	77,701	178,560	98.91
Ruifang District	15,005	37,124	92.85
Tucheng District	86,875	235,926	99.59
Luzhou District	70,755	198,623	98.65
Wugu District	32,537	86,284	99.95
Taishan District	28,604	78,594	99.86
Linkou District	41,386	103,475	94.00
Shenkeng District	9,471	23,237	98.32
Shiding District	1,080	2,454	31.74
Pinglin District	420	1,102	16.67
Sanzhi District	8,748	21,093	91.80
Shimen District	1,324	3,719	30.70
Bali District	14,578	38,116	97.97
Pingxi District	1,098	2,235	47.90
Shuangxi District	1,539	3,585	40.46
Gongliao District	2,692	7,581	61.63
Jinshan District	5,760	17,585	80.76
Wanli District	6,070	17,887	81.05
Wulai District	362	1,228	19.07
<b>Taoyuan County</b>	<b>772,521</b>	<b>2,121,477</b>	<b>95.52</b>
Taoyuan District	165,656	437,202	97.74
Zhongli District	152,334	409,672	99.42
Pingzhen District	75,831	218,969	96.71
Bade District	71,504	200,193	99.01
Yangmei District	53,210	152,687	89.62
Daxi District	29,103	84,136	88.67
Luzhu District	58,804	162,664	98.95
Dayuan District	29,564	79,747	87.74
Guishan District	60,995	156,322	97.34
Longtan District	39,103	113,197	91.90
Xinwu District	15,525	46,065	93.61
Guanyin District	20,124	58,214	86.42
Fuxing District	768	2,409	20.03
<b>Taichung City</b>	<b>934,424</b>	<b>2,687,907</b>	<b>95.86</b>
Central District	7,965	18,484	99.84
East District	28,150	75,771	99.47
South District	49,019	125,848	99.98
West District	45,793	115,630	99.94
North District	59,720	147,483	99.95
Xitun District	86,676	227,671	99.58

Table 7 Number and Percentage of population Served

Unit: No. of Household: Household

(2) Classified by Township(District)

Population: Persons

Period & TownShip	Actual Population Served		Actual Percentage of population Served (%)  C=B/Ax100
	No. of Households	Population (B)	
Nantun District	63,321	170,583	99.98
Beitun District	102,412	279,212	99.97
Fengyuan District	54,085	166,483	99.68
Dongshi District	14,316	41,358	82.29
Dajia District	21,217	70,613	90.97
Qingshui District	21,095	65,951	75.93
Shalu District	29,403	91,538	97.30
Wuqi District	17,788	57,371	98.55
Houli District	16,228	53,908	98.42
Shengang District	19,548	65,182	99.19
Tanzi District	36,487	108,320	99.42
Daya District	29,237	93,343	97.42
Xinshe District	5,727	18,477	75.18
Shigang District	3,157	9,622	64.34
Waipu District	9,026	29,651	92.00
Da'an District	4,027	14,020	72.77
Wuri District	23,851	71,522	94.89
Dadu District	17,632	56,580	98.70
Longjing District	22,958	76,505	98.09
Wufeng District	16,571	53,151	81.00
Taiping District	62,215	182,469	95.16
Dali District	66,337	200,053	94.32
Heping District	463	1,108	10.06
<b>Tainan City</b>	<b>682,646</b>	<b>1,866,280</b>	<b>99.07</b>
Xinying District	29,086	77,609	99.99
Yanshui District	9,951	25,175	99.13
Baihe District	10,366	26,998	96.06
Liuying District	7,555	20,197	95.25
Houbi District	8,568	22,710	97.28
Dongshan District	6,945	17,321	83.32
Madou District	15,700	43,874	99.13
Xiaying District	8,861	23,380	97.76
Liuji District	7,773	22,040	99.51
Guantian District	7,882	21,081	98.91
Danei District	3,309	8,308	86.50
Jiali District	20,628	58,496	99.01
Xuejia District	9,402	25,078	97.71
Xigang District	8,133	24,263	98.27
Qigu District	7,658	21,676	95.35
Jiangjun District	6,950	18,778	95.49
Beimen District	3,970	10,401	94.12
Xinhua District	14,459	43,396	99.86
Shanhua District	18,020	48,949	99.96
Xinshi District	12,580	36,883	99.96
Anding District	10,204	30,444	99.87
Shanshang District	2,684	7,204	98.46
Yujing District	5,151	13,970	99.81
Nanxi District	3,510	9,496	99.57

Table 7 Number and Percentage of population Served

Unit: No. of Household: Household

(2) Classified by Township(District)

Population: Persons

Period & TownShip	Actual Population Served		Actual Percentage of population Served (%)  C=B/Ax100
	No. of Households	Population (B)	
Nanhua District	2,820	8,629	98.91
Zuozhen District	1,935	4,752	99.39
Rende District	27,906	75,840	99.95
Guiren District	22,900	68,352	99.93
Guanmiao District	11,040	33,703	98.11
Longqi District	1,146	3,001	75.12
Yongkang District	84,855	233,674	99.48
East District	72,086	186,020	99.88
South District	46,042	124,670	99.88
North District	51,140	131,949	99.88
Annan District	63,796	193,199	99.88
Anping District	25,984	66,693	99.88
West Central District	31,651	78,071	99.88
<b>Kaohsiung City</b>	<b>1,059,848</b>	<b>2,664,814</b>	<b>96.08</b>
Yancheng District	10,765	23,965	99.61
Gushan District	58,605	139,706	99.70
Zuoying District	79,227	196,578	99.85
Nanzi District	68,426	176,345	94.97
Sanmin District	136,959	340,485	99.87
Xinxing District	22,920	50,965	99.87
Qianjin District	12,664	26,742	99.67
Lingya District	72,108	169,230	99.75
Qianzhen District	78,369	187,372	99.49
Qijin District	11,053	28,334	99.40
Xiaogang District	68,082	156,713	99.35
Fengshan District	140,689	356,232	99.09
Linyuan District	23,275	62,195	89.02
Daliao District	36,889	97,501	86.73
Dashu District	8,373	25,964	61.25
Dashe District	13,015	34,238	98.94
Renwu District	34,184	87,568	99.86
Niaosong District	16,841	40,335	90.70
Gangshan District	34,730	96,137	99.01
Qiaotou District	13,640	37,216	98.85
Yanchao District	10,210	28,628	96.00
Tianliao District	2,978	6,590	92.05
Alian District	8,917	27,122	94.64
Luzhu District	17,084	52,311	99.57
Hunei District	10,281	27,969	93.87
Qieding District	9,403	26,808	89.10
Yong'an District	4,791	11,587	83.31
Mituo District	6,546	18,549	96.35
Ziguan District	12,285	34,809	96.85
Qishan District	13,606	36,340	99.15
Meinong District	9,651	25,726	64.98
Liugui District	4,013	9,317	72.01
Jiaxian District	1,693	4,459	74.00
Shanlin District	2,533	6,220	52.73

Table 7 Number and Percentage of population Served

Unit:No. of Household: Household

(2) Classified by Township(District)

Population: Persons

Period & TownShip	Actual Population Served		Actual Percentage of population Served (%)  C=B/Ax100
	No. of Households	Population (B)	
Neimen District	4,405	12,418	86.02
Maolin District	307	1,020	51.15
Taoyuan District	206	653	15.15
Namaxia District	125	467	14.83
<b>Yilan County</b>	<b>162,121</b>	<b>434,316</b>	<b>95.41</b>
Yilan City	36,315	95,067	99.31
Luodong Township	26,316	71,870	99.22
Su'ao Township	13,650	38,086	95.98
Toucheng Township	8,532	24,191	83.04
Jiaoxi Township	14,011	35,157	98.70
Zhuangwei Township	8,434	22,988	94.59
Yuanshan Township	10,980	30,191	93.53
Dongshan Township	19,122	52,069	98.47
Wujie Township	14,975	39,203	99.14
Sanxing Township	7,772	19,216	89.97
Datong Township	775	2,512	40.24
Nan'ao Township	1,239	3,766	62.61
<b>Hsinchu County</b>	<b>170,524</b>	<b>483,529</b>	<b>86.81</b>
Zhubei City	66,893	183,011	97.69
Guanxi Township	4,819	14,617	51.22
Xinpu Township	7,662	23,536	71.10
Zhudong Township	33,572	94,812	98.37
Hukou Township	24,721	71,028	91.45
Hengshan Township	540	1,575	12.17
Xinfeng Township	17,992	54,473	95.60
Qionglin Township	5,369	16,243	81.11
Baoshan Township	4,885	12,575	85.85
Beipu Township	2,018	5,997	64.24
Emei Township	1,663	4,454	79.72
Jianshi Township	241	807	8.32
Wufeng Township	149	401	8.40
<b>Miaoli County</b>	<b>155,810</b>	<b>450,616</b>	<b>82.10</b>
Miaoli City	31,337	87,609	99.31
Toufen City	35,110	102,234	99.18
Yuanli Township	8,878	27,264	60.30
Tongxiao Township	8,494	24,989	73.51
Zhunan Township	29,581	85,262	98.99
Houlong Township	9,215	27,891	76.93
Zhuolan Township	5,002	13,942	83.33
Dahu Township	3,291	8,867	61.23
Gongguan Township	4,140	12,843	38.61
Tongluo Township	4,471	13,015	72.83
Nanzhuang Township	1,926	4,919	48.98
Touwu Township	2,256	6,597	61.84
Sanyi Township	4,949	14,421	89.00
Xihu Township	1,616	4,307	61.24

Table 7 Number and Percentage of population Served

Unit:No. of Household: Household

(2) Classified by Township(District)

Population: Persons

Period & TownShip	Actual Population Served		Actual Percentage of population Served (%)  C=B/Ax100
	No. of Households	Population (B)	
Zaoqiao Township	3,658	11,220	88.34
Sanwan Township	1,771	4,921	74.41
Shitan Township	70	178	4.11
Tai'an Township	45	137	2.27
<b>Changhua County</b>	<b>366,282</b>	<b>1,199,883</b>	<b>93.90</b>
Changhua City	72,165	218,709	93.98
Yuanlin City	39,107	122,577	98.15
Lugang Township	24,579	86,281	99.38
Hemei Township	26,896	90,436	99.62
Beidou Township	10,711	33,135	99.44
Xihu Township	15,827	53,406	96.46
Tianzhong Township	12,965	40,767	98.14
Erlin Township	13,651	45,587	90.21
Xianxi Township	3,501	13,291	78.83
Shengang Township	9,694	35,523	95.70
Fuxing Township	12,665	45,910	97.56
Xiushui Township	10,729	38,800	98.75
Huatan Township	13,107	42,300	92.25
Fenyuan Township	1,105	3,644	15.45
Dacun Township	10,424	34,406	93.07
Puyan Township	8,102	28,789	88.69
Puxin Township	10,609	34,389	98.98
Yongjing Township	10,108	34,160	92.42
Shetou Township	12,485	41,282	96.27
Ershui Township	5,023	14,356	94.74
Tianwei Township	7,782	26,558	97.15
Pitou Township	8,880	29,745	97.50
Fangyuan Township	9,297	30,750	91.82
Dacheng Township	4,499	14,375	85.99
Zhutang Township	3,994	13,084	86.68
Xizhou Township	8,377	27,623	92.82
<b>Nantou County</b>	<b>142,961</b>	<b>399,637</b>	<b>80.40</b>
Nantou City	34,050	97,058	97.53
Puli Township	22,917	63,580	79.14
Caotun Township	32,895	95,811	98.65
Zhushan Township	15,191	41,108	75.37
Jiji Township	3,622	9,092	84.15
Mingjian Township	12,244	37,116	97.00
Lugu Township	4,650	10,228	57.83
Zhongliao Township	3,248	8,463	57.65
Yuchi Township	3,872	10,604	67.31
Guoxing Township	3,189	8,147	43.73
Shuili Township	5,642	13,906	79.48
Xinyi Township	963	2,965	18.27
Ren'ai Township	478	1,559	9.76
<b>Yunlin County</b>	<b>227,517</b>	<b>647,835</b>	<b>94.43</b>
Douliu City	38,445	108,197	99.68
Dounan Township	15,811	44,296	99.44

Table 7 Number and Percentage of population Served

Unit:No. of Household: Household

(2) Classified by Township(District)

Population: Persons

Period & TownShip	Actual Population Served		Actual Percentage of population Served (%)  C=B/Ax100
	No. of Households	Population (B)	
Huwei Township	25,167	70,729	99.84
Xiluo Township	14,717	45,799	99.42
Tuku Township	9,326	28,332	98.40
Beigang Township	15,323	38,083	95.43
Gukeng Township	9,978	28,385	90.52
Dapi Township	6,602	18,927	99.46
Citong Township	9,340	28,599	99.64
Linnei Township	6,009	17,932	99.65
Erlun Township	8,826	26,542	98.83
Lunbei Township	8,451	24,202	99.41
Mailiao Township	11,661	37,031	80.16
Dongshi Township	5,018	12,954	87.73
Baozhong Township	4,151	12,088	93.62
Taixi Township	7,014	19,266	81.19
Yuanchang Township	8,606	23,901	93.21
Sihu Township	7,279	19,423	83.69
Kouhu Township	7,820	22,641	83.01
Shuilin Township	7,973	20,508	81.03
<b>Chiayi County</b>	<b>166,581</b>	<b>460,204</b>	<b>90.76</b>
Taibao City	13,159	37,940	99.66
Puzi City	15,697	41,920	99.54
Budai Township	9,371	25,319	94.57
Dalin Township	11,353	30,785	99.64
Minxiong Township	25,092	71,190	99.75
Xikou Township	5,051	13,902	95.27
Xingang Township	10,412	30,895	97.39
Liujiiao Township	8,650	22,533	98.14
Dongshi Township	8,241	22,025	89.61
Yizhu Township	6,085	15,139	82.99
Lucao Township	5,102	13,607	88.60
Shuishang Township	18,138	49,248	99.86
Zhongpu Township	12,406	34,016	76.30
Zhuqi Township	8,702	26,520	74.53
Meishan Township	4,390	12,502	64.84
Fanlu Township	3,374	9,115	79.75
Dapu Township	817	1,955	42.47
Alishan Township	541	1,593	28.46
<b>Pingtung County</b>	<b>155,862</b>	<b>434,971</b>	<b>52.70</b>
Pingtung City	63,146	168,911	84.62
Chaozhou Township	756	2,085	3.87
Donggang Township	15,920	44,990	94.49
Hengchun Township	11,651	30,752	99.79
Wandan Township	6,855	22,965	45.46
Changzhi Township	2,937	8,575	28.89
Linluo Township	80	229	2.08
Jiuru Township	—	—	—
Ligang Township	92	292	1.12
Yanpu Township	108	352	1.37

Table 7 Number and Percentage of population Served

Unit:No. of Household: Household

(2) Classified by Township(District)

Population: Persons

Period & TownShip	Actual Population Served		Actual Percentage of population Served (%)  C=B/Ax100
	No. of Households	Population (B)	
Gaoshu Township	7,037	18,534	76.01
Wanluan Township	149	470	2.28
Neipu Township	694	2,008	3.71
Zhutian Township	67	203	1.19
Xinpi Township	470	1,358	13.61
Fangliao Township	4,526	12,870	52.91
Xinyuan Township	10,734	31,683	90.83
Kanding Township	2,654	9,137	58.88
Linbian Township	5,066	13,479	75.75
Nanzhou Township	1,500	4,291	40.33
Jiadong Township	3,339	9,163	47.92
Liuqiu Township	3,161	8,609	69.63
Checheng Township	3,460	8,518	99.31
Manzhou Township	1,740	4,552	57.13
Fangshan Township	1,497	3,980	72.39
Sandimen Township	1,281	4,238	55.06
Wutai Township	565	1,786	53.25
Majia Township	1,126	3,736	54.71
Taiwu Township	804	3,185	59.07
Laiyi Township	1,676	5,581	75.08
Chunri Township	1,074	3,734	76.06
Shizi Township	590	1,867	37.69
Mudan Township	1,107	2,838	56.98
<b>Taitung County</b>	<b>68,051</b>	<b>179,121</b>	<b>81.82</b>
Taitung City	38,001	100,551	95.24
Chenggong Township	4,051	10,635	75.65
Guanshan Township	2,695	7,429	85.36
Beinan Township	4,963	12,765	73.92
Dawu Township	1,758	4,300	71.12
Taimali Township	3,234	7,594	68.13
Donghe Township	2,119	4,774	56.30
Changbin Township	1,850	4,560	63.49
Luye Township	2,596	6,705	85.14
Chishang Township	3,002	7,706	93.99
Lyudao Township	796	2,814	68.68
Yanping Township	654	2,215	61.05
Haiduan Township	444	1,707	40.78
Daren Township	601	1,491	41.65
Jinfeng Township	664	2,165	57.90
Lanyu Township	623	1,710	33.16
<b>Hualien County</b>	<b>111,236</b>	<b>285,580</b>	<b>87.08</b>
Hualien City	40,762	101,997	98.22
Fenglin Township	4,382	10,819	99.75
Yuli Township	5,772	15,613	65.04
Xincheng Township	7,739	20,110	99.76
Ji'an Township	30,591	78,994	94.92
Shoufeng Township	6,269	15,498	86.34

Table 7 Number and Percentage of population Served

Unit:No. of Household: Household

(2) Classified by Township(District)

Population: Persons

Period & TownShip	Actual Population Served		Actual Percentage of population Served (%)  C=B/Ax100
	No. of Households	Population (B)	
Guangfu Township	4,133	10,506	82.15
Fengbin Township	1,186	3,280	69.02
Ruisui Township	4,061	9,900	84.85
Fuli Township	2,418	6,159	59.93
Xiulin Township	2,791	9,115	57.19
Wanrong Township	848	2,567	39.99
Zhuoxi Township	284	1,022	16.75
<b>Penghu County</b>	<b>37,886</b>	<b>97,651</b>	<b>93.50</b>
Magong City	22,902	57,441	91.74
Huxi Township	5,680	14,550	99.70
Baisha Township	3,449	9,787	99.59
Xiyu Township	3,030	8,335	99.83
Wang'an Township	1,452	3,735	71.35
Qimei Township	1,373	3,803	99.42
<b>Keelung City</b>	<b>152,672</b>	<b>367,965</b>	<b>99.41</b>
Zhongzheng District	22,504	51,332	99.35
Qidu District	21,504	53,635	99.73
Nuannuan District	15,585	38,280	99.12
Ren'ai District	19,005	43,595	99.69
Zhongshan District	19,183	47,211	99.61
Anle District	33,350	81,621	99.18
Xinyi District	21,541	52,291	99.30
<b>Hsinchu City</b>	<b>164,108</b>	<b>441,463</b>	<b>99.06</b>
East District	80,176	214,190	99.36
North District	56,913	150,452	99.19
Xiangshan District	27,019	76,821	98.00
<b>Chiayi City</b>	<b>99,794</b>	<b>268,270</b>	<b>99.87</b>
East District	45,419	120,973	99.84
West District	54,375	147,297	99.89

Table 8 Households of Water Supply & Per Capita in Livelihood Daily Distributed Water

Period & Water Supply System	Households of water Supply(End of Year)		Distributed Water (M <sup>3</sup> )	
	No. of Households	No. of Population	Total Distributed Water	Average Water Distributed Per Day
	(Household)	(Persons)		
1974	920,935	5,421,559	423,384,502	1,159,958
1975	986,070	5,690,158	456,733,547	1,251,325
1976	1,110,627	6,332,404	486,641,970	1,329,623
1977	1,242,431	7,077,380	551,052,131	1,509,732
1978	1,409,543	7,809,240	651,925,230	1,786,097
1979	1,584,641	8,332,582	727,644,563	1,993,547
1980	1,774,346	8,964,510	782,900,812	2,139,073
1981	1,947,276	9,565,168	853,480,779	2,338,304
1982	2,150,494	10,229,216	942,414,123	2,581,957
1983	2,299,864	10,711,112	1,031,206,336	2,825,223
1984	2,439,845	11,165,311	1,083,904,966	2,961,489
1985	2,563,980	11,526,359	1,176,534,442	3,223,382
1986	2,669,319	11,813,056	1,243,916,916	3,407,992
1987	2,787,782	12,130,038	1,347,399,718	3,691,506
1988	2,936,374	12,531,973	1,483,392,954	4,052,986
1989	3,073,427	12,878,956	1,605,463,323	4,398,530
1990	3,208,973	13,221,879	1,705,602,227	4,672,883
1991	3,337,865	13,494,748	1,817,857,010	4,980,430
1992	3,486,545	13,839,979	1,952,799,874	5,335,519
1993	3,683,369	14,281,175	2,056,485,560	5,634,207
1994	3,918,630	14,708,173	2,126,372,015	5,825,677
1995	4,002,241	14,981,612	2,139,027,452	5,860,349
1996	4,171,952	15,338,138	2,195,113,081	5,997,577
1997	4,376,952	15,658,464	2,293,765,435	6,284,289
1998	4,530,405	15,892,537	2,378,114,042	6,515,381
1999	4,674,232	16,095,139	2,494,432,792	6,834,062
2000	4,797,714	16,278,421	2,845,438,541	7,774,422
2001	4,895,552	16,403,837	2,931,265,573	8,030,865
2002	5,003,046	16,548,877	2,880,050,003	7,890,548
2003	5,106,250	16,656,087	2,959,327,403	8,107,746
2004	5,229,208	16,812,491	2,981,172,447	8,145,280
2005	5,337,307	16,953,918	3,047,219,999	8,348,548
2006	5,432,101	17,082,199	3,115,321,070	8,535,126
2007	5,538,524	17,191,993	3,149,709,952	8,629,342
2008	5,663,414	17,300,119	3,101,414,351	8,497,026
2009	5,781,362	17,377,812	3,032,267,573	8,307,582
2010	5,889,540	17,428,900	3,095,423,908	8,480,613
2011	5,992,770	17,498,822	3,111,306,169	8,524,126
2012	6,100,436	17,591,953	3,115,357,317	8,511,905
2013	6,192,084	17,671,405	3,128,966,961	8,572,512
2014	6,282,964	17,754,301	3,196,882,307	8,758,582
2015	6,375,451	17,876,689	3,118,910,636	8,544,961
2016	6,472,658	17,987,131	3,157,492,464	8,627,029
2017	6,563,291	18,076,123	3,206,568,147	8,785,118
2018	6,653,434	18,162,702	3,215,462,426	8,809,486
1st Branch	360,750	857,793	157,801,819	432,334
Keelung System	255,679	612,702	117,362,913	321,542

**Table 8 Households of Water Supply &  
Per Capita in Livelihood Daily Distributed Water**

Period & Water Supply System	Households of water Supply(End of Year)		Distributed Water (M <sup>3</sup> )	
	No. of Households	No. of Population	Total Distributed Water	Average Water Distributed Per Day
	(Household)	(Persons)		
Pinglin System	12,069	29,028	5,089,108	13,943
Danshuei System	86,880	197,250	33,207,892	90,981
Jinshan System	5,760	17,585	1,896,026	5,195
Wulai System	362	1,228	245,880	674
<b>2nd Branch</b>	<b>808,540</b>	<b>2,212,405</b>	<b>438,083,698</b>	<b>1,200,229</b>
Shihmen System	807,772	2,209,996	437,732,991	1,199,268
Fusing System	768	2,409	350,707	961
<b>3rd Branch</b>	<b>485,422</b>	<b>1,361,612</b>	<b>292,549,091</b>	<b>801,504</b>
Hsinchu System	281,352	770,973	194,673,492	533,352
Jhudong System	30,644	85,889	11,304,280	30,971
Jianshih System	225	758	186,116	510
Meihua System	16	49	25,537	70
Beipu System	3,681	10,451	1,309,418	3,587
Wufong System	324	901	257,445	705
Neiwan System	540	1,575	166,037	455
Sinpu System	7,662	23,536	2,832,224	7,760
Miaoli System	47,354	136,900	19,063,173	52,228
Dahu System	3,406	9,182	1,500,153	4,110
JhunanToufen System	66,992	194,241	43,069,798	117,999
Liyutan System	29,341	86,457	12,634,986	34,616
Nanjhuang System	3,697	9,840	1,859,828	5,095
Cyonglin System	5,369	16,243	1,834,519	5,026
Guan W. System	4,819	14,617	1,832,085	5,019
<b>4th Branch</b>	<b>1,083,510</b>	<b>3,105,184</b>	<b>578,834,380</b>	<b>1,585,848</b>
Taichung System	848,288	2,411,146	483,839,990	1,325,589
Sinshe System	5,907	19,017	2,006,495	5,497
Guguan System	—	—	3,681	10
Wufong System	16,571	53,151	7,051,734	19,320
Dongshih System	17,104	49,873	6,483,356	17,763
Jhuolan System	5,220	14,596	1,504,696	4,122
Lishan System	463	1,108	219,139	600
Puli System	22,409	61,955	8,827,561	24,185
Dapingding System	508	1,625	161,865	443
Wushe System	478	1,559	308,266	845
Rihyuetan System	3,659	10,104	1,475,824	4,043
Dehua System	241	568	140,873	386
Dadu System	11,617	38,715	3,276,360	8,976
Nantou System	38,821	112,993	21,313,567	58,393
Shueili System	23,911	62,992	7,659,981	20,986
Sinyi System	773	1,957	206,593	566
Dajia System	25,244	84,633	9,262,608	25,377
Waipu System	9,026	29,651	3,618,160	9,913
Caotun System	44,572	128,669	17,795,807	48,756

**Table 8 Households of Water Supply &  
Per Capita in Livelihood Daily Distributed Water**

Period & Water Supply System		Households of water Supply(End of Year)		Distributed Water (M <sup>3</sup> )	
		No. of Households (Household)	No. of Population (Persons)	Total Distributed Water	Average Water Distributed Per Day
Pingding	System	161	403	20,249	55
Lugu	System	4,650	10,228	1,645,602	4,508
Dili	System	327	789	35,867	98
Renlun	System	122	448	43,048	118
Luonuo	System	249	857	118,255	324
Guosing	System	3,189	8,147	1,814,803	4,972
<b>5th Branch</b>		<b>493,892</b>	<b>1,376,309</b>	<b>205,374,582</b>	<b>562,670</b>
Chiayi	System	259,617	709,976	109,620,150	300,329
Dabang	System	210	746	26,603	73
Dapu	System	817	1,950	252,907	693
Yunlin	System	232,411	661,743	94,953,694	260,147
Alishan	System	312	781	236,625	648
Leye	System	525	1,113	284,603	780
<b>6th Branch</b>		<b>683,415</b>	<b>1,868,501</b>	<b>331,894,500</b>	<b>909,300</b>
Tainan	System	674,751	1,845,032	328,932,831	901,186
NansiYujing	System	8,664	23,469	2,961,669	8,114
<b>7th Branch</b>		<b>1,252,827</b>	<b>3,195,215</b>	<b>628,505,931</b>	<b>1,721,934</b>
Kaohsiung	System	1,023,309	2,568,194	540,751,841	1,481,512
Cishan	System	17,242	46,537	6,751,434	18,497
Maolin	System	199	655	105,402	289
Meinong	System	9,614	25,621	3,337,434	9,144
Guangsing	System	459	1,494	224,845	616
Jiasian	System	1,896	4,957	506,278	1,387
Liouguei	System	2,295	5,831	670,298	1,836
Sinwei	System	944	1,868	268,328	735
Jibei	System	533	1,609	113,700	312
Dongyuan	System	311	907	127,630	350
Pingtung	System	72,260	198,527	24,773,222	67,872
Siangtan	System	831	2,656	496,539	1,360
Gaoshu	System	7,298	19,458	2,654,264	7,272
Gaoshih	System	71	206	17,076	47
Sandi	System	2,991	9,389	1,668,804	4,572
Muzih	System	2,330	5,722	277,714	761
Nanhe	System	922	3,103	840,233	2,302
Sihchun	System	363	998	155,382	426
Singuo	System	157	494	40,604	111
Magong	System	28,582	71,991	9,152,880	25,076
Lun E.	System	393	1,182	775,724	2,125
Minsheng	System	46	139	2,450	7
Jiasing	System	125	467	64,461	177
Baolai	System	980	2,271	339,359	930
Jiasing	System	38	135	7,418	20
Wutan	System	674	2,723	585,446	1,604

**Table 8 Households of Water Supply &  
Per Capita in Livelihood Daily Distributed Water**

Period & Water Supply System	Households of water Supply(End of Year)		Distributed Water (M <sup>3</sup> )	
	No. of Households	No. of Population	Total Distributed	Average Water
	(Household)	(Persons)	Water	Distributed Per Day
Laiyi System	1,090	3,788	433,213	1,187
Beishih System	597	1,746	812,442	2,226
Wutai System	217	686	28,874	79
Mudan System	67,181	187,444	30,487,265	83,527
Duona System	108	366	44,211	121
Baisha System	2,916	8,178	650,140	1,781
Wangan System	1,452	3,735	201,440	552
Siyu System	3,030	8,335	844,360	2,313
Cimei System	1,373	3,803	295,220	809
<b>8th Branch</b>	<b>162,121</b>	<b>434,316</b>	<b>66,706,563</b>	<b>182,758</b>
Yilan System	78,243	207,590	26,455,745	72,481
Luodong System	81,297	219,236	38,792,322	106,280
Nan-ao System	1,334	3,630	882,895	2,419
Songluo System	421	1,339	187,921	515
Yingshih System	33	108	11,643	32
Sihji System	130	335	33,064	91
Nanshan System	143	429	88,129	241
Dongao System	267	838	108,836	298
Jinyang System	64	206	15,109	41
Aohua System	189	605	130,899	359
<b>9th Branch</b>	<b>111,236</b>	<b>285,580</b>	<b>42,015,370</b>	<b>115,111</b>
Hualien System	87,165	222,539	32,544,711	89,164
Heping System	357	1,432	591,491	1,621
Shueilian System	204	458	25,571	70
Fonglin System	8,716	21,899	3,064,147	8,395
Fongbin System	759	2,112	259,320	710
Rueisuei System	3,439	8,605	1,208,435	3,311
Fuyuan System	1,311	3,426	689,005	1,888
Gangkou System	429	1,172	182,147	499
Yuli System	6,341	17,152	2,464,167	6,751
Fuli System	1,867	4,860	569,568	1,560
Chihnan System	382	1,191	348,075	954
Songpu System	266	734	68,733	188
<b>10th Branch</b>	<b>68,051</b>	<b>179,121</b>	<b>27,308,174</b>	<b>74,817</b>
Taitung System	42,739	112,671	18,545,020	50,808
Chulu System	950	2,481	354,401	971
Luye System	3,250	8,866	1,186,842	3,252
Chihshang System	3,034	7,985	1,091,895	2,991
Guanshan System	3,039	8,634	1,078,276	2,954
Dawu System	1,461	3,573	521,782	1,430
Jinlun System	751	1,864	297,284	814
Taimali System	2,221	5,625	794,468	2,177
Siadasi System	260	603	79,772	219
Senyong System	92	228	29,968	82

**Table 8 Households of Water Supply &  
Per Capita in Livelihood Daily Distributed Water**

Period & Water Supply System	Households of water Supply(End of Year)		Distributed Water (M <sup>3</sup> )	
	No. of Households	No. of Population	Total Distributed Water	Average Water Distributed Per Day
	(Household)	(Persons)		
Anshuo System	402	992	174,917	479
Chenggong System	7,961	19,800	2,269,433	6,218
Sinhua System	90	222	28,132	77
Aiguopu System	144	353	28,913	79
Lyudao System	796	2,814	441,731	1,210
Lanyu System	623	1,710	307,725	843
Tuban System	170	423	47,756	131
Lidao System	68	277	29,859	82
<b>11th Branch</b>	<b>365,177</b>	<b>1,196,239</b>	<b>144,256,552</b>	<b>395,223</b>
Changhua System	112,256	357,959	46,641,940	127,786
Huatan System	23,829	78,221	8,954,674	24,533
Beidou System	49,443	161,941	17,964,263	49,217
Erlin System	30,892	101,967	11,927,872	32,679
Lugang System	34,077	120,883	16,234,956	44,479
Yuanlin System	40,160	126,029	15,375,372	42,124
Ershuei System	36,398	116,320	13,210,987	36,194
Sihu System	38,122	132,919	13,946,488	38,210
<b>12th Branch</b>	<b>778,493</b>	<b>2,090,427</b>	<b>302,131,766</b>	<b>827,758</b>
BanSin System	778,493	2,090,427	302,131,766	827,758

Table 8 Households of Water Supply &  
Per Capita in Livelihood Daily Distributed Water

Period & Water Supply System	Distributed Water (M <sup>3</sup> )		
	The Daily Maximum Distributed Water		Per Capita in Livelihood Daily Distributed Water
	Date	Distributed Water	
1974	...	...	0.171
1975	10/1	1,504,640	0.188
1976	9/16	1,804,695	0.183
1977	10/8	1,983,149	0.182
1978	9/28	2,000,748	0.191
1979	9/6	2,189,891	0.195
1980	10/6	2,319,596	0.197
1981	9/30	2,618,227	0.205
1982	9/19	2,927,637	0.215
1983	9/6	3,184,990	0.223
1984	9/16	3,247,538	0.225
1985	9/11	3,541,207	0.240
1986	9/9	3,772,852	0.246
1987	9/30	4,071,286	0.259
1988	9/14	4,366,288	0.274
1989	9/28	4,700,312	0.288
1990	10/2	5,004,795	0.298
1991	9/9	5,281,402	0.308
1992	9/10	5,682,377	0.319
1993	9/1	6,009,226	0.328
1994	9/7	6,466,105	0.328
1995	8/10	6,332,768	0.314
1996	9/8	6,590,983	0.321
1997	9/12	6,748,518	0.325
1998	9/10	6,976,746	0.329
1999	11/12	7,524,371	0.340
2000	7/1	8,436,746	0.376
2001	1/23	8,508,710	0.389
2002	2/10	8,423,916	0.379
2003	7/25	8,464,260	0.385
2004	10/30	8,571,989	0.377
2005	2/6	8,817,245	0.381
2006	6/30	8,897,870	0.383
2007	2/16	9,202,871	0.381
2008	4/8	8,832,901	0.367
2009	7/3	8,692,525	0.370
2010	10/13	8,822,266	0.362
2011	2/1	8,994,056	0.359
2012	1/21	8,991,894	0.355
2013	8/7	8,900,122	0.353
2014	1/29	9,115,336	0.357
2015	2/17	9,034,166	0.349
2016	8/11	9,153,017	0.350
2017	12/23	9,256,150	0.351
2018	2/15	9,475,098	0.352
1st Branch	2/15	482,630	0.483
Keelung System	2/15	361,194	0.498

**Table 8 Households of Water Supply &  
Per Capita in Livelihood Daily Distributed Water**

Period & Water Supply System		Distributed Water (M <sup>3</sup> )		
		The Daily Maximum Distributed Water		Per Capita in Livelihood Daily Distributed Water
		Date	Distributed Water	
Pinglin	System	10/14	19,588	0.475
Danshuei	System	9/19	114,712	0.596
Jinshan	System	4/5	6,116	0.259
Wulai	System	9/29	1,227	0.541
<b>2nd Branch</b>		<b>12/28</b>	<b>1,376,133</b>	<b>0.346</b>
Shihmen	System	12/28	1,375,287	0.346
Fusing	System	8/30	2,842	0.348
<b>3rd Branch</b>		<b>10/31</b>	<b>874,449</b>	<b>0.339</b>
Hsinchu	System	10/31	605,690	0.361
Jhudong	System	12/17	36,936	0.323
Jianshih	System	6/20	691	0.659
Meihua	System	5/7	101	1.297
Beipu	System	10/10	4,715	0.331
Wufong	System	3/1	1,187	0.789
Neiwan	System	1/1	726	0.279
Sinpu	System	2/15	8,899	0.287
Miaoli	System	1/1	61,575	0.360
Dahu	System	3/30	5,647	0.433
JhunanToufen	System	2/14	140,374	0.295
Liyutan	System	8/8	40,105	0.294
Nanjhuang	System	7/28	6,135	0.482
Cyonglin	System	4/1	6,546	0.303
Guan W.	System	2/15	6,052	0.340
<b>4th Branch</b>		<b>2/15</b>	<b>1,685,123</b>	<b>0.386</b>
Taichung	System	6/24	1,419,577	0.398
Sinshe	System	9/17	6,898	0.279
Guguan	System	12/13	23	—
Wufong	System	12/1	20,489	0.354
Dongshih	System	5/26	19,625	0.349
Jhuolan	System	2/28	6,018	0.275
Lishan	System	9/4	811	0.487
Puli	System	2/16	27,177	0.392
Dapingding	System	11/3	716	0.272
Wushe	System	11/14	1,295	0.540
Rihyuetan	System	9/24	5,420	0.391
Dehua	System	4/7	624	0.647
Dadu	System	2/17	10,900	0.226
Nantou	System	12/11	65,536	0.378
Shueili	System	6/4	23,233	0.323
Sinyi	System	10/31	751	0.286
Dajia	System	11/8	26,901	0.276
Waipu	System	1/22	12,585	0.324
Caotun	System	11/30	50,207	0.371

**Table 8 Households of Water Supply &  
Per Capita in Livelihood Daily Distributed Water**

Period & Water Supply System		Distributed Water (M <sup>3</sup> )		
		The Daily Maximum Distributed Water		Per Capita in Livelihood Daily Distributed Water
		Date	Distributed Water	
Pingding	System	12/26	130	0.136
Lugu	System	12/1	4,956	0.435
Dili	System	1/31	148	0.123
Renlun	System	3/7	168	0.264
Luonuo	System	12/31	448	0.373
Guosing	System	2/16	6,097	0.597
<b>5th Branch</b>		2/15	665,409	0.339
Chiayi	System	12/18	338,759	0.341
Dabang	System	10/30	210	0.104
Dapu	System	9/1	1,458	0.351
Yunlin	System	2/15	336,056	0.335
Alishan	System	3/18	876	0.818
Leye	System	2/1	1,154	0.648
<b>6th Branch</b>		2/28	1,118,523	0.322
Tainan	System	2/28	1,111,426	0.322
NansiYujing	System	2/14	11,479	0.332
<b>7th Branch</b>		5/25	1,919,366	0.341
Kaohsiung	System	5/25	1,670,692	0.339
Cishan	System	5/10	22,431	0.398
Maolin	System	1/21	371	0.447
Meinong	System	2/15	11,986	0.361
Guangsing	System	10/10	1,099	0.407
Jiasian	System	2/15	1,925	0.277
Liouguei	System	2/15	2,497	0.312
Sinwei	System	2/15	1,088	0.394
Jibei	System	8/6	760	0.194
Dongyuan	System	10/13	680	0.389
Pingtung	System	8/1	73,877	0.337
Siangtan	System	1/2	1,726	0.500
Gaoshu	System	1/30	9,693	0.367
Gaoshih	System	2/17	85	0.229
Sandi	System	10/15	5,689	0.469
Muzih	System	5/20	1,234	0.137
Nanhe	System	6/20	3,191	0.741
Sihchun	System	2/11	823	0.419
Singuo	System	5/26	132	0.221
Magong	System	4/14	28,940	0.347
Lun E.	System	4/19	3,672	1.945
Minsheng	System	10/28	28	0.050
Jiasing	System	4/2	366	0.368
Baolai	System	2/16	1,165	0.357
Jiasing	System	2/14	26	0.154
Wutan	System	3/30	2,463	0.575

**Table 8 Households of Water Supply &  
Per Capita in Livelihood Daily Distributed Water**

Period & Water Supply System		Distributed Water (M <sup>3</sup> )		
		The Daily Maximum Distributed Water		Per Capita in Livelihood Daily Distributed Water
		Date	Distributed Water	
Laiyi	System	2/16	1,739	0.313
Beishih	System	11/19	2,722	0.590
Wutai	System	11/11	91	0.117
Mudan	System	2/18	90,745	0.419
Duona	System	9/7	198	0.332
Baisha	System	5/6	2,300	0.216
Wangan	System	4/8	1,030	0.132
Siyu	System	2/15	2,640	0.275
Cimei	System	4/8	1,210	0.211
<b>8th Branch</b>		2/15	220,765	0.359
Yilan	System	7/21	92,795	0.345
Luodong	System	2/15	125,616	0.369
Nan-ao	System	12/17	3,361	0.630
Songluo	System	2/28	799	0.383
Yingshih	System	1/2	80	0.299
Sihji	System	4/30	199	0.279
Nanshan	System	7/31	550	0.578
Dongao	System	9/13	625	0.357
Jinyang	System	4/21	82	0.206
Aohua	System	11/11	585	0.649
<b>9th Branch</b>		2/8	157,964	0.387
Hualien	System	2/8	126,379	0.384
Heping	System	10/24	2,858	0.888
Shueilian	System	2/14	122	0.149
Fonglin	System	4/28	12,571	0.381
Fongbin	System	8/7	980	0.304
Rueisuei	System	2/18	5,030	0.381
Fuyuan	System	2/16	2,810	0.539
Gangkou	System	12/31	777	0.414
Yuli	System	2/18	7,719	0.393
Fuli	System	9/30	1,788	0.318
Chihnan	System	3/1	1,557	0.632
Songpu	System	2/15	342	0.251
<b>10th Branch</b>		10/25	92,349	0.413
Taitung	System	10/25	68,202	0.445
Chulu	System	5/19	2,168	0.392
Luye	System	7/1	6,401	0.367
Chihshang	System	7/1	5,358	0.374
Guanshan	System	7/1	5,169	0.342
Dawu	System	4/5	1,843	0.394
Jinlun	System	4/5	1,066	0.416
Taimali	System	2/15	2,818	0.380
Siadasi	System	4/5	292	0.348
Senyong	System	2/18	175	0.354

**Table 8 Households of Water Supply &  
Per Capita in Livelihood Daily Distributed Water**

Period & Water Supply System		Distributed Water (M <sup>3</sup> )		
		The Daily Maximum Distributed Water		Per Capita in Livelihood Daily Distributed Water
		Date	Distributed Water	
Anshuo	System	4/5	718	0.475
Chenggong	System	2/18	10,123	0.309
Sinhua	System	5/27	172	0.355
Aiguopu	System	4/4	160	0.224
Lyudao	System	8/1	1,857	0.418
Lanyu	System	8/26	1,158	0.492
Tuban	System	10/25	256	0.313
Lidao	System	7/1	143	0.294
<b>11th Branch</b>		2/15	461,237	0.287
Changhua	System	10/1	158,045	0.307
Huatan	System	9/8	31,054	0.289
Beidou	System	2/15	62,912	0.276
Erlin	System	9/27	43,438	0.243
Lugang	System	2/15	52,286	0.277
Yuanlin	System	2/14	52,040	0.322
Ershuei	System	2/15	47,017	0.289
Sihu	System	2/15	47,074	0.259
<b>12th Branch</b>		12/5	1,012,730	0.355
BanSin	System	12/5	1,012,730	0.355

Table 9 The Development of Water Supply Consumers

Unit:Households

Period & Branch	No. of Households for consumption End of Last Year	Consumer Development			The Growth of This Year	No. of Households for consumption End of Year
		Initiation A	Restoration B	Suspension C		
1974	—	67,864	10,102	17,433	60,533 (674,456)	734,989
1975	734,989	89,438	11,088	21,960	78,566 (1,385)	814,940
1976	814,940	120,964	10,240	18,015	113,189	928,129
1977	928,129	167,973	11,275	41,924	137,324	1,065,453
1978	1,065,453	169,779	14,772	19,846	164,705	1,230,158
1979	1,230,158	185,260	13,178	24,284	174,154	1,404,312
1980	1,404,312	233,578	16,561	34,762	215,377	1,619,689
1981	1,619,689	243,594	21,976	56,429	209,141	1,828,830
1982	1,828,830	237,776	33,932	56,010	215,698	2,044,528
1983	2,044,528	192,117	28,164	62,863	157,418	2,201,946
1984	2,201,946	176,825	23,706	48,464	152,067	2,354,013
1985	2,354,013	160,055	21,975	46,689	135,341	2,489,354
1986	2,489,354	143,214	22,792	44,015	121,991	2,611,345
1987	2,611,345	143,319	21,326	38,672	125,973	2,738,520
1988	2,738,520	170,247	24,620	43,092	151,775	2,890,295
1989	2,890,295	161,870	29,546	47,526	143,890	3,036,623
1990	3,036,623	166,498	33,409	55,875	144,032	3,180,655
1991	3,180,655	157,621	40,673	59,949	138,345	3,319,000
1992	3,319,000	182,813	45,001	70,968	156,846	3,475,846
1993	3,475,846	273,366	52,205	79,409	246,162	3,722,008
1994	3,722,008	375,880	66,796	104,780	337,896	4,059,904
1995	4,059,904	375,590	88,196	135,946	327,840	4,385,224
1996	4,385,224	298,116	123,403	176,731	244,788	4,631,194
1997	4,631,194	234,196	127,736	164,216	197,716	4,828,910
1998	4,828,910	203,479	119,130	150,066	172,543	5,001,453
1999	5,001,453	213,666	118,720	172,610	159,776	5,161,229
2000	5,161,229	149,999	125,344	164,926	110,417	5,271,646
2001	5,271,646	110,877	125,866	158,204	78,539	5,349,988
2002	5,349,988	98,314	124,992	148,783	74,523	5,424,515
2003	5,424,515	118,218	114,149	133,210	99,157	5,522,789

**Table 9 The Development of Water Supply Consumers**

Unit:Households

Period & Branch	No. of Households for consumption End of Last Year	Consumer Development			The Growth of This Year	No. of Households for consumption End of Year
		Initiation A	Restoration B	Suspension C		
2004	5,522,789	135,224	95,611	120,546	110,289	5,632,866
2005	5,632,866	147,888	84,346	112,569	119,665	5,752,444
2006	5,752,444	163,246	82,912	113,640	132,426	5,884,870
2007	5,884,870	160,047	76,476	104,349	129,305	6,014,175
2008	6,014,175	135,332	63,754	94,128	105,095	6,119,270
2009	6,119,270	100,547	56,719	74,795	82,435	6,201,705
2010	6,201,705	95,492	50,443	65,407	79,931	6,281,636
2011	6,281,636	97,417	40,831	53,194	84,354	6,365,990
2012	6,365,990	106,778	34,696	54,966	86,181	6,452,171
2013	6,452,171	113,672	32,307	48,070	97,909	6,550,080
2014	6,550,080	113,316	29,806	42,507	100,615	6,650,695
2015	6,650,695	122,186	28,624	39,832	110,978	6,761,673
2016	6,761,673	126,463	26,930	39,222	114,171	6,875,844
2017	6,875,844	116,000	25,593	35,397	106,196	6,982,040
2018	6,982,040	122,264	23,839	33,533	112,570	7,094,610
1st Branch	423,057	8,489	2,463	3,079	7,873	430,930
2nd Branch	865,413	20,329	3,437	4,270	19,496	884,909
3rd Branch	516,778	13,454	1,769	2,580	12,643	529,421
4th Branch	1,176,903	19,492	3,194	4,301	18,385	1,195,288
5th Branch	521,089	5,905	1,420	2,421	4,904	525,993
6th Branch	718,171	10,333	1,801	3,045	9,089	727,260
7th Branch	1,208,225	21,110	3,944	5,582	19,472	1,227,697
8th Branch	171,972	3,839	1,003	1,329	3,513	175,485
9th Branch	109,980	1,775	1,021	1,540	1,256	111,236
10th Branch	67,177	1,018	580	724	874	68,051
11th Branch	377,085	5,737	990	1,746	4,981	382,066
12th Branch	826,190	10,783	2,217	2,916	10,084	836,274

Table 10 Water Sold

(1) Classified by Consumership

—real number—

unit:M<sup>3</sup>

Period & Branch	Consumership					
	Total	Livelihood				Industrial
		Amount	Ordinary	Trade	Military Serviceman & Dependents	
1974	289,012,366	214,259,318	187,193,310	12,976,655	14,089,353	53,178,275
1975	304,351,457	232,227,770	201,024,137	12,508,845	18,694,788	45,561,413
1976	331,830,538	242,689,244	209,943,777	11,947,352	20,798,115	53,527,995
1977	384,630,881	275,579,820	241,609,635	12,308,360	21,661,825	70,007,071
1978	472,585,950	335,353,141	297,056,807	13,583,051	24,713,283	91,710,925
1979	544,957,993	385,668,923	345,853,529	13,364,488	26,450,906	107,002,658
1980	583,341,611	419,189,498	379,538,282	13,080,079	26,571,137	109,242,421
1981	644,563,139	472,212,405	430,653,612	12,502,895	29,055,898	111,760,375
1982	718,505,308	533,480,796	486,744,596	12,804,135	33,932,065	109,320,747
1983	792,986,589	593,829,524	543,710,693	13,531,142	36,587,689	119,430,081
1984	844,893,420	639,062,916	588,682,277	13,011,138	37,369,501	129,476,273
1985	905,694,148	697,090,076	643,443,721	12,893,679	40,752,676	132,426,352
1986	983,685,515	756,279,044	699,860,926	14,449,170	41,968,948	146,023,464
1987	1,064,838,159	815,674,300	756,184,794	16,209,838	43,279,668	162,402,350
1988	1,168,275,356	887,081,464	823,579,343	16,680,554	46,821,567	185,978,930
1989	1,251,920,914	949,637,709	886,636,672	15,815,588	47,185,449	198,545,918
1990	1,338,244,514	1,022,092,078	955,881,297	15,471,808	50,738,973	205,595,995
1991	1,422,513,799	1,080,267,431	1,012,641,831	15,374,933	52,250,667	222,957,764
1992	1,467,258,226	1,102,922,865	1,034,673,975	16,309,704	51,939,186	239,904,904
1993	1,564,919,759	1,183,107,874	1,113,291,431	16,826,212	52,990,231	251,026,851
1994	1,626,103,519	1,231,518,301	1,162,243,153	17,060,300	52,214,848	262,892,180
1995	1,708,556,524	1,252,214,840	1,183,447,531	17,041,112	51,726,197	313,783,892
1996	1,784,521,568	1,327,645,484	1,258,945,087	16,200,983	52,499,414	304,725,680
1997	1,826,299,531	1,341,202,467	1,270,329,292	17,028,945	53,844,230	327,731,141
1998	1,828,362,684	1,323,672,837	1,252,209,318	17,060,199	54,403,320	339,149,200
1999	1,884,793,532	1,369,682,507	1,296,514,226	16,937,242	56,231,039	354,091,351
2000	1,954,891,602	1,402,507,521	1,328,710,485	16,946,085	56,850,951	390,186,097
2001	1,991,751,339	1,443,554,434	1,371,377,119	17,228,578	54,948,737	383,056,952
2002	1,964,179,173	1,421,259,539	1,351,624,658	16,771,368	52,863,513	379,984,031
2003	2,004,898,544	1,445,446,931	1,375,720,105	18,360,497	51,366,329	395,666,636
2004	2,056,610,319	1,456,812,739	1,387,796,219	19,028,667	49,987,853	437,872,847
2005	2,094,279,812	1,482,280,385	1,414,986,705	18,549,483	48,744,197	452,572,091
2006	2,160,291,286	1,515,735,658	1,447,681,175	20,519,189	47,535,294	484,831,348
2007	2,194,917,288	1,526,833,571	1,455,215,729	23,775,355	47,842,487	507,587,817

**Table 10 Water Sold**

(1) Classified by Consumership

—real number—

unit:M<sup>3</sup>

Period & Branch	Total	Consumership				Industrial
		Livelihood			Military Serviceman & Dependents	
		Amount	Ordinary	Trade		
<b>2008</b>	<b>2,203,242,019</b>	<b>1,527,497,490</b>	<b>1,450,592,438</b>	<b>28,265,869</b>	<b>48,639,183</b>	<b>530,841,550</b>
<b>2009</b>	<b>2,110,707,987</b>	<b>1,522,169,954</b>	<b>1,443,824,685</b>	<b>28,498,189</b>	<b>49,847,080</b>	<b>456,616,183</b>
<b>2010</b>	<b>2,209,619,278</b>	<b>1,535,215,792</b>	<b>1,449,871,052</b>	<b>33,960,571</b>	<b>51,384,169</b>	<b>542,866,384</b>
<b>2011</b>	<b>2,231,201,828</b>	<b>1,536,325,378</b>	<b>1,432,879,488</b>	<b>51,568,192</b>	<b>51,877,698</b>	<b>564,634,688</b>
<b>2012</b>	<b>2,254,044,536</b>	<b>1,540,461,164</b>	<b>1,376,672,481</b>	<b>112,771,987</b>	<b>51,016,696</b>	<b>583,259,027</b>
<b>2013</b>	<b>2,295,723,519</b>	<b>1,564,457,603</b>	<b>1,394,411,423</b>	<b>119,845,490</b>	<b>50,200,690</b>	<b>601,339,128</b>
<b>2014</b>	<b>2,361,321,222</b>	<b>1,597,721,449</b>	<b>1,425,886,926</b>	<b>122,219,049</b>	<b>49,615,474</b>	<b>627,516,642</b>
<b>2015</b>	<b>2,347,637,933</b>	<b>1,611,557,402</b>	<b>1,441,310,667</b>	<b>120,143,867</b>	<b>50,102,868</b>	<b>610,379,577</b>
<b>2016</b>	<b>2,391,513,349</b>	<b>1,644,237,629</b>	<b>1,468,691,787</b>	<b>123,367,724</b>	<b>52,178,118</b>	<b>616,874,019</b>
<b>2017</b>	<b>2,450,065,906</b>	<b>1,669,003,405</b>	<b>1,489,362,022</b>	<b>126,663,327</b>	<b>52,978,056</b>	<b>655,239,796</b>
<b>2018</b>	<b>2,471,638,612</b>	<b>1,690,567,766</b>	<b>1,508,993,520</b>	<b>128,365,168</b>	<b>53,209,078</b>	<b>652,179,988</b>
1st Branch	104,077,973	94,140,566	87,768,884	4,607,304	1,764,378	3,241,861
2nd Branch	337,422,955	199,904,878	173,546,854	18,844,957	7,513,067	120,002,613
3rd Branch	235,211,119	125,472,104	110,750,386	11,988,929	2,732,789	98,759,906
4th Branch	414,010,695	301,808,225	270,672,985	22,996,106	8,139,134	97,214,094
5th Branch	160,329,720	124,058,954	114,463,280	6,046,820	3,548,854	23,962,850
6th Branch	272,515,711	172,404,234	151,049,096	15,807,678	5,547,460	89,042,214
7th Branch	493,668,246	286,775,857	246,715,519	25,220,558	14,839,780	176,779,432
8th Branch	50,830,401	39,725,623	35,842,250	2,721,964	1,161,409	6,963,005
9th Branch	30,541,808	25,509,721	21,956,548	1,997,900	1,555,273	842,405
10th Branch	18,103,949	16,282,045	14,300,694	1,005,252	976,099	24,232
11th Branch	110,432,024	93,758,388	87,734,239	4,411,101	1,613,048	12,486,907
12th Branch	244,494,011	210,727,171	194,192,785	12,716,599	3,817,787	22,860,469

Table 10 Water Sold

(1) Classified by Consumership

—real number—

unit:M<sup>3</sup>

Period & Branch	Consumership					
	Shipping	Organization & Others				
		Amount	Government Agency	Public Facility	Discount	Recovered
1974	1,849,679	19,725,094	15,678,921	751,432	1,329,457	1,965,284
1975	1,400,017	25,162,257	20,931,772	1,095,665	1,430,452	1,704,368
1976	1,376,693	34,236,606	29,587,676	567,871	2,888,282	1,192,777
1977	1,491,150	37,552,840	32,192,605	622,218	3,383,150	1,354,867
1978	1,465,823	44,056,061	36,943,815	701,768	4,178,820	2,231,658
1979	1,520,273	50,766,139	40,343,612	696,425	5,025,496	4,700,606
1980	1,543,496	53,366,196	40,649,582	746,680	5,808,759	6,161,175
1981	1,409,922	59,180,437	44,482,948	673,911	7,115,807	6,907,771
1982	1,333,275	74,370,490	49,520,167	713,342	7,977,781	16,159,200
1983	1,366,115	78,360,869	53,541,106	729,076	8,629,322	15,461,365
1984	1,235,412	75,118,819	55,461,933	724,997	8,990,967	9,940,922
1985	1,219,011	74,958,709	59,307,140	765,483	10,118,372	4,767,714
1986	1,358,009	80,024,998	63,197,861	802,823	10,716,737	5,307,577
1987	1,484,820	85,276,689	67,223,290	887,344	11,415,544	5,750,511
1988	1,468,807	93,746,155	72,644,816	928,052	12,462,572	1,887,474 5,823,241
1989	1,627,684	102,109,603	77,167,302	951,019	12,971,035	1,914,793 9,105,454
1990	1,599,707	108,956,734	79,434,412	1,024,401	13,765,009	2,664,707 12,068,205
1991	1,628,853	117,659,751	82,158,421	1,015,069	14,487,155	3,847,181 16,151,925
1992	1,898,154	122,532,303	82,028,875	1,008,735	14,972,589	4,144,637 20,377,467
1993	1,683,944	129,101,090	82,442,123	1,139,994	15,275,756	4,605,760 25,637,457
1994	1,729,795	129,963,243	82,649,204	1,137,446	14,890,302	4,052,622 27,233,669
1995	1,818,118	140,739,674	92,515,184	1,179,987	16,119,867	4,410,966 26,513,670
1996	1,943,728	150,206,676	103,381,762	1,250,524	16,521,134	3,722,544 25,330,712
1997	1,984,512	155,381,411	104,969,691	1,334,581	18,432,414	3,951,892 26,692,833
1998	2,020,981	163,519,666	110,835,687	1,527,696	20,002,834	3,671,171 27,482,278
1999	1,848,531	159,171,143	106,802,793	1,624,901	21,115,196	3,107,549 26,520,704
2000	1,864,803	160,333,181	106,333,590	1,683,948	21,638,322	3,761,161 26,916,160
2001	1,720,278	163,419,675	110,835,003	1,710,194	21,651,470	3,634,690 25,588,318
2002	1,640,140	161,295,463	113,717,423	1,598,299	20,727,208	3,528,825 21,723,708
2003	1,527,921	162,257,056	113,633,166	1,576,777	20,768,462	3,880,523 22,398,128
2004	1,561,826	160,362,907	113,535,688	1,662,317	21,150,058	3,264,749 20,750,095
2005	1,573,165	157,854,171	109,094,285	1,677,607	21,555,995	3,427,488 22,098,796
2006	1,479,688	158,244,592	110,896,412	1,930,959	21,806,270	3,189,020 20,421,931
2007	1,292,220	159,203,680	111,134,591	2,045,916	21,530,412	3,251,727 21,241,034

## Table 10 Water Sold

(1) Classified by Consumership

—real number—

unit:M<sup>3</sup>

Period & Branch	Consumership						
	Shipping	Organization & Others					
		Amount	Government Agency	Public Facility	Discount	Recovered	Others
<b>2008</b>	<b>1,256,712</b>	<b>143,646,267</b>	<b>96,839,919</b>	<b>2,221,666</b>	<b>22,420,132</b>	<b>3,103,209</b>	<b>19,061,341</b>
<b>2009</b>	<b>1,180,084</b>	<b>130,741,766</b>	<b>86,519,269</b>	<b>2,422,090</b>	<b>21,569,698</b>	<b>2,876,316</b>	<b>17,354,393</b>
<b>2010</b>	<b>1,188,689</b>	<b>130,348,413</b>	<b>86,615,523</b>	<b>2,394,973</b>	<b>20,955,294</b>	<b>2,372,398</b>	<b>18,010,225</b>
<b>2011</b>	<b>1,256,383</b>	<b>128,985,379</b>	<b>85,695,953</b>	<b>2,369,891</b>	<b>20,523,565</b>	<b>2,301,166</b>	<b>18,094,804</b>
<b>2012</b>	<b>1,157,057</b>	<b>129,167,288</b>	<b>87,100,375</b>	<b>2,211,120</b>	<b>20,120,442</b>	<b>1,947,264</b>	<b>17,788,087</b>
<b>2013</b>	<b>1,105,157</b>	<b>128,821,631</b>	<b>85,500,205</b>	<b>2,222,290</b>	<b>18,801,991</b>	<b>2,132,378</b>	<b>20,164,767</b>
<b>2014</b>	<b>1,057,305</b>	<b>135,025,826</b>	<b>87,452,413</b>	<b>2,084,472</b>	<b>19,032,543</b>	<b>2,169,524</b>	<b>24,286,874</b>
<b>2015</b>	<b>996,667</b>	<b>124,704,287</b>	<b>79,789,527</b>	<b>1,714,492</b>	<b>17,352,620</b>	<b>2,330,932</b>	<b>23,516,716</b>
<b>2016</b>	<b>1,073,915</b>	<b>129,327,786</b>	<b>79,966,809</b>	<b>1,596,348</b>	<b>17,165,863</b>	<b>2,363,714</b>	<b>28,235,052</b>
<b>2017</b>	<b>1,117,966</b>	<b>124,704,739</b>	<b>80,542,736</b>	<b>1,630,934</b>	<b>17,085,707</b>	<b>2,386,962</b>	<b>23,058,400</b>
<b>2018</b>	<b>1,144,382</b>	<b>127,746,476</b>	<b>83,015,398</b>	<b>1,846,885</b>	<b>16,841,270</b>	<b>2,133,273</b>	<b>23,909,650</b>
1st Branch	32,585	6,662,961	4,648,496	41,699	801,631	34,752	1,136,383
2nd Branch	—	17,515,464	11,947,631	117,567	1,667,022	349,116	3,434,128
3rd Branch	—	10,979,109	7,573,662	101,665	1,768,051	76,820	1,458,911
4th Branch	199,040	14,789,336	7,246,140	758,916	2,630,804	349,717	3,803,759
5th Branch	168,207	12,139,709	7,456,529	187,056	1,540,109	277,549	2,678,466
6th Branch	—	11,069,263	6,538,506	144,468	1,550,830	75,413	2,760,046
7th Branch	516,119	29,596,838	22,175,606	313,218	3,029,693	311,927	3,766,394
8th Branch	228,431	3,913,342	3,033,275	2,332	602,410	71,960	203,365
9th Branch	—	4,189,682	3,337,380	47,611	415,468	115,846	273,377
10th Branch	0	1,797,672	1,191,937	1,902	352,131	33,483	218,219
11th Branch	—	4,186,729	1,463,287	18,577	899,502	241,888	1,563,475
12th Branch	—	10,906,371	6,402,949	111,874	1,583,619	194,802	2,613,127

Table 10 Water Sold

(1) Classified by Consumership

— Percentage —

unit : %

Period & Branch	Total	Consumership										
		Livelihood				Industrial	Shipping	Organization & Others				
		Amount	Ordinary	Trade	Military Serviceman &			Amount	Government Agency	Public Facilit	Discount	Recovered
1974	100	74.14	64.77	4.49	4.88	18.40	0.64	6.83	5.43	0.26	0.46	0.68
1975	100	76.30	66.05	4.11	6.14	14.97	0.46	8.27	6.88	0.36	0.47	0.56
1976	100	73.14	63.27	3.60	6.27	16.13	0.41	10.32	8.92	0.17	0.87	0.36
1977	100	71.65	62.82	3.20	5.63	18.20	0.39	9.76	8.37	0.16	0.88	0.35
1978	100	70.96	62.86	2.87	5.23	19.41	0.31	9.32	7.82	0.15	0.88	0.47
1979	100	70.77	63.46	2.45	4.85	19.64	0.28	9.32	7.40	0.13	0.92	0.86
1980	100	71.86	65.06	2.24	4.55	18.73	0.26	9.15	6.97	0.13	1.00	1.06
1981	100	73.26	66.81	1.94	4.51	17.34	0.22	9.18	6.90	0.10	1.10	1.07
1982	100	74.25	67.74	1.78	4.72	15.22	0.19	10.35	6.89	0.10	1.11	2.25
1983	100	74.89	68.56	1.71	4.61	15.06	0.17	9.88	6.75	0.09	1.09	1.95
1984	100	75.64	69.68	1.54	4.42	15.32	0.15	8.89	6.56	0.09	1.06	1.18
1985	100	76.97	71.04	1.42	4.50	14.62	0.13	8.28	6.55	0.08	1.12	0.53
1986	100	76.88	71.15	1.47	4.27	14.84	0.14	8.14	6.42	0.08	1.09	0.54
1987	100	76.60	71.01	1.52	4.06	15.25	0.14	8.01	6.31	0.08	1.07	0.54
1988	100	75.93	70.50	1.43	4.01	15.92	0.13	8.02	6.22	0.08	1.07	0.16 0.50
1989	100	75.85	70.82	1.26	3.77	15.86	0.13	8.16	6.16	0.08	1.04	0.15 0.73
1990	100	76.38	71.43	1.16	3.79	15.36	0.12	8.14	5.94	0.08	1.03	0.20 0.90
1991	100	75.94	71.19	1.08	3.67	15.67	0.11	8.27	5.78	0.07	1.02	0.27 1.14
1992	100	75.17	70.52	1.11	3.54	16.35	0.13	8.35	5.59	0.07	1.02	0.28 1.39
1993	100	75.60	71.14	1.08	3.39	16.04	0.11	8.25	5.27	0.07	0.98	0.29 1.64
1994	100	75.73	71.47	1.05	3.21	16.17	0.11	7.99	5.08	0.07	0.92	0.25 1.67
1995	100	73.29	69.27	1.00	3.03	18.37	0.11	8.24	5.41	0.07	0.94	0.26 1.55
1996	100	74.40	70.55	0.91	2.94	17.08	0.11	8.42	5.79	0.07	0.93	0.21 1.42
1997	100	73.44	69.56	0.93	2.95	17.95	0.11	8.51	5.75	0.07	1.01	0.22 1.46
1998	100	72.40	68.49	0.93	2.98	18.55	0.11	8.94	6.06	0.08	1.09	0.20 1.50
1999	100	72.67	68.79	0.90	2.98	18.79	0.10	8.45	5.67	0.09	1.12	0.16 1.41
2000	100	71.74	67.97	0.87	2.91	19.96	0.10	8.20	5.44	0.09	1.11	0.19 1.38
2001	100	72.48	68.85	0.86	2.76	19.23	0.09	8.20	5.56	0.09	1.09	0.18 1.28
2002	100	72.36	68.81	0.85	2.69	19.35	0.08	8.21	5.79	0.08	1.06	0.18 1.11
2003	100	72.10	68.62	0.92	2.56	19.73	0.08	8.09	5.67	0.08	1.04	0.19 1.12
2004	100	70.84	67.48	0.93	2.43	21.29	0.08	7.80	5.52	0.08	1.03	0.16 1.01
2005	100	70.78	67.56	0.89	2.33	21.61	0.08	7.54	5.21	0.08	1.03	0.16 1.06
2006	100	70.16	67.01	0.95	2.20	22.44	0.07	7.33	5.13	0.09	1.01	0.15 0.95
2007	100	69.56	66.30	1.08	2.18	23.13	0.06	7.25	5.06	0.09	0.98	0.15 0.97

# Table 10 Water Sold

(1) Classified by Consumership

— Percentage —

unit : %

Period & Branch	Total	Consumership											
		Livelihood				Industrial	Shipping	Organization & Others					
		Amount	Ordinary	Trade	Military Serviceman &			Amount	Government Agency	Public Facilit	Discount	Recovered	Others
2008	100	69.33	65.84	1.28	2.21	24.09	0.06	6.52	4.40	0.10	1.02	0.14	0.87
2009	100	72.12	68.40	1.35	2.36	21.63	0.06	6.19	4.10	0.11	1.02	0.14	0.82
2010	100	69.48	65.62	1.54	2.33	24.57	0.05	5.90	3.92	0.11	0.95	0.11	0.82
2011	100	68.86	64.22	2.31	2.33	25.31	0.06	5.78	3.84	0.11	0.92	0.10	0.81
2012	100	68.34	61.08	5.00	2.26	25.88	0.05	5.73	3.86	0.10	0.89	0.09	0.79
2013	100	68.15	60.74	5.22	2.19	26.19	0.05	5.61	3.72	0.10	0.82	0.09	0.88
2014	100	67.66	60.39	5.18	2.10	26.57	0.04	5.72	3.70	0.09	0.81	0.09	1.03
2015	100	68.65	61.39	5.12	2.13	26.00	0.04	5.31	3.40	0.07	0.74	0.10	1.00
2016	100	68.75	61.41	5.16	2.18	25.79	0.04	5.41	3.34	0.07	0.72	0.10	1.18
2017	100	68.12	60.79	5.17	2.16	26.74	0.05	5.09	3.29	0.07	0.70	0.10	0.94
2018	100	68.40	61.05	5.19	2.15	26.39	0.05	5.17	3.36	0.07	0.68	0.09	0.97
1st Branch	100	90.45	84.33	4.43	1.70	3.11	0.03	6.40	4.47	0.04	0.77	0.03	1.09
2nd Branch	100	59.24	51.43	5.58	2.23	35.56	—	5.19	3.54	0.03	0.49	0.10	1.02
3rd Branch	100	53.34	47.09	5.10	1.16	41.99	—	4.67	3.22	0.04	0.75	0.03	0.62
4th Branch	100	72.90	65.38	5.55	1.97	23.48	0.05	3.57	1.75	0.18	0.64	0.08	0.92
5th Branch	100	77.38	71.39	3.77	2.21	14.95	0.10	7.57	4.65	0.12	0.96	0.17	1.67
6th Branch	100	63.26	55.43	5.80	2.04	32.67	—	4.06	2.40	0.05	0.57	0.03	1.01
7th Branch	100	58.09	49.98	5.11	3.01	35.81	0.10	6.00	4.49	0.06	0.61	0.06	0.76
8th Branch	100	78.15	70.51	5.35	2.28	13.70	0.45	7.70	5.97	0.00	1.19	0.14	0.40
9th Branch	100	83.52	71.89	6.54	5.09	2.76	—	13.72	10.93	0.16	1.36	0.38	0.90
10th Branch	100	89.94	78.99	5.55	5.39	0.13	0.00	9.93	6.58	0.01	1.95	0.18	1.21
11th Branch	100	84.90	79.45	3.99	1.46	11.31	—	3.79	1.33	0.02	0.81	0.22	1.42
12th Branch	100	86.19	79.43	5.20	1.56	9.35	—	4.46	2.62	0.05	0.65	0.08	1.07

Table 10 Water Sold

(2) Classified by Month

— real number —

unit: M<sup>3</sup>

Period & Branch	Total	Jan.	Feb.	Mar.	Apr.	May	June
1974	289,012,366	22,716,372	20,173,063	15,317,655	19,884,051	21,415,816	22,600,767
1975	304,351,457	21,852,435	22,035,045	22,278,527	21,821,999	24,165,506	25,017,690
1976	331,830,538	22,997,449	22,220,565	24,217,683	23,773,983	25,822,695	27,886,994
1977	384,630,881	25,413,799	28,347,264	27,998,789	29,445,740	32,178,855	32,388,248
1978	472,585,950	33,595,424	33,414,346	35,247,576	33,785,732	37,048,433	37,959,192
1979	544,957,993	42,755,261	39,911,095	43,377,783	40,913,013	44,434,370	44,665,840
1980	583,341,611	45,859,347	43,301,155	43,483,790	43,921,690	46,591,909	47,969,879
1981	644,563,139	50,100,725	48,186,130	50,174,522	48,290,109	52,076,725	52,001,775
1982	718,505,308	55,890,331	54,314,169	55,772,447	54,013,667	57,050,289	58,766,424
1983	792,986,589	60,552,225	59,989,366	59,126,143	58,634,906	62,317,146	66,247,179
1984	844,893,420	64,819,666	63,995,167	66,059,606	65,470,791	66,190,583	68,793,867
1985	905,694,148	70,685,329	69,944,153	68,604,993	69,652,976	71,523,446	75,216,070
1986	983,685,515	77,040,857	73,982,693	74,949,828	73,648,950	77,979,531	80,641,174
1987	1,064,838,159	83,284,005	80,224,048	82,639,058	81,848,032	84,224,800	87,273,866
1988	1,168,275,356	91,820,043	88,678,405	86,935,804	92,497,978	94,703,928	96,064,291
1989	1,251,920,914	97,901,124	98,051,205	97,540,487	95,394,748	98,227,729	101,488,112
1990	1,338,244,514	106,343,594	106,015,271	105,567,966	102,215,852	106,098,338	108,437,201
1991	1,422,513,799	115,167,290	111,270,115	111,320,150	109,903,783	114,141,804	119,076,515
1992	1,467,258,226	117,859,757	112,715,083	112,854,892	117,671,151	114,935,158	119,654,166
1993	1,564,919,759	123,010,424	124,893,462	122,182,475	119,780,139	123,392,502	129,142,644
1994	1,626,103,519	129,860,650	128,614,277	127,902,637	127,216,729	129,197,908	138,202,256
1995	1,708,556,524	137,123,151	137,677,435	134,905,733	131,263,143	135,297,651	141,249,856
1996	1,784,521,568	140,215,387	140,614,842	139,833,196	140,275,924	141,839,591	149,824,899
1997	1,826,299,531	155,421,620	155,275,743	152,106,950	152,135,393	150,156,703	156,161,173
1998	1,828,362,684	150,011,896	147,565,001	147,403,379	142,822,145	138,667,527	149,907,660
1999	1,884,793,532	154,730,013	154,922,067	144,265,885	150,860,656	152,682,866	154,308,758
2000	1,954,891,602	157,332,480	158,458,846	156,080,497	155,768,030	152,066,229	160,627,908
2001	1,991,751,339	163,196,590	165,573,387	172,374,660	163,572,739	150,557,453	159,167,432
2002	1,964,179,173	160,345,503	164,018,280	155,335,876	164,610,530	160,226,544	163,325,879
2003	2,004,898,544	163,627,662	166,710,957	159,490,441	165,315,442	152,775,241	156,942,244
2004	2,056,610,319	167,365,488	171,181,645	173,300,004	167,078,460	154,922,731	166,963,136
2005	2,094,279,812	169,037,293	167,186,962	161,575,605	172,808,084	167,063,873	171,949,262
2006	2,160,291,286	174,368,648	176,684,292	180,974,768	175,153,528	170,103,975	177,373,230
2007	2,194,917,288	177,420,625	178,751,064	175,065,826	185,356,922	178,610,806	173,788,217
2008	2,203,242,019	181,726,113	182,756,681	177,140,384	187,365,122	180,002,891	179,051,353
2009	2,110,707,987	166,349,247	169,139,610	178,070,642	171,051,360	158,131,769	169,398,559
2010	2,209,619,278	184,402,161	177,113,364	164,019,563	188,530,901	180,030,695	177,013,557

## Table 10 Water Sold

(2) Classified by Month

— real number —

unit: M<sup>3</sup>

Period & Branch	Total	Jan.	Feb.	Mar.	Apr.	May	June
2011	2,231,201,828	181,305,414	178,751,098	184,638,747	182,900,360	177,738,103	181,664,084
2012	2,254,044,536	178,040,973	179,210,025	194,863,853	184,030,825	174,875,118	189,183,172
2013	2,295,723,519	190,919,326	191,165,062	177,465,041	180,919,906	188,058,005	182,739,354
2014	2,361,321,222	197,748,355	186,990,180	188,134,353	191,082,981	184,470,513	196,109,689
2015	2,347,637,933	204,682,376	196,163,117	180,393,303	199,216,730	188,122,702	177,903,246
2016	2,391,513,349	192,794,958	180,365,583	172,721,767	188,311,397	193,849,390	200,139,206
2017	2,450,065,906	192,189,286	190,357,399	195,898,420	203,152,349	190,002,847	200,969,313
2018	2,471,638,612	203,889,277	194,235,186	196,407,025	202,051,338	206,524,378	206,861,312
1st Branch	104,077,973	8,558,027	8,009,040	7,979,427	8,513,402	8,647,693	8,469,094
2nd Branch	337,422,955	26,769,335	27,001,616	26,113,325	27,796,440	27,032,403	28,857,940
3rd Branch	235,211,119	19,404,147	17,890,011	19,098,913	18,436,230	19,644,789	19,193,454
4th Branch	414,010,695	33,140,628	33,373,767	32,173,766	34,537,715	33,595,868	35,051,735
5th Branch	160,329,720	13,861,712	12,698,943	12,211,269	13,091,061	13,600,911	13,173,245
6th Branch	272,515,711	22,751,254	21,702,877	22,100,423	22,288,255	22,778,661	23,034,072
7th Branch	493,668,246	40,483,223	38,654,131	40,636,741	40,579,113	42,158,043	42,771,664
8th Branch	50,830,401	4,587,165	3,632,632	4,204,902	3,822,146	4,573,726	3,778,214
9th Branch	30,541,808	2,419,042	2,424,522	2,262,980	2,770,458	2,600,423	2,598,793
10th Branch	18,103,949	1,508,429	1,400,320	1,383,696	1,518,906	1,553,972	1,461,313
11th Branch	110,432,024	9,218,917	8,790,476	8,656,570	9,435,715	9,466,307	9,085,495
12th Branch	244,494,011	21,187,398	18,656,851	19,585,013	19,261,897	20,871,582	19,386,293

Table 10 Water Sold

(2) Classified by Month

—real number—

unit:M<sup>3</sup>

Period & Branch	July	Aug.	Sep.	Oct.	Nov.	Dec.
1974	26,935,953	27,716,286	28,352,113	28,901,237	28,120,903	26,878,150
1975	27,330,761	28,213,380	28,700,342	28,974,259	27,574,242	26,387,271
1976	30,256,784	31,268,150	32,015,085	31,448,632	30,295,840	29,626,678
1977	30,249,706	33,821,727	35,564,547	36,442,231	37,498,480	35,281,495
1978	40,842,245	43,066,840	45,420,962	45,078,277	44,963,759	42,163,164
1979	47,040,947	47,601,380	50,473,799	48,400,000	48,713,384	46,671,121
1980	51,918,700	51,989,859	54,474,033	51,842,742	51,457,412	50,531,095
1981	54,910,297	55,534,057	59,607,548	58,643,361	58,562,750	56,475,140
1982	61,372,237	62,102,359	65,160,357	65,480,429	65,126,763	63,455,836
1983	69,310,517	73,422,519	73,091,079	71,851,496	69,904,359	68,539,654
1984	71,762,505	75,325,974	76,949,780	76,787,405	75,325,843	73,412,233
1985	78,267,299	77,717,134	83,106,154	81,442,742	80,170,650	79,363,202
1986	84,518,830	86,968,561	91,649,492	89,959,889	87,239,539	85,106,171
1987	90,014,401	92,072,487	97,456,956	97,820,305	95,261,287	92,718,914
1988	100,464,797	104,449,589	104,038,717	105,470,002	103,535,957	99,615,845
1989	106,064,149	110,707,957	113,288,154	112,977,963	112,541,795	107,737,491
1990	114,723,234	116,826,938	118,732,984	120,604,737	117,457,743	115,220,656
1991	125,138,798	124,043,314	122,396,484	128,210,178	123,107,704	118,737,664
1992	122,788,771	127,376,831	132,371,284	133,426,745	128,277,327	127,327,061
1993	132,608,849	137,667,775	140,634,022	141,081,102	136,497,645	134,028,720
1994	138,957,931	141,274,015	141,289,344	144,148,983	141,886,653	137,552,136
1995	142,773,683	149,482,766	148,042,019	152,810,439	148,850,415	149,080,233
1996	141,768,932	155,527,303	159,450,495	159,648,831	156,106,888	159,415,280
1997	145,183,543	148,408,351	150,986,728	154,968,539	150,534,856	154,959,932
1998	153,529,939	155,029,780	158,993,931	166,566,254	159,174,484	158,690,688
1999	154,037,924	160,340,601	163,762,403	168,466,413	164,891,730	161,524,216
2000	160,448,954	167,548,946	169,012,100	173,809,731	170,943,974	172,793,907
2001	157,504,118	173,879,862	173,218,752	173,051,842	169,583,347	170,071,157
2002	159,626,230	163,266,873	163,932,732	171,175,121	169,612,435	168,703,170
2003	165,274,967	173,687,297	171,088,557	179,505,148	176,617,815	173,862,773
2004	172,835,853	179,128,391	174,420,907	181,423,352	173,367,372	174,622,980
2005	174,355,739	177,798,908	178,911,887	187,515,967	181,629,488	184,446,744
2006	176,038,436	182,813,350	183,274,119	186,088,521	187,811,376	189,607,043
2007	175,478,039	184,941,838	191,586,563	190,168,813	193,477,499	190,271,076
2008	182,235,852	187,412,581	184,707,785	190,811,442	189,391,988	180,639,827
2009	178,707,245	180,059,655	178,832,006	190,506,399	184,716,949	185,744,546
2010	183,807,257	184,946,363	190,549,500	197,846,396	192,299,319	189,060,202

Table 10 Water Sold

(2) Classified by Month

Period & Branch	- real number -						unit: M <sup>3</sup>
	July	Aug.	Sep.	Oct.	Nov.	Dec.	
2011	189,084,721	186,355,593	190,546,332	199,444,103	191,667,003	187,106,270	
2012	178,121,945	190,829,599	198,815,496	199,604,597	191,418,021	195,050,912	
2013	192,599,363	193,961,925	200,855,883	198,433,488	199,308,813	199,297,353	
2014	191,529,005	202,225,897	210,768,953	200,683,730	200,221,781	211,355,785	
2015	184,039,534	198,077,200	208,051,244	197,963,696	196,808,045	216,216,740	
2016	210,270,791	209,164,917	216,744,915	208,232,989	206,406,364	212,511,072	
2017	209,808,941	211,556,462	217,197,950	216,296,077	208,010,097	214,626,765	
2018	208,321,344	216,279,019	215,664,411	206,736,222	197,567,578	217,101,522	
1st Branch	8,752,008	9,030,109	9,378,282	9,281,411	8,539,681	8,919,799	
2nd Branch	27,639,555	31,905,990	28,507,843	29,407,098	26,107,532	30,283,878	
3rd Branch	20,338,729	21,033,522	20,906,206	19,506,002	19,171,948	20,587,168	
4th Branch	34,027,723	36,623,364	35,616,861	35,599,118	32,586,486	37,683,664	
5th Branch	13,453,282	13,793,473	14,029,172	13,437,905	12,995,813	13,982,934	
6th Branch	23,055,384	23,094,533	23,601,139	22,175,600	21,681,288	24,252,225	
7th Branch	42,339,191	41,842,477	42,631,481	39,430,658	38,984,845	43,156,679	
8th Branch	4,531,937	4,189,017	5,016,319	4,051,754	4,432,535	4,010,054	
9th Branch	2,435,336	2,682,848	2,522,362	2,758,998	2,388,415	2,677,631	
10th Branch	1,485,361	1,573,002	1,627,599	1,583,029	1,478,537	1,529,785	
11th Branch	9,081,726	9,496,762	9,493,858	9,311,697	8,799,971	9,594,530	
12th Branch	21,181,112	21,013,922	22,333,289	20,192,952	20,400,527	20,423,175	

## Table 10 Water Sold

(2) Classified by Month

— Percentage —

unit : %

Period & Branch	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
1974	100	7.86	6.98	5.30	6.88	7.41	7.82	9.32	9.59	9.81	10.00	9.73	9.30
1975	100	7.18	7.24	7.32	7.17	7.94	8.22	8.98	9.27	9.43	9.52	9.06	8.67
1976	100	6.93	6.70	7.30	7.16	7.78	8.40	9.12	9.42	9.65	9.48	9.13	8.93
1977	100	6.61	7.37	7.28	7.66	8.37	8.42	7.86	8.79	9.25	9.47	9.75	9.17
1978	100	7.11	7.07	7.46	7.15	7.84	8.03	8.64	9.11	9.61	9.54	9.51	8.92
1979	100	7.85	7.32	7.96	7.51	8.15	8.20	8.63	8.73	9.26	8.88	8.94	8.56
1980	100	7.86	7.42	7.45	7.53	7.99	8.22	8.90	8.91	9.34	8.89	8.82	8.66
1981	100	7.77	7.48	7.78	7.49	8.08	8.07	8.52	8.62	9.25	9.10	9.09	8.76
1982	100	7.78	7.56	7.76	7.52	7.94	8.18	8.54	8.64	9.07	9.11	9.06	8.83
1983	100	7.64	7.56	7.46	7.39	7.86	8.35	8.74	9.26	9.22	9.06	8.82	8.64
1984	100	7.67	7.57	7.82	7.75	7.83	8.14	8.49	8.92	9.11	9.09	8.92	8.69
1985	100	7.80	7.72	7.57	7.69	7.90	8.30	8.64	8.58	9.18	8.99	8.85	8.76
1986	100	7.83	7.52	7.62	7.49	7.93	8.20	8.59	8.84	9.32	9.15	8.87	8.65
1987	100	7.82	7.53	7.76	7.69	7.91	8.20	8.45	8.65	9.15	9.19	8.95	8.71
1988	100	7.86	7.59	7.44	7.92	8.11	8.22	8.60	8.94	8.91	9.03	8.86	8.53
1989	100	7.82	7.83	7.79	7.62	7.85	8.11	8.47	8.84	9.05	9.02	8.99	8.61
1990	100	7.95	7.92	7.89	7.64	7.93	8.10	8.57	8.73	8.87	9.01	8.78	8.61
1991	100	8.10	7.82	7.83	7.73	8.02	8.37	8.80	8.72	8.60	9.01	8.65	8.35
1992	100	8.03	7.68	7.69	8.02	7.83	8.15	8.37	8.68	9.02	9.09	8.74	8.68
1993	100	7.86	7.98	7.81	7.65	7.88	8.25	8.47	8.80	8.99	9.02	8.72	8.56
1994	100	7.99	7.91	7.87	7.82	7.95	8.50	8.55	8.69	8.69	8.86	8.73	8.46
1995	100	8.03	8.06	7.90	7.68	7.92	8.27	8.36	8.75	8.66	8.94	8.71	8.73
1996	100	7.86	7.88	7.84	7.86	7.95	8.40	7.94	8.72	8.94	8.95	8.75	8.93
1997	100	8.51	8.50	8.33	8.33	8.22	8.55	7.95	8.13	8.27	8.49	8.24	8.48
1998	100	8.20	8.07	8.06	7.81	7.58	8.20	8.40	8.48	8.70	9.11	8.71	8.68
1999	100	8.21	8.22	7.65	8.00	8.10	8.19	8.17	8.51	8.69	8.94	8.75	8.57
2000	100	8.05	8.11	7.98	7.97	7.78	8.22	8.21	8.57	8.65	8.89	8.74	8.84
2001	100	8.19	8.31	8.65	8.21	7.56	7.99	7.91	8.73	8.70	8.69	8.51	8.54
2002	100	8.16	8.35	7.91	8.38	8.16	8.32	8.13	8.31	8.35	8.71	8.64	8.59
2003	100	8.16	8.32	7.96	8.25	7.62	7.83	8.24	8.66	8.53	8.95	8.81	8.67
2004	100	8.14	8.32	8.43	8.12	7.53	8.12	8.40	8.71	8.48	8.82	8.43	8.49
2005	100	8.07	7.98	7.72	8.25	7.98	8.21	8.33	8.49	8.54	8.95	8.67	8.81
2006	100	8.07	8.18	8.38	8.11	7.87	8.21	8.15	8.46	8.48	8.61	8.69	8.78
2007	100	8.08	8.14	7.98	8.44	8.14	7.92	7.99	8.43	8.73	8.66	8.81	8.67
2008	100	8.25	8.29	8.04	8.50	8.17	8.13	8.27	8.51	8.38	8.66	8.60	8.20

## Table 10 Water Sold

(2) Classified by Month

— Percentage —

unit : %

Period & Branch	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
2009	100	7.88	8.01	8.44	8.10	7.49	8.03	8.47	8.53	8.47	9.03	8.75	8.80
2010	100	8.35	8.02	7.42	8.53	8.15	8.01	8.32	8.37	8.62	8.95	8.70	8.56
2011	100	8.13	8.01	8.28	8.20	7.97	8.14	8.47	8.35	8.54	8.94	8.59	8.39
2012	100	7.90	7.95	8.65	8.16	7.76	8.39	7.90	8.47	8.82	8.86	8.49	8.65
2013	100	8.32	8.33	7.73	7.88	8.19	7.96	8.39	8.45	8.75	8.64	8.68	8.68
2014	100	8.37	7.92	7.97	8.09	7.81	8.31	8.11	8.56	8.93	8.50	8.48	8.95
2015	100	8.72	8.36	7.68	8.49	8.01	7.58	7.84	8.44	8.86	8.43	8.38	9.21
2016	100	8.06	7.54	7.22	7.87	8.11	8.37	8.79	8.75	9.06	8.71	8.63	8.89
2017	100	7.84	7.77	8.00	8.29	7.76	8.20	8.56	8.63	8.86	8.83	8.49	8.76
2018	100	8.25	7.86	7.95	8.17	8.36	8.37	8.43	8.75	8.73	8.36	7.99	8.78
1st Branch	100	8.22	7.70	7.67	8.18	8.31	8.14	8.41	8.68	9.01	8.92	8.21	8.57
2nd Branch	100	7.93	8.00	7.74	8.24	8.01	8.55	8.19	9.46	8.45	8.72	7.74	8.98
3rd Branch	100	8.25	7.61	8.12	7.84	8.35	8.16	8.65	8.94	8.89	8.29	8.15	8.75
4th Branch	100	8.00	8.06	7.77	8.34	8.11	8.47	8.22	8.85	8.60	8.60	7.87	9.10
5th Branch	100	8.65	7.92	7.62	8.17	8.48	8.22	8.39	8.60	8.75	8.38	8.11	8.72
6th Branch	100	8.35	7.96	8.11	8.18	8.36	8.45	8.46	8.47	8.66	8.14	7.96	8.90
7th Branch	100	8.20	7.83	8.23	8.22	8.54	8.66	8.58	8.48	8.64	7.99	7.90	8.74
8th Branch	100	9.02	7.15	8.27	7.52	9.00	7.43	8.92	8.24	9.87	7.97	8.72	7.89
9th Branch	100	7.92	7.94	7.41	9.07	8.51	8.51	7.97	8.78	8.26	9.03	7.82	8.77
10th Branch	100	8.33	7.73	7.64	8.39	8.58	8.07	8.20	8.69	8.99	8.74	8.17	8.45
11th Branch	100	8.35	7.96	7.84	8.54	8.57	8.23	8.22	8.60	8.60	8.43	7.97	8.69
12th Branch	100	8.67	7.63	8.01	7.88	8.54	7.93	8.66	8.59	9.13	8.26	8.34	8.35

Table 11 Comparison of Water Sold between Branches

-real number-

unit:M3

	Total	1st Branch	2nd Branch	3rd Branch	4th Branch	5th Branch	6th Branch
1974	289,012,366	21,894,353	32,383,362	20,558,910	33,773,988	—	34,271,243
1975	304,351,457	25,624,125	35,307,183	20,457,760	52,824,779	25,307,691	36,997,616
1976	331,830,538	24,423,765	41,877,602	21,886,789	51,433,774	27,453,678	40,830,540
1977	384,630,881	25,662,431	54,243,317	25,731,478	52,321,805	29,976,087	49,110,095
1978	472,585,950	28,410,828	80,050,988	29,642,465	60,633,651	36,756,544	57,852,770
1979	544,957,993	30,653,410	104,705,369	32,717,987	66,435,363	42,898,124	65,434,314
1980	583,341,611	32,278,644	116,041,924	34,746,669	72,038,653	47,048,956	70,402,704
1981	644,563,139	33,893,627	135,545,597	36,347,275	80,554,035	53,773,287	77,274,452
1982	718,505,308	37,030,538	161,263,909	38,520,493	89,625,387	61,028,144	87,227,402
1983	792,986,589	42,041,222	172,613,551	42,197,723	98,968,425	67,850,335	96,701,193
1984	844,893,420	44,612,656	180,970,681	43,483,005	108,140,909	71,846,171	102,052,970
1985	905,694,148	47,209,972	187,994,816	48,004,975	118,979,611	77,096,121	111,508,727
1986	983,685,515	49,240,035	206,190,104	51,912,218	130,347,293	81,472,503	122,029,051
1987	1,064,838,159	53,144,068	230,262,616	56,187,104	142,190,482	87,025,365	128,601,622
1988	1,168,275,356	56,701,317	232,148,957	61,727,067	160,514,157	93,526,523	136,222,048
1989	1,251,920,914	59,444,163	121,598,979	68,694,627	175,317,001	98,881,956	143,422,397
1990	1,338,244,514	64,684,917	128,243,193	75,264,713	190,349,504	104,969,754	150,773,812
1991	1,422,513,799	68,584,181	139,566,622	80,423,970	208,436,221	112,800,767	157,607,941
1992	1,467,258,226	70,464,527	144,393,247	85,233,419	217,849,150	116,438,840	160,995,725
1993	1,564,919,759	72,596,882	156,300,985	92,605,004	237,055,191	125,779,323	168,727,936
1994	1,626,103,519	76,721,394	161,307,831	96,910,606	245,538,727	133,623,670	172,056,194
1995	1,708,556,524	81,427,018	175,108,007	102,276,571	251,881,761	137,906,442	179,216,483
1996	1,784,521,568	90,471,994	187,654,039	110,247,468	257,956,515	141,411,290	182,732,707
1997	1,826,299,531	89,823,340	201,297,952	119,232,780	261,570,895	138,213,932	187,078,098
1998	1,828,362,684	86,409,355	211,709,531	128,829,274	264,638,988	132,101,687	186,516,906
1999	1,884,793,532	89,893,815	228,884,918	137,011,301	270,795,787	135,016,092	191,829,275
2000	1,954,891,602	93,857,401	250,233,140	152,742,390	265,931,182	138,340,609	196,978,088
2001	1,991,751,339	94,750,603	253,519,404	158,094,817	273,039,954	140,249,627	202,639,618
2002	1,964,179,173	91,576,092	245,327,867	157,024,405	270,882,185	138,662,649	203,766,128
2003	2,004,898,544	92,710,299	256,138,144	163,281,647	278,884,758	139,955,210	209,183,141
2004	2,056,610,319	94,124,358	260,886,896	170,963,473	284,483,394	142,585,134	220,457,569
2005	2,094,279,812	94,228,787	266,276,572	176,242,666	293,301,489	144,690,487	227,475,723
2006	2,160,291,286	95,426,359	284,818,613	184,345,665	305,584,139	146,108,856	239,382,683
2007	2,194,917,288	95,753,468	290,500,055	192,127,167	312,457,740	146,488,617	247,865,361
2008	2,203,242,019	95,379,170	295,785,511	196,503,733	317,945,376	145,296,176	250,898,405
2009	2,110,707,987	94,409,956	278,334,423	186,892,954	311,333,565	143,403,839	236,711,860
2010	2,209,619,278	95,638,698	300,953,466	200,766,877	328,790,429	145,534,724	248,395,847
2011	2,231,201,828	95,701,103	304,775,610	208,156,534	333,434,278	146,271,783	248,919,128
2012	2,254,044,536	96,547,331	307,075,898	209,759,276	343,465,203	146,540,027	252,545,729
2013	2,295,723,519	97,309,609	314,104,122	212,233,661	358,546,365	149,368,874	257,305,065
2014	2,361,321,222	99,148,068	329,200,261	219,311,958	374,086,539	151,393,237	265,052,222
2015	2,347,637,933	100,295,209	313,049,101	218,059,415	379,280,293	153,009,247	264,102,757
2016	2,391,513,349	101,526,739	317,784,802	223,422,998	389,263,041	159,106,985	266,352,369
2017	2,450,065,906	103,232,492	330,389,491	230,906,410	404,593,014	159,104,766	272,639,464
2018	2,471,638,612	104,077,973	337,422,955	235,211,119	414,010,695	160,329,720	272,515,711

Table 11 Comparison of Water Sold between Branches

– real number –

unit: M<sup>3</sup>

	7th Branch	8th Branch	9th Branch	10th Branch	11th Branch	12th Branch
1974	84,091,837	—	6,509,972	3,137,779	—	—
1975	86,519,053	1,753,082	6,761,288	3,794,354	—	—
1976	98,244,900	9,125,632	7,308,871	4,061,836	5,183,151	—
1977	113,554,221	10,688,631	7,902,582	4,418,551	11,021,683	—
1978	138,472,325	12,332,416	9,306,626	5,059,128	14,068,209	—
1979	157,212,778	13,191,254	10,503,817	5,418,062	15,787,515	—
1980	161,352,574	13,881,262	11,281,154	6,017,665	18,251,406	—
1981	172,232,909	14,615,101	12,274,206	6,568,081	21,484,569	—
1982	181,760,397	15,686,249	13,234,902	7,308,262	25,819,625	—
1983	202,350,247	16,975,965	14,527,466	8,279,134	30,481,328	—
1984	216,310,658	17,970,360	15,531,969	8,853,535	35,120,506	—
1985	229,470,355	19,498,787	16,181,432	9,609,159	40,140,193	—
1986	249,805,795	20,578,972	17,180,241	10,357,099	44,572,204	—
1987	266,494,512	22,342,216	18,164,041	10,988,948	49,437,185	—
1988	291,687,342	24,898,119	19,274,713	11,966,808	54,269,308	25,338,997
1989	307,276,085	26,663,282	20,683,048	12,202,995	57,901,459	159,834,922
1990	326,300,070	28,249,797	22,041,524	12,910,966	62,152,877	172,303,387
1991	344,234,375	30,306,103	22,655,351	13,409,720	65,991,382	178,497,166
1992	355,830,552	32,138,756	22,743,726	13,543,397	68,792,949	178,833,938
1993	375,303,880	34,662,364	24,413,656	14,255,463	74,404,597	188,814,478
1994	389,414,594	37,605,748	25,683,760	14,917,692	76,986,167	195,337,136
1995	417,100,203	38,571,301	26,573,147	15,012,640	80,520,234	202,962,717
1996	438,612,357	40,193,362	26,792,028	15,326,089	82,469,528	210,654,191
1997	451,880,409	39,967,297	27,120,326	15,626,166	84,937,180	209,551,156
1998	450,756,220	37,083,030	26,750,935	14,909,737	84,210,207	204,446,814
1999	454,961,004	37,497,376	27,549,126	14,923,695	86,815,554	209,615,589
2000	470,248,861	38,167,174	27,840,356	15,253,544	89,276,000	216,022,857
2001	475,678,206	38,570,371	27,974,769	15,490,097	91,037,433	220,706,440
2002	475,550,258	38,708,228	27,825,061	15,630,819	89,944,731	209,280,750
2003	475,817,505	39,719,897	28,673,081	15,976,007	90,551,035	214,007,820
2004	488,577,314	39,798,744	28,385,030	16,048,361	91,657,902	218,642,144
2005	492,788,708	40,696,075	28,692,407	15,911,039	92,078,561	221,897,298
2006	497,494,029	42,046,568	29,086,025	15,860,025	93,137,386	227,000,938
2007	498,520,263	43,047,949	28,903,752	16,001,891	93,474,463	229,776,562
2008	493,606,766	42,364,672	27,921,848	15,556,321	93,307,267	228,676,774
2009	461,084,673	42,166,441	27,620,671	15,910,490	92,507,144	220,331,971
2010	482,548,424	43,014,520	28,025,603	16,054,335	93,449,039	226,447,316
2011	483,243,985	43,937,390	28,273,758	15,939,393	94,057,674	228,491,192
2012	483,489,981	44,422,401	27,951,433	15,973,148	95,185,645	231,088,464
2013	485,771,587	45,600,838	28,490,323	16,245,766	96,955,902	233,791,407
2014	492,642,133	46,535,627	29,646,503	16,843,857	99,810,647	237,650,170
2015	487,388,967	48,093,008	30,028,172	17,397,366	101,596,155	235,338,243
2016	488,022,597	49,072,844	29,927,194	18,123,782	104,782,898	244,127,100
2017	501,693,393	50,187,393	29,978,416	18,114,760	107,096,775	242,129,532
2018	493,668,246	50,830,401	30,541,808	18,103,949	110,432,024	244,494,011

Table 11 Comparison of Water Sold between Branches

– Percentage –

unit : %

	Total	1st Branch	2nd Branch	3rd Branch	4th Branch	5th Branch	6th Branch	7th Branch	8th Branch	9th Branch	10th Branch	11th Branch	12th Branch
1974	100	7.58	11.20	7.11	11.69	—	11.86	29.10	—	2.25	1.09	—	—
1975	100	8.42	11.60	6.72	17.36	8.32	12.16	28.43	0.58	2.22	1.25	—	—
1976	100	7.36	12.62	6.60	15.50	8.27	12.30	29.61	2.75	2.20	1.22	1.56	—
1977	100	6.67	14.10	6.69	13.60	7.79	12.77	29.52	2.78	2.05	1.15	2.87	—
1978	100	6.01	16.94	6.27	12.83	7.78	12.24	29.30	2.61	1.97	1.07	2.98	—
1979	100	5.62	19.21	6.00	12.19	7.87	12.01	28.85	2.42	1.93	0.99	2.90	—
1980	100	5.53	19.89	5.96	12.35	8.07	12.07	27.66	2.38	1.93	1.03	3.13	—
1981	100	5.26	21.03	5.64	12.50	8.34	11.99	26.72	2.27	1.90	1.02	3.33	—
1982	100	5.15	22.44	5.36	12.47	8.49	12.14	25.30	2.18	1.84	1.02	3.59	—
1983	100	5.30	21.77	5.32	12.48	8.56	12.19	25.52	2.14	1.83	1.04	3.84	—
1984	100	5.28	21.42	5.15	12.80	8.50	12.08	25.60	2.13	1.84	1.05	4.16	—
1985	100	5.21	20.76	5.30	13.14	8.51	12.31	25.34	2.15	1.79	1.06	4.43	—
1986	100	5.01	20.96	5.28	13.25	8.28	12.41	25.39	2.09	1.75	1.05	4.53	—
1987	100	4.99	21.62	5.28	13.35	8.17	12.08	25.03	2.10	1.71	1.03	4.64	—
1988	100	4.85	19.87	5.28	13.74	8.01	11.66	24.97	2.13	1.65	1.02	4.65	2.17
1989	100	4.75	9.71	5.49	14.00	7.90	11.46	24.54	2.13	1.65	0.97	4.63	12.77
1990	100	4.83	9.58	5.62	14.22	7.84	11.27	24.38	2.11	1.65	0.96	4.64	12.88
1991	100	4.82	9.81	5.65	14.65	7.93	11.08	24.20	2.13	1.59	0.94	4.64	12.55
1992	100	4.80	9.84	5.81	14.85	7.94	10.97	24.25	2.19	1.55	0.92	4.69	12.19
1993	100	4.64	9.99	5.92	15.15	8.04	10.78	23.98	2.21	1.56	0.91	4.75	12.07
1994	100	4.72	9.92	5.96	15.10	8.22	10.58	23.95	2.31	1.58	0.92	4.73	12.01
1995	100	4.77	10.25	5.99	14.74	8.07	10.49	24.41	2.26	1.56	0.88	4.71	11.88
1996	100	5.07	10.52	6.18	14.46	7.92	10.24	24.58	2.25	1.50	0.86	4.62	11.80
1997	100	4.92	11.02	6.53	14.32	7.57	10.24	24.74	2.19	1.48	0.86	4.65	11.47
1998	100	4.73	11.58	7.05	14.47	7.23	10.20	24.65	2.03	1.46	0.82	4.61	11.18
1999	100	4.77	12.14	7.27	14.37	7.16	10.18	24.14	1.99	1.46	0.79	4.61	11.12
2000	100	4.80	12.80	7.81	13.60	7.08	10.08	24.05	1.95	1.42	0.78	4.57	11.05
2001	100	4.76	12.73	7.94	13.71	7.04	10.17	23.88	1.94	1.40	0.78	4.57	11.08
2002	100	4.66	12.49	7.99	13.79	7.06	10.37	24.21	1.97	1.42	0.80	4.58	10.65
2003	100	4.62	12.78	8.14	13.91	6.98	10.43	23.73	1.98	1.43	0.80	4.52	10.67
2004	100	4.58	12.69	8.31	13.83	6.93	10.72	23.76	1.94	1.38	0.78	4.46	10.63
2005	100	4.50	12.71	8.42	14.00	6.91	10.86	23.53	1.94	1.37	0.76	4.40	10.60
2006	100	4.42	13.18	8.53	14.15	6.76	11.08	23.03	1.95	1.35	0.73	4.31	10.51
2007	100	4.36	13.24	8.75	14.24	6.67	11.29	22.71	1.96	1.32	0.73	4.26	10.47
2008	100	4.33	13.43	8.92	14.43	6.59	11.39	22.40	1.92	1.27	0.71	4.23	10.38
2009	100	4.47	13.19	8.85	14.75	6.79	11.21	21.85	2.00	1.31	0.75	4.38	10.44
2010	100	4.33	13.62	9.09	14.88	6.59	11.24	21.84	1.95	1.27	0.73	4.23	10.25
2011	100	4.29	13.66	9.33	14.94	6.56	11.16	21.66	1.97	1.27	0.71	4.22	10.24
2012	100	4.28	13.62	9.31	15.24	6.50	11.20	21.45	1.97	1.24	0.71	4.22	10.25
2013	100	4.24	13.68	9.24	15.62	6.51	11.21	21.16	1.99	1.24	0.71	4.22	10.18
2014	100	4.20	13.94	9.29	15.84	6.41	11.22	20.86	1.97	1.26	0.71	4.23	10.06
2015	100	4.27	13.33	9.29	16.16	6.52	11.25	20.76	2.05	1.28	0.74	4.33	10.02
2016	100	4.25	13.29	9.34	16.28	6.65	11.14	20.41	2.05	1.25	0.76	4.38	10.21
2017	100	4.21	13.48	9.42	16.51	6.49	11.13	20.48	2.05	1.22	0.74	4.37	9.88
2018	100	4.21	13.65	9.52	16.75	6.49	11.03	19.97	2.06	1.24	0.73	4.47	9.89

Table 11 Comparison of Water Sold between Branches

	— Link Index —												unit : %
	Total	1st Branch	2nd Branch	3rd Branch	4th Branch	5th Branch	6th Branch	7th Branch	8th Branch	9th Branch	10th Branch	11th Branch	12th Branch
1974	—	—	—	—	—	—	—	—	—	—	—	—	—
1975	105.31	117.04	109.03	99.51	156.41	—	107.96	102.89	—	103.86	120.92	—	—
1976	109.03	95.32	118.61	106.99	97.37	108.48	110.36	113.55	520.55	108.10	107.05	—	—
1977	115.91	105.07	129.53	117.57	101.73	109.19	120.28	115.58	117.13	108.12	108.78	212.64	—
1978	122.87	110.71	147.58	115.20	115.89	122.62	117.80	121.94	115.38	117.77	114.50	127.64	—
1979	115.31	107.89	130.80	110.38	109.57	116.71	113.10	113.53	106.96	112.86	107.09	112.22	—
1980	107.04	105.30	110.83	106.20	108.43	109.68	107.59	102.63	105.23	107.40	111.07	115.61	—
1981	110.49	105.00	116.81	104.61	111.82	114.29	109.76	106.74	105.29	108.80	109.15	117.71	—
1982	111.47	109.26	118.97	105.98	111.26	113.49	112.88	105.53	107.33	107.83	111.27	120.18	—
1983	110.37	113.53	107.04	109.55	110.42	111.18	110.86	111.33	108.22	109.77	113.28	118.05	—
1984	106.55	106.12	104.84	103.05	109.27	105.89	105.53	106.90	105.86	106.91	106.94	115.22	—
1985	107.20	105.82	103.88	110.40	110.02	107.31	109.27	106.08	108.51	104.18	108.53	114.29	—
1986	108.61	104.30	109.68	108.14	109.55	105.68	109.43	108.86	105.54	106.17	107.78	111.04	—
1987	108.25	107.93	111.67	108.23	109.09	106.82	105.39	106.68	108.57	105.73	106.10	110.91	—
1988	109.71	106.69	100.82	109.86	112.89	107.47	105.93	109.45	111.44	106.11	108.90	109.77	—
1989	107.16	104.84	52.38	111.29	109.22	105.73	105.29	105.34	107.09	107.31	101.97	106.69	630.79
1990	106.90	108.82	105.46	109.56	108.57	106.16	105.13	106.19	105.95	106.57	105.80	107.34	107.80
1991	106.30	106.03	108.83	106.85	109.50	107.46	104.53	105.50	107.28	102.78	103.86	106.18	103.59
1992	103.15	102.74	103.46	105.98	104.52	103.23	102.15	103.37	106.05	100.39	101.00	104.25	100.19
1993	106.66	103.03	108.25	108.65	108.82	108.02	104.80	105.47	107.85	107.34	105.26	108.16	105.58
1994	103.91	105.68	103.20	104.65	103.58	106.24	101.97	103.76	108.49	105.20	104.65	103.47	103.45
1995	105.07	106.13	108.56	105.54	102.58	103.21	104.16	107.11	102.57	103.46	100.64	104.59	103.90
1996	104.45	111.11	107.16	107.79	102.41	102.54	101.96	105.16	104.21	100.82	102.09	102.42	103.79
1997	102.34	99.28	107.27	108.15	101.40	97.74	102.38	103.03	99.44	101.23	101.96	102.99	99.48
1998	100.11	96.20	105.17	108.05	101.17	95.58	99.70	99.75	92.78	98.64	95.42	99.14	97.56
1999	103.09	104.03	108.11	106.35	102.33	102.21	102.85	100.93	101.12	102.98	100.09	103.09	102.53
2000	103.72	104.41	109.33	111.48	98.20	102.46	102.68	103.36	101.79	101.06	102.21	102.83	103.06
2001	101.89	100.95	101.31	103.50	102.67	101.38	102.87	101.15	101.06	100.48	101.55	101.97	102.17
2002	98.62	96.65	96.77	99.32	99.21	98.87	100.56	99.97	100.36	99.46	100.91	98.80	94.82
2003	102.07	101.24	104.41	103.98	102.95	100.93	102.66	100.06	102.61	103.05	102.21	100.67	102.26
2004	102.58	101.53	101.85	104.70	102.01	101.88	105.39	102.68	100.20	99.00	100.45	101.22	102.17
2005	101.83	100.11	102.07	103.09	103.10	101.48	103.18	100.86	102.25	101.08	99.14	100.46	101.49
2006	103.15	101.27	106.96	104.60	104.19	100.98	105.23	100.95	103.32	101.37	99.68	101.15	102.30
2007	101.60	100.34	101.99	104.22	102.25	100.26	103.54	100.21	102.38	99.37	100.89	100.36	101.22
2008	100.38	99.61	101.82	102.28	101.76	99.19	101.22	99.01	98.41	96.60	97.22	99.82	99.52
2009	95.80	98.98	94.10	95.11	97.92	98.70	94.35	93.41	99.53	98.92	102.28	99.14	96.35
2010	104.69	101.30	108.13	107.42	105.61	101.49	104.94	104.66	102.01	101.47	100.90	101.02	102.78
2011	100.98	100.07	101.27	103.68	101.41	100.51	100.21	100.14	102.15	100.89	99.28	100.65	100.90
2012	101.02	100.88	100.75	100.77	103.01	100.18	101.46	100.05	101.10	98.86	100.21	101.20	101.14
2013	101.85	100.79	102.29	101.18	104.39	101.93	101.88	100.47	102.65	101.93	101.71	101.86	101.17
2014	102.86	101.89	104.81	103.34	104.33	101.36	103.01	101.41	102.05	104.06	103.68	102.94	101.65
2015	99.42	101.16	95.09	99.43	101.39	101.07	99.64	98.93	103.35	101.29	103.29	101.79	99.03
2016	101.87	101.23	101.51	102.46	102.63	103.99	100.85	100.13	102.04	99.66	104.18	103.14	103.73
2017	102.45	101.68	103.97	103.35	103.94	100.00	102.36	102.80	102.27	100.17	99.95	102.21	99.18
2018	100.88	100.82	102.13	101.86	102.33	100.77	99.95	98.40	101.28	101.88	99.94	103.11	100.98

Table 12 Percentage of Actual meter Readings  
and Percentage of Water Sold

	Distributed Water (M <sup>3</sup> )	Actual Meter-Readings (M <sup>3</sup> )	Percentage of Actual meter Readings (%)	Water Sold (M <sup>3</sup> )	Percentage of Water Sold (%)
1974	423,384,502	...	...	289,012,366	68.26
1975	456,733,547	...	...	304,351,457	66.64
1976	486,641,970	325,943,007	66.98	331,830,538	68.19
1977	551,052,131	366,487,228	66.51	384,630,881	69.80
1978	651,925,230	447,447,054	68.63	472,585,950	72.49
1979	727,644,563	508,369,477	69.87	544,957,993	74.89
1980	782,900,812	538,833,841	68.83	583,341,611	74.51
1981	853,480,779	584,738,935	68.51	644,563,139	75.52
1982	942,414,123	644,062,391	68.34	718,505,308	76.24
1983	1,031,206,336	712,132,591	69.06	792,986,589	76.90
1984	1,083,904,966	756,904,884	69.83	844,893,420	77.95
1985	1,176,534,442	814,598,239	69.24	905,694,148	76.98
1986	1,243,916,916	889,288,257	71.49	983,685,515	79.08
1987	1,347,399,718	969,003,431	71.92	1,064,838,159	79.03
1988	1,483,392,954	1,069,925,699	72.13	1,168,275,356	78.76
1989	1,605,463,323	1,144,641,106	71.30	1,251,920,914	77.98
1990	1,705,602,227	1,219,087,155	71.48	1,338,244,514	78.46
1991	1,817,857,010	1,306,615,916	71.88	1,422,513,799	78.25
1992	1,952,799,874	1,360,225,970	69.66	1,467,258,226	75.14
1993	2,056,485,560	1,444,119,693	70.22	1,564,919,759	76.10
1994	2,126,372,015	1,500,611,441	70.57	1,626,103,519	76.47
1995	2,139,027,452	1,590,143,685	74.34	1,708,556,524	79.88
1996	2,195,113,081	1,634,195,636	74.45	1,784,521,568	81.30
1997	2,293,765,435	1,738,590,335	75.80	1,826,299,531	79.62
1998	2,378,114,042	1,820,371,639	76.55	1,828,362,684	76.88
1999	2,494,432,792	1,877,391,601	75.26	1,884,793,532	75.56
2000	2,845,438,541	1,946,879,600	68.42	1,954,891,602	68.70
2001	2,931,265,573	1,980,953,513	67.58	1,991,751,339	67.95
2002	2,880,050,003	1,955,505,389	67.90	1,964,179,173	68.20
2003	2,959,327,403	2,000,069,396	67.59	2,004,898,544	67.75
2004	2,981,172,447	2,054,880,445	68.93	2,056,610,319	68.99
2005	3,047,219,999	2,093,351,103	68.70	2,094,279,812	68.73
2006	3,115,321,070	2,159,559,945	69.32	2,160,291,286	69.34
2007	3,149,709,952	2,194,321,839	69.67	2,194,917,288	69.69
2008	3,101,414,351	2,201,884,484	71.00	2,203,242,019	71.04
2009	3,032,267,573	2,109,339,085	69.56	2,110,707,987	69.61
2010	3,095,423,908	2,208,504,780	71.35	2,209,619,278	71.38
2011	3,111,306,169	2,230,043,316	71.68	2,231,201,828	71.71
2012	3,115,357,317	2,253,258,528	72.33	2,254,044,536	72.35
2013	3,128,966,961	2,295,170,117	73.35	2,295,723,519	73.37
2014	3,196,882,307	2,360,909,622	73.85	2,361,321,222	73.86
2015	3,118,910,636	2,347,259,415	75.26	2,347,637,933	75.27
2016	3,157,492,464	2,391,201,401	75.73	2,391,513,349	75.74
2017	3,206,568,147	2,449,680,081	76.40	2,450,065,906	76.41
2018	3,215,462,426	2,470,739,684	76.84	2,471,638,612	76.87
1st Branch	157,801,819	104,055,198	65.94	104,077,973	65.95
Keelung System	117,362,913	72,218,663	61.53	72,241,438	61.55
Pinglin System	5,089,108	4,103,493	80.63	4,103,493	80.63
Danshuei System	33,207,892	25,994,563	78.28	25,994,563	78.28
Jinshan System	1,896,026	1,613,042	85.07	1,613,042	85.07

**Table 12 Percentage of Actual meter Readings  
and Percentage of Water Sold**

		Distributed Water (M <sup>3</sup> )	Actual Meter-Readings (M <sup>3</sup> )	Percentage of Actual meter Readings (%)	Water Sold (M <sup>3</sup> )	Percentage of Water Sold (%)
Wulai	System	245,880	125,437	51.02	125,437	51.02
	<b>2nd Branch</b>	<b>438,083,698</b>	<b>337,420,390</b>	<b>77.02</b>	<b>337,422,955</b>	<b>77.62</b>
Shihmen	System	437,732,991	337,127,858	77.02	337,130,423	77.02
Fusing	System	350,707	292,532	83.41	292,532	83.41
	<b>3rd Branch</b>	<b>292,549,091</b>	<b>235,211,119</b>	<b>80.40</b>	<b>235,211,119</b>	<b>80.54</b>
Hsinchu	System	194,673,492	155,479,814	79.87	155,479,814	79.87
Jhudong	System	11,304,280	8,627,853	76.32	8,627,853	76.32
Jianshih	System	186,116	55,418	29.78	55,418	29.78
Meihua	System	25,537	4,092	16.02	4,092	16.02
Beipu	System	1,309,418	965,927	73.77	965,927	73.77
Wufong	System	257,445	65,546	25.46	65,546	25.46
Neiwan	System	166,037	116,072	69.91	116,072	69.91
Sinpu	System	2,832,224	2,325,544	82.11	2,325,544	82.11
Miaoli	System	19,063,173	12,896,692	67.65	12,896,692	67.65
Dahu	System	1,500,153	945,240	63.01	945,240	63.01
JhunanToufen	System	43,069,798	39,819,697	92.45	39,819,697	92.45
Liyutan	System	12,634,986	9,877,391	78.17	9,877,391	78.17
Nanjhuang	System	1,859,828	1,101,805	59.24	1,101,805	59.24
Cyonglin	System	1,834,519	1,405,539	76.62	1,405,539	76.62
Guan W.	System	1,832,085	1,524,489	83.21	1,524,489	83.21
	<b>4th Branch</b>	<b>578,834,380</b>	<b>414,010,695</b>	<b>71.52</b>	<b>414,010,695</b>	<b>73.75</b>
Taichung	System	483,839,990	347,743,995	71.87	347,743,995	71.87
Sinshe	System	2,006,495	1,592,474	79.37	1,592,474	79.37
Guguan	System	3,681	3,545	① 96.31	3,545	① 96.31
Wufong	System	7,051,734	5,187,956	73.57	5,187,956	73.57
Dongshih	System	6,483,356	4,427,679	68.29	4,427,679	68.29
Jhuolan	System	1,504,696	1,219,183	81.03	1,219,183	81.03
Lishan	System	219,139	178,644	81.52	178,644	81.52
Puli	System	8,827,561	6,198,162	70.21	6,198,162	70.21
大坪頂	System	161,865	135,289	83.58	135,289	83.58
Wushe	System	308,266	130,168	42.23	130,168	42.23
Rihyuetan	System	1,475,824	1,280,692	86.78	1,280,692	86.78
Dehua	System	140,873	128,341	91.10	128,341	91.10
Dadu	System	3,276,360	2,258,355	68.93	2,258,355	68.93
Nantou	System	21,313,567	15,217,051	71.40	15,217,051	71.40
Shueili	System	7,659,981	5,851,477	76.39	5,851,477	76.39
Sinyi	System	206,593	147,782	71.53	147,782	71.53
Dajia	System	9,262,608	6,456,129	69.70	6,456,129	69.70
Waipu	System	3,618,160	2,443,256	67.53	2,443,256	67.53
Caotun	System	17,795,807	11,759,298	66.08	11,759,298	66.08
Pingding	System	20,249	18,284	90.30	18,284	90.30
Lugu	System	1,645,602	860,266	52.28	860,266	52.28
Dili	System	35,867	22,599	63.01	22,599	63.01
Renlun	System	43,048	31,514	73.21	31,514	73.21
Luonuo	System	118,255	78,699	66.55	78,699	66.55
Guosing	System	1,814,803	639,857	35.26	639,857	35.26

**Table 12 Percentage of Actual meter Readings  
and Percentage of Water Sold**

		Distributed Water (M <sup>3</sup> )	Actual Meter-Readings (M <sup>3</sup> )	Percentage of Actual meter Readings (%)	Water Sold (M <sup>3</sup> )	Percentage of Water Sold (%)
<b>5th Branch</b>		<b>205,374,582</b>	<b>160,321,425</b>	<b>78.06</b>	<b>160,329,720</b>	<b>79.01</b>
Chiayi	System	109,620,150	85,271,435	77.79	85,271,435	77.79
Dabang	System	26,603	17,223	64.74	17,223	64.74
Dapu	System	252,907	159,744	63.16	159,744	63.16
Yunlin	System	94,953,694	74,507,835	78.47	74,516,130	78.48
Alishan	System	236,625	217,998	92.13	217,998	92.13
Leye	System	284,603	147,190	51.72	147,190	51.72
<b>6th Branch</b>		<b>331,894,500</b>	<b>272,515,711</b>	<b>82.11</b>	<b>272,515,711</b>	<b>82.45</b>
Tainan	System	328,932,831	270,164,436	82.13	270,164,436	82.13
NansiYujing	System	2,961,669	2,351,275	79.39	2,351,275	79.39
<b>7th Branch</b>		<b>628,505,931</b>	<b>493,668,068</b>	<b>78.55</b>	<b>493,668,246</b>	<b>78.79</b>
Kaohsiung	System	540,751,841	434,703,729	80.39	434,703,907	80.39
Cishan	System	6,751,434	4,820,547	71.40	4,820,547	71.40
Maolin	System	105,402	62,734	59.52	62,734	59.52
Meinong	System	3,337,434	1,957,414	58.65	1,957,414	58.65
Guangsing	System	224,845	151,020	67.17	151,020	67.17
Jiasian	System	506,278	329,865	65.15	329,865	65.15
Liouguei	System	670,298	393,076	58.64	393,076	58.64
Sinwei	System	268,328	196,699	73.31	196,699	73.31
Jibei	System	113,700	89,782	78.96	89,782	78.96
Dongyuan	System	127,630	55,068	43.15	55,068	43.15
Pingtung	System	24,773,222	17,159,022	69.26	17,159,022	69.26
Siangtan	System	496,539	211,267	42.55	211,267	42.55
Gaoshu	System	2,654,264	1,644,980	61.97	1,644,980	61.97
Gaoshih	System	17,076	14,438	84.55	14,438	84.55
Sandi	System	1,668,804	841,402	50.42	841,402	50.42
Muzih	System	277,714	205,074	73.84	205,074	73.84
Nanhe	System	840,233	227,479	27.07	227,479	27.07
Sihchun	System	155,382	75,295	48.46	75,295	48.46
Singuo	System	40,604	27,445	67.59	27,445	67.59
Magong	System	9,152,880	6,703,012	73.23	6,703,012	73.23
Lun E.	System	775,724	57,726	7.44	57,726	7.44
Majia	System	2,450	1,998	81.55	1,998	81.55
Minsheng	System	64,461	21,033	32.63	21,033	32.63
Baolai	System	339,359	204,449	60.25	204,449	60.25
Jiasing	System	7,418	4,100	55.27	4,100	55.27
Wutan	System	585,446	238,074	40.67	238,074	40.67
Laiyi	System	433,213	273,121	63.05	273,121	63.05
Beishih	System	812,442	492,626	60.64	492,626	60.64
Wutai	System	28,874	24,137	83.59	24,137	83.59
Mudan	System	30,487,265	20,819,772	68.29	20,819,772	68.29
Duona	System	44,211	37,931	85.80	37,931	85.80
Baisha	System	650,140	532,180	81.86	532,180	81.86
Wang-an	System	201,440	145,690	72.32	145,690	72.32
Siyu	System	844,360	742,793	87.97	742,793	87.97
Cimei	System	295,220	203,090	68.79	203,090	68.79

**Table 12 Percentage of Actual meter Readings  
and Percentage of Water Sold**

		Distributed Water (M <sup>3</sup> )	Actual Meter-Readings (M <sup>3</sup> )	Percentage of Actual meter Readings (%)	Water Sold (M <sup>3</sup> )	Percentage of Water Sold (%)
<b>8th Branch</b>		<b>66,706,563</b>	<b>50,830,401</b>	<b>76.20</b>	<b>50,830,401</b>	<b>76.20</b>
Yilan	System	26,455,745	19,786,510	75	19,786,510	74.79
Luodong	System	38,792,322	30,376,369	78	30,376,369	78.31
Nan-ao	System	882,895	392,638	44.47	392,638	44.47
Songluo	System	187,921	81,778	43.52	81,778	43.52
Yingshih	System	11,643	8,788	75.48	8,788	75.48
Sihji	System	33,064	20,333	61.50	20,333	61.50
Nanshan	System	88,129	37,697	42.77	37,697	42.77
Dongao	System	108,836	48,455	44.52	48,455	44.52
Jinyang	System	15,109	10,230	67.71	10,230	67.71
Aohua	System	130,899	67,603	51.65	67,603	51.65
<b>9th Branch</b>		<b>42,015,370</b>	<b>30,541,808</b>	<b>72.69</b>	<b>30,541,808</b>	<b>72.69</b>
Hualien	System	32,544,711	25,017,020	76.87	25,017,020	76.87
Heping	System	591,491	255,868	43.26	255,868	43.26
Shueilian	System	25,571	22,705	88.79	22,705	88.79
Fonglin	System	3,064,147	1,831,346	59.77	1,831,346	59.77
Fongbin	System	259,320	174,486	67.29	174,486	67.29
Rueisuei	System	1,208,435	771,312	63.83	771,312	63.83
Fuyuan	System	689,005	232,882	33.80	232,882	33.80
Gangkou	System	182,147	118,236	64.91	118,236	64.91
Yuli	System	2,464,167	1,656,812	67.24	1,656,812	67.24
Fuli	System	569,568	316,283	55.53	316,283	55.53
Chihnan	System	348,075	97,433	27.99	97,433	27.99
Songpu	System	68,733	47,425	69.00	47,425	69.00
<b>10th Branch</b>		<b>27,308,174</b>	<b>18,069,073</b>	<b>66.17</b>	<b>18,103,949</b>	<b>66.38</b>
Taitung	System	18,545,020	12,173,209	66	12,173,209	65.64
Chulu	System	354,401	210,078	59	210,078	59.28
Luye	System	1,186,842	732,088	62	766,964	64.62
Chihshang	System	1,091,895	727,718	67	727,718	66.65
Guanshan	System	1,078,276	769,233	71	769,233	71.34
Dawu	System	521,782	329,575	63	329,575	63.16
Jinlun	System	297,284	199,398	67	199,398	67.07
Taimali	System	794,468	611,856	77	611,856	77.01
Siadasi	System	79,772	50,391	63	50,391	63.17
Senyong	System	29,968	20,008	67	20,008	66.76
Anshuo	System	174,917	115,318	66	115,318	65.93
Chenggong	System	2,269,433	1,636,289	72	1,636,289	72.10
Sinhua	System	28,132	21,530	77	21,530	76.53
Aiguopu	System	28,913	21,028	73	21,028	72.73
Lyudao	System	441,731	260,024	59	260,024	58.86
Lanyu	System	307,725	129,462	42	129,462	42.07
Tuban	System	47,756	40,363	85	40,363	84.52
Lidao	System	29,859	21,505	72	21,505	72.02
<b>11th Branch</b>		<b>144,256,552</b>	<b>109,601,785</b>	<b>75.98</b>	<b>110,432,024</b>	<b>76.55</b>

**Table 12 Percentage of Actual meter Readings  
and Percentage of Water Sold**

		Distributed Water (M <sup>3</sup> )	Actual Meter-Readings (M <sup>3</sup> )	Percentage of Actual meter Readings (%)	Water Sold (M <sup>3</sup> )	Percentage of Water Sold (%)
Changhua	System	46,641,940	33,897,306	73	34,493,816	73.95
Huatan	System	8,954,674	6,870,800	77	6,870,800	76.73
Beidou	System	17,964,263	13,839,932	77	13,839,932	77.04
Erlin	System	11,927,872	9,506,837	80	9,706,631	81.38
Lugang	System	16,234,956	12,812,995	79	12,846,930	79.13
Yuanlin	System	15,375,372	11,793,072	77	11,793,072	76.70
Ershuei	System	13,210,987	9,575,257	72	9,575,257	72.48
Sihu	System	13,946,488	11,305,586	81	11,305,586	81.06
<b>12th Branch</b>		<b>302,131,766</b>	<b>244,494,011</b>	<b>80.92</b>	<b>244,494,011</b>	<b>83.65</b>
BanSin	System	302,131,766	244,494,011	81	244,494,011	80.92

Table 13 Water Consumption Charge Revenue

(1) Classified by Consumership

unit : \$1,000

Period & Branch	Total	Livelihood			Industrial	
		Amount	Ordinary	Trade		Military Serviceman & Dependents
1974	441,242	329,323	278,497	27,430	23,396	44,777
1975	954,678	681,757	590,206	48,398	43,153	136,178
1976	1,117,833	774,040	676,588	49,186	48,266	183,318
1977	1,265,354	854,844	754,858	50,395	49,591	237,352
1978	1,552,538	1,040,539	928,621	55,998	55,920	311,699
1979	2,177,190	1,446,761	1,308,658	66,134	71,969	453,733
1980	2,759,421	1,863,421	1,703,232	75,692	84,497	563,793
1981	3,044,027	2,086,981	1,923,720	72,651	90,610	595,687
1982	4,504,856	3,184,924	2,952,395	97,559	134,970	784,920
1983	5,145,039	3,678,289	3,422,008	106,187	150,094	885,055
1984	5,482,239	3,955,072	3,702,728	101,692	150,652	960,081
1985	5,880,382	4,319,297	4,063,378	100,551	155,368	982,902
1986	6,157,516	4,522,027	4,268,244	108,806	144,977	1,046,512
1987	6,658,913	4,867,629	4,588,623	121,020	157,986	1,158,947
1988	7,369,445	5,342,774	5,039,817	125,385	177,572	1,316,982
1989	7,920,325	5,751,196	5,455,720	118,345	177,131	1,397,430
1990	8,477,462	6,203,273	5,904,078	115,713	183,482	1,436,580
1991	9,982,855	7,177,774	6,842,501	124,618	210,655	1,798,371
1992	12,541,971	8,763,384	8,357,132	156,660	249,591	2,479,204
1993	13,634,149	9,662,813	9,015,617	161,206	485,991	2,596,125
1994	14,649,937	10,371,333	9,760,582	170,249	440,502	2,838,775
1995	16,269,355	11,105,960	10,376,537	179,797	549,625	3,530,491
1996	16,717,345	11,534,396	10,944,101	170,810	419,486	3,448,924
1997	18,120,540	12,701,885	12,029,850	184,362	487,673	3,717,543
1998	19,431,666	13,666,922	12,957,961	190,175	518,786	3,875,470
1999	20,086,022	14,157,737	13,468,189	188,833	500,715	4,075,569
2000	20,959,820	14,577,391	13,817,246	188,224	571,921	4,515,494
2001	21,376,684	15,079,905	14,342,632	192,426	544,848	4,405,406
2002	21,082,276	14,855,133	14,144,166	187,694	523,273	4,357,851
2003	21,589,235	15,145,102	14,427,110	206,747	511,245	4,564,764
2004	22,039,862	15,194,134	14,481,109	213,754	499,271	4,997,645
2005	22,557,575	15,543,610	14,845,383	208,971	489,256	5,179,767
2006	23,335,518	15,935,975	15,256,545	233,035	446,394	5,573,535
2007	23,791,970	16,093,672	15,378,619	271,764	443,288	5,847,529

**Table 13 Water Consumption Charge Revenue**

(1) Classified by Consumership

unit : \$1,000

Period & Branch	Total	Livelihood			Military Serviceman & Dependents	Industrial
		Amount	Ordinary	Trade		
2008	23,967,379	16,204,809	15,389,552	323,819	491,438	6,108,014
2009	22,800,208	16,054,736	15,231,906	324,593	498,238	5,252,152
2010	24,060,360	16,276,766	15,367,612	389,523	519,631	6,278,112
2011	24,326,123	16,299,682	15,182,168	592,045	525,469	6,522,069
2012	24,610,556	16,359,556	14,546,718	1,295,924	516,915	6,745,490
2013	25,103,560	16,637,421	14,749,630	1,379,212	508,578	6,943,429
2014	25,885,027	17,015,105	15,104,854	1,407,441	502,809	7,254,914
2015	25,651,249	17,117,401	15,230,599	1,379,398	507,404	7,035,381
2016	26,206,184	17,516,686	15,568,550	1,418,841	529,295	7,125,141
2017	26,923,059	17,819,102	15,819,572	1,461,459	538,071	7,590,106
2018	27,176,825	18,084,377	16,062,147	1,481,487	540,743	7,537,938
1st Branch	1,170,549	1,052,506	981,237	52,735	18,534	38,141
2nd Branch	3,828,567	2,210,831	1,914,411	218,057	78,364	1,403,367
3rd Branch	2,628,356	1,346,204	1,180,830	137,664	27,709	1,153,129
4th Branch	4,466,036	3,158,857	2,814,649	263,471	80,737	1,128,782
5th Branch	1,724,154	1,328,608	1,222,190	69,891	36,526	244,131
6th Branch	2,977,194	1,813,037	1,573,853	183,617	55,567	1,026,722
7th Branch	5,455,053	3,033,160	2,589,910	293,150	150,099	2,064,667
8th Branch	555,382	445,289	401,446	31,668	12,175	58,830
9th Branch	332,402	273,475	235,006	22,846	15,623	9,907
10th Branch	189,811	168,849	148,279	10,947	9,622	273,712
11th Branch	1,156,367	962,929	896,700	50,382	15,847	143,597
12th Branch	2,692,954	2,290,633	2,103,635	147,059	39,939	266,393

## Table 13 Water Consumption Charge Revenue

(1) Classified by Consumership

unit : \$1,000

Period & Branch	Shipping	Organization & Others					Recover Water Consumption Charge	Others
		Amount	Government Agency	Public Facility	Discount			
1974	13,582	53,560	51,913	168	—	1,479		
1975	13,555	123,188	112,250	1,320	6,599	3,019		
1976	22,508	137,967	126,526	1,288	7,330	2,823		
1977	25,439	147,720	135,834	1,421	8,460	2,005		
1978	25,336	174,964	155,408	1,604	10,442	7,510		
1979	26,393	250,303	203,445	1,923	16,177	28,758		
1980	26,989	305,218	239,938	2,394	22,685	40,201		
1981	24,402	336,957	261,289	2,170	27,816	45,682		
1982	23,439	511,573	375,566	2,967	42,486	90,554		
1983	24,166	557,529	419,667	3,091	47,439	87,332		
1984	21,727	545,359	429,971	3,095	49,549	62,744		
1985	21,459	556,724	453,490	3,261	55,319	44,654		
1986	22,945	566,032	457,631	3,289	56,400	48,712		
1987	24,844	607,494	491,026	3,617	59,270	53,581		
1988	25,067	684,620	539,335	3,775	64,885	13,980	62,645	
1989	27,810	743,889	565,221	3,824	67,103	13,999	93,742	
1990	27,215	810,395	594,018	4,073	71,343	19,451	121,510	
1991	28,360	978,350	684,338	4,308	84,591	29,875	175,238	
1992	44,775	1,254,609	842,360	4,989	109,894	39,960	257,406	
1993	42,057	1,333,155	846,937	5,678	112,364	44,302	323,874	
1994	43,779	1,396,049	879,170	5,879	111,076	40,112	359,812	
1995	44,740	1,588,165	1,046,543	6,465	121,784	46,519	366,854	
1996	47,109	1,686,916	1,170,335	6,839	125,299	41,014	343,429	
1997	48,709	1,652,403	1,082,898	7,783	138,266	43,064	380,392	
1998	50,566	1,838,709	1,230,977	9,147	147,670	38,437	412,478	
1999	46,270	1,806,446	1,209,682	9,755	156,736	33,235	397,038	
2000	46,703	1,820,231	1,203,479	10,108	160,990	39,164	406,490	
2001	43,054	1,848,319	1,256,627	10,250	160,944	38,553	381,945	
2002	41,104	1,828,187	1,308,105	9,605	154,383	37,610	318,485	
2003	38,205	1,841,164	1,309,532	9,437	154,845	38,067	329,284	
2004	38,461	1,809,622	1,307,362	9,917	156,903	34,875	300,565	
2005	38,669	1,795,529	1,259,519	10,060	160,258	37,448	328,246	
2006	36,960	1,789,048	1,281,765	11,479	161,966	34,564	299,274	
2007	32,176	1,818,594	1,294,805	12,216	160,671	34,825	316,078	

## Table 13 Water Consumption Charge Revenue

(1) Classified by Consumership

unit : \$1,000

Period & Branch	Shipping	Organization & Others					
		Amount	Government Agency	Public Facility	Discount	Recover Water Consumption Charge	Others
<b>2008</b>	<b>31,353</b>	<b>1,623,202</b>	<b>1,128,383</b>	<b>13,227</b>	<b>167,264</b>	<b>31,905</b>	<b>282,424</b>
2009	29,498	1,463,821	1,004,872	14,378	160,654	31,636	252,281
2010	29,733	1,475,750	1,013,116	14,504	157,221	25,604	265,304
2011	32,743	1,471,629	1,004,547	14,230	154,402	24,664	273,787
2012	28,879	1,476,630	1,018,446	13,353	151,510	21,851	271,471
2013	27,630	1,495,080	1,004,081	13,399	142,384	22,488	312,728
2014	26,360	1,588,648	1,026,201	12,591	144,123	23,606	382,127
2015	24,869	1,473,598	937,852	10,505	132,014	25,225	368,002
2016	26,842	1,537,515	947,400	9,855	130,823	25,832	423,604
2017	27,950	1,485,901	954,063	10,023	130,480	26,070	365,265
2018	28,661	1,525,849	981,221	11,275	128,765	23,770	380,818
1st Branch	815	79,088	55,094	236	6,239	380	17,138
2nd Branch	—	214,368	141,287	736	12,772	3,958	55,616
3rd Branch	—	129,024	90,313	613	13,173	843	24,082
4th Branch	4,976	173,422	86,026	4,511	19,579	3,841	59,464
5th Branch	4,205	147,210	88,396	1,155	11,853	3,047	42,760
6th Branch	—	137,435	78,273	899	12,095	830	45,339
7th Branch	12,903	344,323	256,763	2,037	23,102	3,630	58,791
8th Branch	5,762	45,502	36,681	15	4,542	753	3,510
9th Branch	—	49,020	39,776	273	3,087	1,249	4,635
10th Branch	0	20,689	14,112	11	2,645	417	3,503
11th Branch	—	49,841	17,269	121	6,840	2,654	22,957
12th Branch	—	135,929	77,231	668	12,838	2,167	43,024

## Table 13 Water Consumption Charge Revenue

(1) Classified by Consumership

-Percentage-

unit : %

Period & Branch	Total	Livelihood				Industrial	Shipping	Organization & Others					
		Amount	Ordinary	Trade	Military Serviceman & Dependents			Amount	Government Agency	Public Facility	Discount	Recover Water Consumption Charge	Others
1974	100	74.64	63.12	6.22	5.30	10.15	3.08	12.14	11.77	0.04	0.00	0.33	
1975	100	71.41	61.82	5.07	4.52	14.26	1.42	12.90	11.76	0.14	0.69	0.32	
1976	100	69.24	60.53	4.40	4.32	16.40	2.01	12.34	11.32	0.12	0.66	0.24	
1977	100	67.56	59.66	3.98	3.92	18.76	2.01	11.67	10.73	0.11	0.67	0.15	
1978	100	67.02	59.81	3.61	3.60	20.08	1.63	11.27	10.01	0.10	0.67	0.49	
1979	100	66.45	60.11	3.04	3.31	20.84	1.21	11.50	9.34	0.09	0.74	1.32	
1980	100	67.53	61.72	2.74	3.06	20.43	0.98	11.06	8.70	0.09	0.82	1.46	
1981	100	68.56	63.20	2.39	2.98	19.57	0.80	11.07	8.58	0.07	0.91	1.50	
1982	100	70.70	65.54	2.17	3.00	17.42	0.52	11.36	8.34	0.07	0.94	2.01	
1983	100	71.49	66.51	2.06	2.92	17.20	0.47	10.84	8.16	0.06	0.92	1.70	
1984	100	72.14	67.54	1.85	2.75	17.51	0.40	9.95	7.84	0.06	0.90	1.14	
1985	100	73.45	69.10	1.71	2.64	16.71	0.36	9.47	7.71	0.06	0.94	0.76	
1986	100	73.44	69.32	1.77	2.35	17.00	0.37	9.19	7.43	0.05	0.92	0.79	
1987	100	73.10	68.91	1.82	2.37	17.40	0.37	9.12	7.37	0.05	0.89	0.80	
1988	100	72.50	68.39	1.70	2.41	17.87	0.34	9.29	7.32	0.05	0.88	0.19	0.85
1989	100	72.61	68.88	1.49	2.24	17.64	0.35	9.39	7.14	0.05	0.85	0.18	1.18
1990	100	73.17	69.64	1.36	2.16	16.95	0.32	9.56	7.01	0.05	0.84	0.23	1.43
1991	100	71.90	68.54	1.25	2.11	18.01	0.28	9.80	6.86	0.04	0.85	0.30	1.76
1992	100	69.87	66.63	1.25	1.99	19.77	0.36	10.00	6.72	0.04	0.88	0.32	2.05
1993	100	70.87	66.13	1.18	3.56	19.04	0.31	9.78	6.21	0.04	0.82	0.32	2.38
1994	100	70.79	66.63	1.16	3.01	19.38	0.30	9.53	6.00	0.04	0.76	0.27	2.46
1995	100	68.26	63.78	1.11	3.38	21.70	0.27	9.76	6.43	0.04	0.75	0.29	2.25
1996	100	69.00	65.47	1.02	2.51	20.63	0.28	10.09	7.00	0.04	0.75	0.25	2.05
1997	100	70.10	66.39	1.02	2.69	20.52	0.27	9.12	5.98	0.04	0.76	0.24	2.10
1998	100	70.33	66.68	0.98	2.67	19.94	0.26	9.46	6.33	0.05	0.76	0.20	2.12
1999	100	70.49	67.05	0.94	2.49	20.29	0.23	8.99	6.02	0.05	0.78	0.17	1.98
2000	100	69.55	65.92	0.90	2.73	21.54	0.22	8.68	5.74	0.05	0.77	0.19	1.94
2001	100	70.54	67.09	0.90	2.55	20.61	0.20	8.65	5.88	0.05	0.75	0.18	1.79
2002	100	70.46	67.09	0.89	2.48	20.67	0.19	8.67	6.20	0.05	0.73	0.18	1.51
2003	100	70.15	66.83	0.96	2.37	21.14	0.18	8.53	6.07	0.04	0.72	0.18	1.53
2004	100	68.94	65.70	0.97	2.27	22.68	0.17	8.21	5.93	0.04	0.71	0.16	1.36
2005	100	68.91	65.81	0.93	2.17	22.96	0.17	7.96	5.58	0.04	0.71	0.17	1.46
2006	100	68.29	65.38	1.00	1.91	23.88	0.16	7.67	5.49	0.05	0.69	0.15	1.28
2007	100	67.64	64.64	1.14	1.86	24.58	0.14	7.64	5.44	0.05	0.68	0.15	1.33

## Table 13 Water Consumption Charge Revenue

(1) Classified by Consumership

-Percentage-

unit : %

Period & Branch	Total	Livelihood				Industrial	Shipping	Organization & Others					
		Amount	Ordinary	Trade	Military Serviceman & Dependents			Amount	Government Agency	Public Facility	Discount	Recover Water Consumption Charge	Others
2008	100	67.61	64.21	1.35	2.05	25.48	0.13	6.77	4.71	0.06	0.70	0.13	1.18
2009	100	70.41	66.81	1.42	2.19	23.04	0.13	6.42	4.41	0.06	0.70	0.14	1.11
2010	100	67.65	63.87	1.62	2.16	26.09	0.12	6.13	4.21	0.06	0.65	0.11	1.10
2011	100	67.00	62.41	2.43	2.16	26.81	0.13	6.05	4.13	0.06	0.63	0.10	1.13
2012	100	66.47	59.11	5.27	2.10	27.41	0.12	6.00	4.14	0.05	0.62	0.09	1.10
2013	100	66.28	58.76	5.49	2.03	27.66	0.11	5.96	4.00	0.05	0.57	0.09	1.25
2014	100	65.73	58.35	5.44	1.94	28.03	0.10	6.14	3.96	0.05	0.56	0.09	1.48
2015	100	66.73	59.38	5.38	1.98	27.43	0.10	5.74	3.66	0.04	0.51	0.10	1.43
2016	100	66.84	59.41	5.41	2.02	27.19	0.10	5.87	3.62	0.04	0.50	0.10	1.62
2017	100	66.19	58.76	5.43	2.00	28.19	0.10	5.52	3.54	0.04	0.48	0.10	1.36
2018	100	66.54	59.10	5.45	1.99	27.74	0.11	5.61	3.61	0.04	0.47	0.09	1.40
1st Branch	100	89.92	83.83	4.51	1.58	3.26	0.07	6.76	4.71	0.02	0.53	0.03	1.46
2nd Branch	100	57.75	50.00	5.70	2.05	36.66	—	5.60	3.69	0.02	0.33	0.10	1.45
3rd Branch	100	51.22	44.93	5.24	1.05	43.87	—	4.91	3.44	0.02	0.50	0.03	0.92
4th Branch	100	70.73	63.02	5.90	1.81	25.27	0.11	3.88	1.93	0.10	0.44	0.09	1.33
5th Branch	100	77.06	70.89	4.05	2.12	14.16	0.24	8.54	5.13	0.07	0.69	0.18	2.48
6th Branch	100	60.90	52.86	6.17	1.87	34.49	—	4.62	2.63	0.03	0.41	0.03	1.52
7th Branch	100	55.60	47.48	5.37	2.75	37.85	0.24	6.31	4.71	0.04	0.42	0.07	1.08
8th Branch	100	80.18	72.28	5.70	2.19	10.59	1.04	8.19	6.60	0.00	0.82	0.14	0.63
9th Branch	100	82.27	70.70	6.87	4.70	2.98	—	14.75	11.97	0.08	0.93	0.38	1.39
10th Branch	100	88.96	78.12	5.77	5.07	0.14	—	10.90	7.43	0.01	1.39	0.22	1.85
11th Branch	100	83.27	77.54	4.36	1.37	12.42	—	4.31	1.49	0.01	0.59	0.23	1.99
12th Branch	100	85.06	78.12	5.46	1.48	9.89	—	5.05	2.87	0.02	0.48	0.08	1.60

Table 13 Water Consumption Charge Revenue

(2) Classified by the Month

Period & Branch	- real number-							unit : \$1,000
	Total	Jan.	Feb.	Mar.	Apr.	May	June	
1974	441,242	30,273	30,424	26,472	30,897	33,169	34,643	
1975	954,678	68,201	68,786	69,333	67,616	75,824	79,212	
1976	1,117,833	78,325	75,016	80,578	80,859	88,283	95,668	
1977	1,265,354	83,976	92,825	90,803	96,346	105,973	107,573	
1978	1,552,538	109,988	108,854	114,587	108,963	121,105	124,844	
1979	2,177,190	138,902	128,649	139,014	131,530	143,377	145,010	
1980	2,759,421	213,445	201,795	203,604	204,599	219,159	223,735	
1981	3,044,027	237,397	226,723	234,909	225,413	244,926	244,924	
1982	4,504,856	283,974	293,229	344,631	347,490	366,612	377,722	
1983	5,145,039	392,317	384,623	378,457	372,840	399,489	426,933	
1984	5,482,239	420,244	411,325	419,052	421,418	426,061	443,958	
1985	5,880,382	460,182	451,503	441,908	447,453	463,244	487,963	
1986	6,157,516	498,381	474,597	481,305	449,608	479,190	496,382	
1987	6,658,913	515,884	492,907	509,915	504,541	523,344	544,636	
1988	7,369,445	576,449	553,055	539,892	577,651	595,863	602,702	
1989	7,920,325	616,718	612,730	611,894	594,082	614,320	635,080	
1990	8,477,462	672,834	667,623	654,930	639,182	668,566	683,936	
1991	9,982,855	730,544	701,474	700,428	690,298	719,967	754,642	
1992	12,541,971	1,004,417	959,870	956,161	997,955	974,739	1,023,082	
1993	13,634,149	1,047,967	1,064,366	1,038,656	1,014,621	1,052,273	1,352,593	
1994	14,649,937	1,103,002	1,114,021	1,277,434	1,099,716	1,071,391	1,182,630	
1995	16,269,355	1,281,852	1,485,205	1,247,868	1,212,929	1,257,558	1,320,384	
1996	16,717,345	1,304,505	1,305,407	1,293,883	1,294,568	1,358,928	1,344,431	
1997	18,120,540	1,444,174	1,439,781	1,426,655	1,438,748	1,378,626	1,401,615	
1998	19,431,666	1,577,821	1,550,519	1,589,679	1,497,708	1,461,851	1,615,472	
1999	20,086,022	1,626,535	1,638,695	1,543,168	1,608,129	1,614,552	1,666,911	
2000	20,959,820	1,666,005	1,685,072	1,726,871	1,679,160	1,618,357	1,739,279	
2001	21,376,684	1,742,609	1,767,825	1,814,901	1,774,627	1,632,623	1,712,982	
2002	21,082,276	1,722,400	1,752,676	1,668,418	1,764,202	1,720,317	1,764,521	
2003	21,589,235	1,763,450	1,791,375	1,718,039	1,780,323	1,649,528	1,693,428	
2004	22,039,862	1,812,500	1,848,073	1,866,794	1,794,017	1,683,000	1,807,135	
2005	22,557,575	1,812,403	1,806,197	1,748,376	1,863,783	1,809,500	1,861,856	
2006	23,335,518	1,891,522	1,913,212	1,957,880	1,856,150	1,833,131	1,919,470	
2007	23,791,970	1,924,134	1,938,601	1,895,759	1,993,866	1,933,422	1,887,304	

**Table 13 Water Consumption Charge Revenue**

(2) Classified by the Month

- real number-

unit : \$1,000

Period & Branch	Total	Jan.	Feb.	Mar.	Apr.	May	June
2008	23,967,379	1,980,599	1,987,274	1,927,638	2,028,343	1,955,985	1,950,805
2009	22,800,208	1,813,115	1,831,840	1,927,420	1,848,687	1,727,879	1,849,505
2010	24,060,360	2,004,593	1,926,142	1,791,175	2,048,935	1,959,373	1,935,654
2011	24,326,123	1,976,553	1,946,258	2,012,907	1,981,990	1,941,932	1,982,615
2012	24,610,556	1,945,555	1,954,204	2,118,642	1,997,102	1,923,458	2,064,770
2013	25,103,560	2,080,795	2,078,129	1,953,222	1,969,863	2,054,241	2,000,543
2014	25,885,027	2,160,150	2,046,892	2,063,860	2,085,422	2,031,101	2,156,328
2015	25,651,249	2,240,644	2,146,723	1,986,524	2,176,143	2,060,152	1,934,275
2016	26,206,184	2,106,319	1,979,461	1,909,196	2,048,149	2,110,019	2,193,857
2017	26,923,059	2,111,572	2,094,081	2,153,981	2,224,637	2,094,340	2,209,130
2018	27,176,825	2,235,461	2,132,843	2,173,062	2,211,541	2,257,876	2,276,287
1st Branch	1,170,549	95,673	90,260	90,369	95,141	97,109	94,771
2nd Branch	3,828,567	302,356	307,328	297,191	315,117	304,777	328,464
3rd Branch	2,628,356	216,110	199,621	213,990	205,360	218,786	214,618
4th Branch	4,466,036	356,775	359,140	348,455	369,977	361,442	377,871
5th Branch	1,724,154	145,873	135,922	133,062	141,426	146,640	142,944
6th Branch	2,977,194	248,671	238,474	243,237	243,793	241,697	252,353
7th Branch	5,455,053	447,645	425,002	452,974	445,048	465,774	472,169
8th Branch	555,382	49,913	40,121	45,949	41,847	49,481	41,604
9th Branch	332,402	26,462	26,500	24,818	29,442	27,528	27,955
10th Branch	189,811	15,867	14,637	14,624	15,772	16,273	15,229
11th Branch	1,156,367	96,351	91,371	90,853	98,440	98,363	95,382
12th Branch	2,692,954	233,765	204,467	217,539	210,178	230,007	212,926

## Table 13 Water Consumption Charge Revenue

(2) Classified by the Month

- real number- unit : \$1,000

Period & Branch	July	Aug.	Sep.	Oct.	Nov.	Dec.
1974	40,469	42,394	43,379	44,417	43,301	41,404
1975	85,212	89,392	91,376	90,982	86,286	82,458
1976	102,031	105,305	107,921	105,359	100,588	97,900
1977	101,085	110,674	117,055	119,971	123,602	115,471
1978	135,521	142,755	151,352	148,726	148,526	137,317
1979	207,299	226,498	240,388	228,884	229,470	218,169
1980	248,636	249,398	262,842	247,544	244,892	239,772
1981	259,245	262,639	284,714	278,825	277,891	266,421
1982	401,219	404,692	425,428	426,161	422,751	410,947
1983	455,226	481,430	481,364	471,044	455,590	445,726
1984	468,347	490,192	505,148	504,405	494,135	477,954
1985	510,086	506,262	544,604	530,524	521,886	514,767
1986	525,492	541,253	575,734	562,772	544,430	528,372
1987	563,881	579,562	620,311	619,210	602,158	582,564
1988	636,695	665,299	662,120	671,986	658,180	629,553
1989	673,234	708,723	727,011	723,269	719,862	683,400
1990	730,448	746,827	760,797	772,051	749,092	731,177
1991	802,049	802,176	920,813	1,092,636	1,052,067	1,015,762
1992	1,050,734	1,095,157	1,141,296	1,149,382	1,098,897	1,090,283
1993	1,136,652	1,184,969	1,210,403	1,216,024	1,168,165	1,147,460
1994	1,198,863	1,293,991	1,326,575	1,359,102	1,332,787	1,290,426
1995	1,338,113	1,406,006	1,393,347	1,438,922	1,392,731	1,494,440
1996	1,281,082	1,502,768	1,493,854	1,523,951	1,478,479	1,535,488
1997	1,518,132	1,556,830	1,613,460	1,642,749	1,583,477	1,676,294
1998	1,610,538	1,636,962	1,676,625	1,801,225	1,672,883	1,740,384
1999	1,631,697	1,691,137	1,734,216	1,815,615	1,741,291	1,774,076
2000	1,696,709	1,772,366	1,782,227	1,896,857	1,815,914	1,881,001
2001	1,689,904	1,855,424	1,867,751	1,863,226	1,833,121	1,821,690
2002	1,693,528	1,755,319	1,766,020	1,838,315	1,827,044	1,809,516
2003	1,783,915	1,865,449	1,844,718	1,929,955	1,896,936	1,872,119
2004	1,867,860	1,932,774	1,882,140	1,950,453	1,832,764	1,762,352
2005	1,886,635	1,922,538	1,937,087	1,971,922	1,941,512	1,995,766
2006	1,901,891	1,954,653	1,988,182	2,012,961	2,032,841	2,073,626
2007	1,908,870	2,007,247	2,081,050	2,062,742	2,097,612	2,061,363

## Table 13 Water Consumption Charge Revenue

(2) Classified by the Month

- real number- unit : \$1,000

Period & Branch	July	Aug.	Sep.	Oct.	Nov.	Dec.
<b>2008</b>	<b>1,986,154</b>	<b>2,041,467</b>	<b>2,013,381</b>	<b>2,077,836</b>	<b>2,057,813</b>	<b>1,960,084</b>
<b>2009</b>	<b>1,945,867</b>	<b>1,956,864</b>	<b>1,950,879</b>	<b>1,988,607</b>	<b>1,945,508</b>	<b>2,014,037</b>
<b>2010</b>	<b>2,010,068</b>	<b>2,014,186</b>	<b>2,078,416</b>	<b>2,149,746</b>	<b>2,088,873</b>	<b>2,053,199</b>
<b>2011</b>	<b>2,061,422</b>	<b>2,033,867</b>	<b>2,085,852</b>	<b>2,173,977</b>	<b>2,090,485</b>	<b>2,038,265</b>
<b>2012</b>	<b>1,948,198</b>	<b>2,089,239</b>	<b>2,169,997</b>	<b>2,177,122</b>	<b>2,092,123</b>	<b>2,130,145</b>
<b>2013</b>	<b>2,114,601</b>	<b>2,124,607</b>	<b>2,203,314</b>	<b>2,163,397</b>	<b>2,181,098</b>	<b>2,179,748</b>
<b>2014</b>	<b>2,103,846</b>	<b>2,217,267</b>	<b>2,310,875</b>	<b>2,200,480</b>	<b>2,201,278</b>	<b>2,307,525</b>
<b>2015</b>	<b>1,974,141</b>	<b>2,079,122</b>	<b>2,252,745</b>	<b>2,165,891</b>	<b>2,162,946</b>	<b>2,471,941</b>
<b>2016</b>	<b>2,306,582</b>	<b>2,293,143</b>	<b>2,378,353</b>	<b>2,284,299</b>	<b>2,268,609</b>	<b>2,328,196</b>
<b>2017</b>	<b>2,306,531</b>	<b>2,323,697</b>	<b>2,388,827</b>	<b>2,372,912</b>	<b>2,289,394</b>	<b>2,353,957</b>
<b>2018</b>	<b>2,295,895</b>	<b>2,375,634</b>	<b>2,374,564</b>	<b>2,275,146</b>	<b>2,181,691</b>	<b>2,386,824</b>
1st Branch	98,510	100,733	104,910	106,945	96,374	99,756
2nd Branch	313,586	362,124	322,434	334,126	297,055	344,008
3rd Branch	227,448	235,160	233,898	218,237	214,934	230,192
4th Branch	368,009	394,637	385,375	384,191	353,224	406,940
5th Branch	145,883	147,757	150,875	144,292	139,273	150,208
6th Branch	251,840	252,451	258,346	242,892	237,836	265,603
7th Branch	470,051	460,501	472,436	433,769	433,676	476,009
8th Branch	49,065	45,999	54,490	44,436	48,277	44,199
9th Branch	25,883	29,917	28,480	30,046	26,120	29,251
10th Branch	15,632	16,417	17,156	16,545	15,619	16,041
11th Branch	95,358	99,718	99,518	97,823	92,463	100,726
12th Branch	234,630	230,219	246,646	221,843	226,841	223,892

Table 13 Water Consumption Charge Revenue

(2) Classified by the Month

-Percentage-

unit : %

Period & Branch	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
1974	100	6.86	6.90	6.00	7.00	7.52	7.85	9.17	9.61	9.83	10.07	9.81	9.38
1975	100	7.14	7.21	7.26	7.08	7.94	8.30	8.93	9.36	9.57	9.53	9.04	8.64
1976	100	7.01	6.71	7.21	7.23	7.90	8.56	9.13	9.42	9.65	9.43	9.00	8.76
1977	100	6.64	7.34	7.18	7.61	8.37	8.50	7.99	8.75	9.25	9.48	9.77	9.13
1978	100	7.08	7.01	7.38	7.02	7.80	8.04	8.73	9.19	9.75	9.58	9.57	8.84
1979	100	6.38	5.91	6.39	6.04	6.59	6.66	9.52	10.40	11.04	10.51	10.54	10.02
1980	100	7.74	7.31	7.38	7.41	7.94	8.11	9.01	9.04	9.53	8.97	8.87	8.69
1981	100	7.80	7.45	7.72	7.41	8.05	8.05	8.52	8.63	9.35	9.16	9.13	8.75
1982	100	6.30	6.51	7.65	7.71	8.14	8.38	8.91	8.98	9.44	9.46	9.38	9.12
1983	100	7.63	7.48	7.36	7.25	7.76	8.30	8.85	9.36	9.36	9.16	8.85	8.66
1984	100	7.67	7.50	7.64	7.69	7.77	8.10	8.54	8.94	9.21	9.20	9.01	8.72
1985	100	7.83	7.68	7.51	7.61	7.88	8.30	8.67	8.61	9.26	9.02	8.88	8.75
1986	100	8.09	7.71	7.82	7.30	7.78	8.06	8.53	8.79	9.35	9.14	8.84	8.58
1987	100	7.75	7.40	7.66	7.58	7.86	8.18	8.47	8.70	9.32	9.30	9.04	8.75
1988	100	7.82	7.50	7.33	7.84	8.09	8.18	8.64	9.03	8.98	9.12	8.93	8.54
1989	100	7.79	7.74	7.73	7.50	7.76	8.02	8.50	8.95	9.18	9.13	9.09	8.63
1990	100	7.94	7.88	7.73	7.54	7.89	8.07	8.62	8.81	8.97	9.11	8.84	8.62
1991	100	7.32	7.03	7.02	6.91	7.21	7.56	8.03	8.04	9.22	10.95	10.54	10.18
1992	100	8.01	7.65	7.62	7.96	7.77	8.16	8.38	8.73	9.10	9.16	8.76	8.69
1993	100	7.69	7.81	7.62	7.44	7.72	9.92	8.34	8.69	8.88	8.92	8.57	8.42
1994	100	7.53	7.60	8.72	7.51	7.31	8.07	8.18	8.83	9.06	9.28	9.10	8.81
1995	100	7.88	9.13	7.67	7.46	7.73	8.12	8.22	8.64	8.56	8.84	8.56	9.19
1996	100	7.80	7.81	7.74	7.74	8.13	8.04	7.66	8.99	8.94	9.12	8.84	9.18
1997	100	7.97	7.95	7.87	7.94	7.61	7.73	8.38	8.59	8.90	9.07	8.74	9.25
1998	100	8.12	7.98	8.18	7.71	7.52	8.31	8.29	8.42	8.63	9.27	8.61	8.96
1999	100	8.10	8.16	7.68	8.01	8.04	8.30	8.12	8.42	8.63	9.04	8.67	8.83
2000	100	7.95	8.04	8.24	8.01	7.72	8.30	8.10	8.46	8.50	9.05	8.66	8.97
2001	100	8.15	8.27	8.49	8.30	7.64	8.01	7.91	8.68	8.74	8.72	8.58	8.52
2002	100	8.17	8.31	7.91	8.37	8.16	8.37	8.03	8.33	8.38	8.72	8.67	8.58
2003	100	8.17	8.30	7.96	8.25	7.64	7.84	8.26	8.64	8.54	8.94	8.79	8.67
2004	100	8.22	8.39	8.47	8.14	7.64	8.20	8.47	8.77	8.54	8.85	8.32	8.00
2005	100	8.03	8.01	7.75	8.26	8.02	8.25	8.36	8.52	8.59	8.74	8.61	8.85
2006	100	8.11	8.20	8.39	7.95	7.86	8.23	8.15	8.38	8.52	8.63	8.71	8.89
2007	100	8.09	8.15	7.97	8.38	8.13	7.93	8.02	8.44	8.75	8.67	8.82	8.66
2008	100	8.26	8.29	8.04	8.46	8.16	8.14	8.29	8.52	8.40	8.67	8.59	8.18

## Table 13 Water Consumption Charge Revenue

(2) Classified by the Month

-Percentage-

unit : %

Period & Branch	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
2009	100	7.95	8.03	8.45	8.11	7.58	8.11	8.53	8.58	8.56	8.72	8.53	8.83
2010	100	8.33	8.01	7.44	8.52	8.14	8.04	8.35	8.37	8.64	8.93	8.68	8.53
2011	100	8.13	8.00	8.27	8.15	7.98	8.15	8.47	8.36	8.57	8.94	8.59	8.38
2012	100	7.91	7.94	8.61	8.11	7.82	8.39	7.92	8.49	8.82	8.85	8.50	8.66
2013	100	8.29	8.28	7.78	7.85	8.18	7.97	8.42	8.46	8.78	8.62	8.69	8.68
2014	100	8.35	7.91	7.97	8.06	7.85	8.33	8.13	8.57	8.93	8.50	8.50	8.91
2015	100	8.74	8.37	7.74	8.48	8.03	7.54	7.70	8.11	8.78	8.44	8.43	9.64
2016	100	8.04	7.55	7.29	7.82	8.05	8.37	8.80	8.75	9.08	8.72	8.66	8.88
2017	100	7.84	7.78	8.00	8.26	7.78	8.21	8.57	8.63	8.87	8.81	8.50	8.74
2018	100	8.23	7.85	8.00	8.14	8.31	8.38	8.45	8.74	8.74	8.37	8.03	8.78
1st Branch	100	8.17	7.71	7.72	8.13	8.30	8.10	8.42	8.61	8.96	9.14	8.23	8.52
2nd Branch	100	7.90	8.03	7.76	8.23	7.96	8.58	8.19	9.46	8.42	8.73	7.76	8.99
3rd Branch	100	8.22	7.59	8.14	7.81	8.32	8.17	8.65	8.95	8.90	8.30	8.18	8.76
4th Branch	100	7.99	8.04	7.80	8.28	8.09	8.46	8.24	8.84	8.63	8.60	7.91	9.11
5th Branch	100	8.46	7.88	7.72	8.20	8.51	8.29	8.46	8.57	8.75	8.37	8.08	8.71
6th Branch	100	8.35	8.01	8.17	8.19	8.12	8.48	8.46	8.48	8.68	8.16	7.99	8.92
7th Branch	100	8.21	7.79	8.30	8.16	8.54	8.66	8.62	8.44	8.66	7.95	7.95	8.73
8th Branch	100	8.99	7.22	8.27	7.53	8.91	7.49	8.83	8.28	9.81	8.00	8.69	7.96
9th Branch	100	7.96	7.97	7.47	8.86	8.28	8.41	7.79	9.00	8.57	9.04	7.86	8.80
10th Branch	100	8.36	7.71	7.70	8.31	8.57	8.02	8.24	8.65	9.04	8.72	8.23	8.45
11th Branch	100	8.33	7.90	7.86	8.51	8.51	8.25	8.25	8.62	8.61	8.46	8.00	8.71
12th Branch	100	8.68	7.59	8.08	7.80	8.54	7.91	8.71	8.55	9.16	8.24	8.42	8.31

**Table 14 Comparison of consumption Charge Revenue  
between Branches**

Year	— real number —						unit : \$1,000
	Total	1st Branch	2nd Branch	3rd Branch	4th Branch	5th Branch	6th Branch
1974	441,242	44,079	68,274	36,272	42,622	—	82,624
1975	954,678	86,582	126,369	65,486	160,713	68,390	120,228
1976	1,117,833	89,954	146,186	73,561	172,228	86,216	133,972
1977	1,265,354	92,754	178,787	85,750	170,012	92,218	158,626
1978	1,552,538	100,867	261,698	100,398	199,415	113,356	188,347
1979	2,177,190	130,594	420,438	133,793	267,801	159,405	260,838
1980	2,759,421	160,226	559,481	166,982	340,360	202,393	328,170
1981	3,044,027	168,241	644,108	172,128	379,745	233,064	356,868
1982	4,504,856	240,747	993,415	245,606	558,245	362,163	541,332
1983	5,145,039	279,511	1,101,401	278,512	637,801	417,456	622,702
1984	5,482,239	294,326	1,170,699	285,283	699,150	439,970	654,482
1985	5,880,382	310,871	1,226,344	313,882	770,642	472,875	715,270
1986	6,157,516	313,225	1,301,283	326,792	811,933	483,530	752,213
1987	6,658,913	338,058	1,458,448	355,490	888,704	517,607	789,792
1988	7,369,445	361,910	1,472,941	395,384	1,014,617	562,916	842,266
1989	7,920,325	380,642	791,516	443,250	1,114,696	600,519	887,120
1990	8,477,462	417,096	834,427	486,389	1,210,366	640,340	937,821
1991	9,982,855	484,857	1,016,051	581,064	1,451,122	750,477	1,081,825
1992	12,541,971	601,816	1,286,020	756,289	1,806,411	932,983	1,342,287
1993	13,634,149	617,245	1,393,168	822,747	1,975,021	1,008,486	1,404,919
1994	14,649,937	680,620	1,492,322	892,470	2,111,794	1,109,140	1,511,372
1995	16,269,355	757,387	1,700,991	996,302	2,273,611	1,207,468	1,637,075
1996	16,717,345	833,530	1,809,816	1,072,514	2,317,781	1,231,945	1,659,456
1997	18,120,540	889,985	2,073,593	1,234,484	2,510,698	1,299,590	1,806,480
1998	19,431,666	940,940	2,323,574	1,401,681	2,725,232	1,333,160	1,921,646
1999	20,086,022	981,486	2,538,208	1,488,079	2,792,478	1,368,422	1,987,162
2000	20,959,820	1,027,599	2,810,055	1,673,697	2,708,898	1,410,009	2,053,617
2001	21,376,684	1,032,605	2,806,423	1,724,721	2,817,212	1,436,046	2,125,067
2002	21,082,276	1,007,758	2,746,099	1,723,875	2,827,323	1,429,197	2,166,662
2003	21,589,235	1,020,528	2,869,628	1,791,710	2,912,446	1,451,437	2,233,720
2004	22,039,862	1,036,402	2,765,316	1,880,675	2,970,226	1,489,197	2,366,467
2005	22,557,575	1,036,676	2,916,120	1,943,874	3,093,006	1,506,001	2,447,652
2006	23,335,518	1,050,428	3,189,335	2,034,952	3,221,528	1,520,675	2,573,911
2007	23,791,970	1,055,198	3,261,728	2,126,452	3,307,745	1,522,486	2,682,239
2008	23,967,379	1,056,039	3,335,648	2,180,694	3,375,754	1,514,880	2,723,796
2009	22,800,208	1,048,272	3,135,560	2,071,174	3,299,266	1,503,913	2,511,879
2010	24,060,360	1,061,127	3,387,965	2,229,833	3,494,715	1,530,763	2,697,093
2011	24,326,123	1,061,977	3,430,383	2,313,103	3,552,327	1,536,988	2,710,730
2012	24,610,556	1,073,982	3,455,973	2,335,478	3,666,961	1,550,056	2,752,044
2013	24,610,556	1,073,982	3,455,973	2,335,478	3,666,961	1,550,056	2,752,044
2014	25,885,027	1,106,209	3,722,047	2,442,884	4,014,840	1,604,267	2,918,338
2015	25,651,249	1,118,224	3,473,429	2,431,741	4,073,238	1,629,316	2,897,123
2016	26,206,184	1,134,373	3,602,851	2,492,746	4,190,875	1,680,382	2,888,931
2017	26,923,059	1,154,264	3,745,224	2,578,308	4,359,881	1,702,811	2,988,957
2018	27,176,825	1,170,549	3,828,567	2,628,356	4,466,036	1,724,154	2,977,194

**Table 14 Comparison of consumption Charge Revenue  
between Branches**

— real number —

unit : \$1,000

Year	7th Branch	8th Branch	9th Branch	10th Branch	11th Branch	12th Branch
1974	147,799	—	4,313	1,782	—	—
1975	286,431	6,320	22,599	11,560	—	—
1976	335,114	30,021	24,431	12,153	13,997	—
1977	376,733	36,293	25,896	13,024	35,261	—
1978	456,228	41,590	30,666	15,030	44,943	—
1979	627,203	54,039	42,243	19,868	60,968	—
1980	773,885	66,394	52,884	26,149	82,497	—
1981	838,668	69,358	57,229	28,438	96,180	—
1982	1,182,872	98,798	82,080	42,788	156,810	—
1983	1,361,037	110,892	93,020	50,443	192,264	—
1984	1,447,050	116,525	99,333	53,811	221,610	—
1985	1,528,139	127,009	102,609	58,377	254,364	—
1986	1,599,822	129,469	104,946	60,772	273,531	—
1987	1,692,494	139,732	110,327	64,652	303,609	—
1988	1,865,608	158,116	117,879	71,248	335,049	171,511
1989	1,963,862	169,756	127,127	72,549	358,028	1,011,261
1990	2,079,148	179,712	135,865	77,320	384,992	1,093,986
1991	2,477,041	209,602	153,193	88,203	444,841	1,244,579
1992	3,203,339	262,308	186,491	107,269	557,937	1,498,821
1993	3,337,023	283,563	201,444	113,390	604,499	1,585,946
1994	3,638,601	318,177	220,785	123,717	649,735	1,705,682
1995	4,117,247	343,114	241,103	131,156	716,287	1,853,235
1996	4,260,168	357,720	241,521	133,652	729,528	1,906,855
1997	4,471,965	380,627	261,762	145,476	805,832	2,036,000
1998	4,746,288	391,492	278,960	148,426	856,842	2,153,787
1999	4,812,954	398,794	288,958	149,013	885,504	2,215,116
2000	4,969,155	408,864	292,430	152,526	911,051	2,293,190
2001	5,063,314	414,855	294,638	155,401	931,580	2,342,944
2002	5,133,795	419,868	298,638	160,337	924,109	2,244,615
2003	5,184,038	427,865	308,062	164,232	930,417	2,295,155
2004	5,340,989	428,834	305,376	165,515	943,387	2,347,477
2005	5,370,698	437,080	309,243	162,910	948,555	2,385,760
2006	5,443,522	446,557	312,671	163,296	959,836	2,418,807
2007	5,461,300	458,110	310,414	164,659	964,811	2,476,828
2008	5,425,486	451,876	301,893	161,233	966,088	2,473,994
2009	4,967,688	453,929	298,315	164,624	956,007	2,389,582
2010	5,302,555	463,552	301,954	165,768	964,705	2,460,330
2011	5,319,186	474,028	304,871	164,533	972,299	2,485,698
2012	5,322,642	481,388	302,592	165,423	985,577	2,518,439
2013	5,322,642	481,388	302,592	165,423	985,577	2,518,439
2014	5,435,978	504,864	322,133	175,607	1,037,382	2,600,479
2015	5,383,890	521,885	325,788	181,419	1,057,155	2,558,040
2016	5,395,084	534,352	325,117	189,111	1,092,000	2,680,363
2017	5,549,624	547,147	326,013	189,414	1,119,238	2,662,179
2018	5,455,053	555,382	332,402	189,811	1,156,367	2,692,954

**Table 14 Comparison of consumption Charge Revenue  
between Branches**

— Percentage—

Unit : %

Year	Total	1st Branch	2nd Branch	3rd Branch	4th Branch	5th Branch	6th Branch	7th Branch	8th Branch	9th Branch	10th Branch	11th Branch	12th Branch
1974	100	9.99	15.47	8.22	9.66	—	18.73	33.50	—	0.98	0.40	—	—
1975	100	9.07	13.24	6.86	16.83	7.16	12.59	30.00	0.66	2.37	1.21	—	—
1976	100	8.05	13.08	6.58	15.41	7.71	11.98	29.98	2.69	2.19	1.09	1.25	—
1977	100	7.33	14.13	6.78	13.44	7.29	12.54	29.77	2.87	2.05	1.03	2.79	—
1978	100	6.50	16.86	6.47	12.84	7.30	12.13	29.39	2.68	1.98	0.97	2.89	—
1979	100	6.00	19.31	6.15	12.30	7.32	11.98	28.81	2.48	1.94	0.91	2.80	—
1980	100	5.81	20.28	6.05	12.33	7.33	11.89	28.05	2.41	1.92	0.95	2.99	—
1981	100	5.53	21.16	5.65	12.48	7.66	11.72	27.55	2.28	1.88	0.93	3.16	—
1982	100	5.34	22.05	5.45	12.39	8.04	12.02	26.26	2.19	1.82	0.95	3.48	—
1983	100	5.43	21.41	5.41	12.40	8.11	12.10	26.45	2.16	1.81	0.98	3.74	—
1984	100	5.37	21.35	5.20	12.75	8.03	11.94	26.40	2.13	1.81	0.98	4.04	—
1985	100	5.29	20.85	5.34	13.11	8.04	12.16	25.99	2.16	1.74	0.99	4.33	—
1986	100	5.09	21.13	5.31	13.19	7.85	12.22	25.98	2.10	1.70	0.99	4.44	—
1987	100	5.08	21.90	5.34	13.35	7.77	11.86	25.42	2.10	1.66	0.97	4.56	—
1988	100	4.91	19.99	5.37	13.77	7.64	11.43	25.32	2.15	1.60	0.97	4.55	2.33
1989	100	4.81	9.99	5.60	14.07	7.58	11.20	24.80	2.14	1.61	0.92	4.52	12.77
1990	100	4.92	9.84	5.74	14.28	7.55	11.06	24.53	2.12	1.60	0.91	4.54	12.90
1991	100	4.86	10.18	5.82	14.54	7.52	10.84	24.81	2.10	1.53	0.88	4.46	12.47
1992	100	4.80	10.25	6.03	14.40	7.44	10.70	25.54	2.09	1.49	0.86	4.45	11.95
1993	100	4.53	10.22	6.03	14.49	7.40	10.30	24.48	2.08	1.48	0.83	4.43	11.63
1994	100	4.65	10.19	6.09	14.42	7.57	10.32	24.84	2.17	1.51	0.84	4.44	11.64
1995	100	4.66	10.46	6.12	13.97	7.42	10.06	25.31	2.11	1.48	0.81	4.40	11.39
1996	100	4.99	10.83	6.42	13.86	7.37	9.93	25.48	2.14	1.44	0.80	4.36	11.41
1997	100	4.91	11.44	6.81	13.86	7.17	9.97	24.68	2.10	1.44	0.80	4.45	11.24
1998	100	4.84	11.96	7.21	14.02	6.86	9.89	24.43	2.01	1.44	0.76	4.41	11.08
1999	100	4.89	12.64	7.41	13.90	6.81	9.89	23.96	1.99	1.44	0.74	4.41	11.03
2000	100	4.90	13.41	7.99	12.92	6.73	9.80	23.71	1.95	1.40	0.73	4.35	10.94
2001	100	4.83	13.13	8.07	13.18	6.72	9.94	23.69	1.94	1.38	0.73	4.36	10.96
2002	100	4.78	13.03	8.18	13.41	6.78	10.28	24.35	1.99	1.42	0.76	4.38	10.65
2003	100	4.73	13.29	8.30	13.49	6.72	10.35	24.01	1.98	1.43	0.76	4.31	10.63
2004	100	4.70	12.55	8.53	13.48	6.76	10.74	24.23	1.95	1.39	0.75	4.28	10.65
2005	100	4.60	12.93	8.62	13.71	6.68	10.85	23.81	1.94	1.37	0.72	4.21	10.58
2006	100	4.50	13.67	8.72	13.81	6.52	11.03	23.33	1.91	1.34	0.70	4.11	10.37
2007	100	4.44	13.71	8.94	13.90	6.40	11.27	22.95	1.93	1.30	0.69	4.06	10.41
2008	100	4.41	13.92	9.10	14.08	6.32	11.36	22.64	1.89	1.26	0.67	4.03	10.32
2009	100	4.60	13.75	9.08	14.47	6.60	11.02	21.79	1.99	1.31	0.72	4.19	10.48
2010	100	4.41	14.08	9.27	14.52	6.36	11.21	22.04	1.93	1.25	0.69	4.01	10.23
2011	100	4.37	14.10	9.51	14.60	6.32	11.14	21.87	1.95	1.25	0.68	4.00	10.22
2012	100	4.36	14.04	9.49	14.90	6.30	11.18	21.63	1.96	1.23	0.67	4.00	10.23
2013	100	4.32	14.12	9.42	15.30	6.27	11.21	21.32	1.97	1.23	0.67	4.01	10.17
2014	100	4.27	14.38	9.44	15.51	6.20	11.27	21.00	1.95	1.24	0.68	4.01	10.05
2015	100	4.36	13.54	9.48	15.88	6.35	11.29	20.99	2.03	1.27	0.71	4.12	9.97
2016	100	4.33	13.75	9.51	15.99	6.41	11.02	20.59	2.04	1.24	0.72	4.17	10.23
2017	100	4.29	13.91	9.58	16.19	6.32	11.10	20.61	2.03	1.21	0.70	4.16	9.89
2018	100	4.31	14.09	9.67	16.43	6.34	10.95	20.07	2.04	1.22	0.70	4.25	9.91

**Table 14 Comparison of consumption Charge Revenue  
between Branches**

-Link Index-

Unit : %

Year	Total	1st Branch	2nd Branch	3rd Branch	4th Branch	5th Branch	6th Branch	7th Branch	8th Branch	9th Branch	10th Branch	11th Branch	12th Branch
1974	—	—	—	—	—	—	—	—	—	—	—	—	—
1975	216.36	196.42	185.09	180.54	377.07	—	145.51	193.80	—	523.97	648.71	—	—
1976	117.09	103.89	115.68	112.33	107.16	126.07	111.43	117.00	475.02	108.11	105.13	—	—
1977	113.20	103.11	122.30	116.57	98.71	106.96	118.40	112.42	120.89	106.00	107.17	251.92	—
1978	122.70	108.75	146.37	117.08	117.29	122.92	118.74	121.10	114.60	118.42	115.40	127.46	—
1979	140.23	129.47	160.66	133.26	134.29	140.62	138.49	137.48	129.93	137.75	132.19	135.66	—
1980	126.74	122.69	133.07	124.81	127.09	126.97	125.81	123.39	122.86	125.19	131.61	135.31	—
1981	110.31	105.00	115.13	103.08	111.57	115.15	108.74	108.37	104.46	108.22	108.75	116.59	—
1982	147.99	143.10	154.23	142.69	147.01	155.39	151.69	141.04	142.45	143.42	150.46	163.04	—
1983	114.21	116.10	110.87	113.40	114.25	115.27	115.03	115.06	112.24	113.33	117.89	122.61	—
1984	106.55	105.30	106.29	102.43	109.62	105.39	105.10	106.32	105.08	106.79	106.68	115.26	—
1985	107.26	105.62	104.75	110.02	110.23	107.48	109.29	105.60	109.00	103.30	108.49	114.78	—
1986	104.71	100.76	106.11	104.11	105.36	102.25	105.16	104.69	101.94	102.28	104.10	107.54	—
1987	108.14	107.93	112.08	108.78	109.46	107.05	105.00	105.79	107.93	105.13	106.38	111.00	—
1988	110.67	107.06	100.99	111.22	114.17	108.75	106.64	110.23	113.16	106.85	110.20	110.36	—
1989	107.48	105.18	53.74	112.11	109.86	106.68	105.33	105.27	107.36	107.85	101.83	106.86	589.62
1990	107.03	109.58	105.42	109.73	108.58	106.63	105.72	105.87	105.86	106.87	106.58	107.53	108.18
1991	117.76	116.25	121.77	119.46	119.89	117.20	115.36	119.14	116.63	112.75	114.08	115.55	113.77
1992	125.64	124.12	126.57	130.16	124.48	124.32	124.08	129.32	125.15	121.74	121.62	125.42	120.43
1993	108.71	102.56	108.33	108.79	109.33	108.09	104.67	104.17	108.10	108.02	105.71	108.35	105.81
1994	107.45	110.27	107.12	108.47	106.93	109.98	107.58	109.04	112.21	109.60	109.11	107.48	107.55
1995	111.05	111.28	113.98	111.63	107.66	108.87	108.32	113.15	107.84	109.20	106.01	110.24	108.65
1996	102.75	110.05	106.40	107.65	101.94	102.03	101.37	103.47	104.26	100.17	101.90	101.85	102.89
1997	108.39	106.77	114.57	115.10	108.32	105.49	108.86	104.97	106.40	108.38	108.85	110.46	106.77
1998	107.24	105.73	112.06	113.54	108.54	102.58	106.38	106.13	102.85	106.57	102.03	106.33	105.79
1999	103.37	104.31	109.24	106.16	102.47	102.64	103.41	101.40	101.87	103.58	100.40	103.35	102.85
2000	104.35	104.70	110.71	112.47	97.01	103.04	103.34	103.25	102.53	101.20	102.36	102.88	103.52
2001	101.99	100.49	99.87	103.05	104.00	101.85	103.48	101.89	101.47	100.75	101.88	102.25	102.17
2002	98.62	97.59	97.85	99.95	100.36	99.52	101.96	101.39	101.21	101.36	103.18	99.20	95.80
2003	102.40	101.27	104.50	103.94	103.01	101.56	103.09	100.98	101.90	103.16	102.43	100.68	102.25
2004	102.09	101.56	96.36	104.97	101.98	102.60	105.94	103.03	100.23	99.13	100.78	101.39	102.28
2005	102.35	100.03	105.45	103.36	104.13	101.13	103.43	100.56	101.92	101.27	98.43	100.55	101.63
2006	103.45	101.33	109.37	104.69	104.16	100.97	105.16	101.36	102.17	101.11	100.24	101.19	101.39
2007	101.96	100.45	102.27	104.50	102.68	100.12	104.21	100.33	102.59	99.28	100.83	100.52	102.40
2008	100.74	100.08	102.27	102.55	102.06	99.50	101.55	99.34	98.64	97.25	97.92	100.13	99.89
2009	95.13	99.26	94.00	94.98	97.73	99.28	92.22	91.56	100.45	98.81	102.10	98.96	96.59
2010	105.53	101.23	108.05	107.66	105.92	101.79	107.37	106.74	102.12	101.22	100.69	100.91	102.96
2011	101.10	100.08	101.25	103.73	101.65	100.41	100.51	100.31	102.26	100.97	99.26	100.79	101.03
2012	101.17	101.13	100.75	100.97	103.23	100.85	101.52	100.06	101.55	99.25	100.54	101.37	101.32
2013	102.00	101.06	102.55	101.21	104.72	101.50	102.26	100.57	102.64	102.04	102.09	102.04	101.37
2014	103.11	101.92	105.02	103.35	104.56	101.97	103.70	101.56	102.18	104.32	103.98	103.15	101.86
2015	99.10	101.09	93.32	99.54	101.45	101.56	99.27	99.04	103.37	101.13	103.31	101.91	98.37
2016	102.16	101.44	103.73	102.51	102.89	103.13	99.72	100.21	102.39	99.79	104.24	103.30	104.78
2017	102.74	101.75	103.95	103.43	104.03	101.33	103.46	102.86	102.39	100.28	100.16	102.49	99.32
2018	100.94	101.41	102.23	101.94	102.43	101.25	99.61	98.30	101.51	101.96	100.21	103.32	101.16

**Table 15 Illegal Water Consumption Handling**

2018

unit : {  
 Amount : case  
 Consumption : M<sup>3</sup>  
 Water Consumption Charge : \$

Branch	Total			Water Stealing			Damage Water Supply Facilities		
	Amount	Recovered Water Consumption	Recovered Water Consumption Charge	Amount	Recovered Water Consumption	Recovered Water Consumption Charge	Amount	Recovered Water Consumption	Recovered Water Consumption Charge
Total	1,251	2,133,273	23,769,949	262	1,297,670	14,575,004	989	835,603	9,194,945
1st Branch	45	34,752	380,301	6	10,446	114,610	39	24,306	265,691
2nd Branch	152	349,116	3,957,709	14	75,642	956,806	138	273,474	3,000,903
3rd Branch	75	76,820	843,480	9	32,597	357,883	66	44,223	485,597
4th Branch	148	349,717	3,841,283	66	312,416	3,429,404	82	37,301	411,879
5th Branch	277	277,549	3,047,009	24	131,603	1,445,349	253	145,946	1,601,660
6th Branch	112	75,413	829,972	14	51,090	563,104	98	24,323	266,868
7th Branch	117	311,927	3,630,140	64	285,003	3,303,431	53	26,924	326,709
8th Branch	64	71,960	753,448	4	21,240	232,995	60	50,720	520,453
9th Branch	49	115,846	1,249,027	11	102,896	1,106,945	38	12,950	142,082
10th Branch	59	33,483	416,913	6	10,000	158,859	53	23,483	258,054
11th Branch	66	241,888	2,653,593	31	210,825	2,312,376	35	31,063	341,217
12th Branch	87	194,802	2,167,074	13	53,912	593,242	74	140,890	1,573,832

Table 16 Major Electric Machinery &amp; Instruments

unit : set

	Transformer	Electric Pumper	Diesel Engine Dynamo	Flocculator	Flash Mixer	Chemical Feeder	Chlorinator	Scraper	Center Surveillance System (suit)	Water-Level Gage	Liquid Chlorine Alarm	Residual Chlorine Register	Turbidity Register	Filter Rate Gage	Loss-of-Head Gage	PH Gage
End of 1974	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
End of 1975	307	1,346	11	91	—	103	254	—	—	...	...	...	...	...	...	—
End of 1976	334	1,489	14	97	—	106	308	—	—	...	...	...	...	...	...	—
End of 1977	394	1,614	14	107	—	116	369	—	—	...	...	...	...	...	...	—
End of 1978	465	1,871	23	146	—	141	442	—	—	...	...	...	...	...	...	—
End of 1979	477	1,927	23	149	—	134	498	—	—	...	...	...	...	...	...	—
End of 1980	517	2,098	25	161	—	141	532	—	—	...	...	...	...	...	...	—
End of 1981	533	2,282	29	161	—	160	533	—	—	...	...	...	...	...	...	—
End of 1982	586	2,423	30	167	—	170	533	—	—	...	...	...	...	...	...	—
End of 1983	625	2,620	35	247	—	199	605	—	—	244	51	136	22	82	103	—
End of 1984	648	2,850	43	269	—	215	652	—	—	266	89	147	24	90	111	—
End of 1985	662	3,005	47	279	—	231	682	—	—	293	108	150	27	90	133	—
End of 1986	683	3,184	54	201	—	239	721	—	—	317	121	156	36	90	133	—
End of 1987	693	3,337	56	203	—	235	729	—	—	338	159	140	39	90	133	—
End of 1988	709	3,482	55	209	—	226	748	—	—	337	178	142	39	94	135	—
End of 1989	688	3,601	63	207	—	223	751	—	—	348	201	142	39	94	138	—
End of 1990	700	3,746	86	205	—	250	757	—	—	374	214	145	43	94	138	—
End of 1991	722	3,937	86	206	—	280	778	—	—	391	240	149	44	91	141	—
End of 1992	732	4,187	93	232	—	309	790	—	—	422	295	157	61	101	154	—
End of 1993	734	4,396	97	229	—	333	786	—	—	445	309	173	70	101	154	—
End of 1994	745	4,604	103	252	138	520	662	68	—	505	304	217	86	123	154	—
End of 1995	739	4,796	113	291	98	744	613	72	—	590	288	240	104	123	166	—
End of 1996	755	5,022	123	293	98	865	518	76	—	678	293	271	113	117	170	—
End of 1997	767	5,279	124	296	122	966	496	100	374	783	277	293	119	117	179	—
End of 1998	738	5,532	133	326	130	990	442	129	414	889	257	347	140	113	179	—
End of 1999	719	5,642	141	338	118	1,131	377	142	430	947	233	384	143	113	171	—
End of 2000	706	5,846	160	341	126	1,266	359	144	438	1,031	221	431	185	113	171	108
End of 2001	706	6,038	186	393	133	1,373	330	149	477	1,048	205	489	226	113	171	121
End of 2002	711	6,364	203	458	144	1,424	295	184	510	1,244	214	535	300	113	171	167
End of 2003	720	6,542	234	499	137	1,520	316	193	532	1,352	207	610	450	113	171	200
End of 2004	715	6,779	238	575	141	1,542	272	211	543	1,444	181	612	488	113	179	227
End of 2005	710	6,848	245	584	141	1,530	255	249	535	1,518	174	659	571	113	179	261
End of 2006	714	6,965	263	630	158	1,543	253	312	550	1,595	163	696	633	113	177	278
End of 2007	715	7,026	269	626	159	1,570	251	332	604	1,651	162	670	657	112	175	296

Table 16 Major Electric Machinery & Instruments

unit : set

	Transformer	Electric Pumper	Diesel Engine Dynamo	Flocculator	Flash Mixer	Chemical Feeder	Chlorinator	Scraper	Center Surveillance System (suit)	Water-Level Gage	Liquid Chlorine Alarm	Residual Chlorine Register	Turbidity Register	Filter Rate Gage	Loss-of-Head Gage	PH Gage
End of 2008	726	7,160	278	643	162	1,597	250	340	543	1,677	152	684	699	121	188	314
End of 2009	726	7,228	280	686	159	1,616	238	363	556	1,741	144	685	732	131	182	306
End of 2010	735	7,348	284	690	158	1,614	238	365	566	1,767	140	696	772	131	172	313
End of 2011	736	7,500	286	695	153	1,603	226	373	604	1,826	122	707	802	135	176	335
End of 2012	736	7,588	292	699	150	1,631	216	386	617	1,859	106	710	793	135	174	355
End of 2013	738	7,629	295	738	156	1,646	239	419	527	1,929	106	749	862	127	160	356
End of 2014	732	7,843	303	787	166	1,726	245	489	525	1,994	119	782	913	117	149	367
End of 2015	754	7,951	305	797	170	1,741	246	491	555	2,030	113	803	917	117	149	365
End of 2016	758	8,031	312	803	170	1,767	246	521	552	2,063	113	833	945	117	149	363
End of 2017	749	8,201	388	872	180	1,847	237	563	555	2,145	113	855	1,016	117	149	352
End of 2018	750	8,212	409	867	177	1,898	201	565	560	2,223	113	888	1,042	117	149	375
1st Branch	55	724	22	50	1	85	10	14	95	90	6	37	49	8	14	24
2nd Branch	81	516	20	166	19	127	48	94	20	150	22	66	143	14	14	52
3rd Branch	102	919	32	72	26	135	53	73	87	224	—	65	85	—	—	20
4th Branch	108	1,644	60	162	24	261	19	137	42	448	25	119	107	—	9	59
5th Branch	112	990	61	153	33	402	7	63	96	399	10	187	174	13	25	48
6th Branch	49	589	23	85	14	158	—	70	25	198	—	48	108	58	16	25
7th Branch	131	1,267	43	93	31	293	47	53	34	178	37	104	86	—	43	28
8th Branch	30	238	37	26	6	119	—	24	3	134	—	47	95	—	6	39
9th Branch	10	193	28	9	5	67	—	5	109	87	—	47	53	6	—	17
10th Branch	3	229	31	19	2	84	—	11	3	72	—	59	40	—	4	18
11th Branch	36	575	38	—	—	144	—	2	26	143	—	88	21	—	—	12
12th Branch	33	328	14	32	16	23	17	19	20	100	13	21	81	18	18	33

Table 17 The Treatment Equipment of Water Supply

Period & Water Supply System	Water Source				Mixing Tank		Flocculation Basin		Sedimentation Basin	
	Surface Water		Ground Water							
	Artesian Water (Unit)	Extractor (Unit)	Shallow Well (Set)	Deep Well (Set)	No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )
End of 1974	126	59	432		...	...	—	—	168	157,337
End of 1975	122	63	418		...	...	—	—	179	173,064
End of 1976	125	78	480		...	...	—	—	186	201,455
End of 1977	116	88	494		...	...	—	—	201	215,155
End of 1978	118	77	166	391	123	23,953	—	—	203	219,631
End of 1979	124	78	169	420	129	24,626	—	—	202	220,551
End of 1980	121	76	176	446	134	25,291	—	—	213	240,628
End of 1981	129	82	182	474	163	33,008	—	—	220	252,781
End of 1982	130	77	177	517	174	37,462	—	—	225	270,863
End of 1983	127	80	183	525	215	44,635	—	—	241	285,113
End of 1984	127	86	192	560	231	48,785	—	—	259	295,555
End of 1985	136	89	190	599	233	49,237	—	—	263	334,806
End of 1986	141	88	192	635	249	51,640	—	—	270	344,883
End of 1987	139	92	199	665	267	53,750	—	—	284	343,865
End of 1988	143	92	197	693	271	53,867	—	—	281	349,509
End of 1989	144	91	199	750	282	55,845	—	—	280	352,227
End of 1990	143	93	198	760	293	57,954	—	—	289	354,973
End of 1991	143	92	204	804	294	57,932	—	—	292	356,082
End of 1992	140	95	208	855	304	59,018	—	—	320	361,897
End of 1993	140	98	218	919	313	62,485	—	—	332	381,561
End of 1994	139	94	227	937	142	11,246	250	210,238	318	379,930
End of 1995	140	94	221	966	141	13,323	259	221,201	331	407,578
End of 1996	137	93	218	997	150	15,898	261	221,417	340	425,641
End of 1997	141	92	216	1,025	154	16,460	268	224,841	362	460,017
End of 1998	136	98	208	1,052	168	17,919	278	229,464	393	482,046
End of 1999	133	102	202	1,075	158	17,814	290	230,706	395	498,683
End of 2000	131	101	188	1,081	161	18,654	290	230,706	396	487,133
End of 2001	134	103	186	1,090	165	19,012	301	231,928	420	497,216
End of 2002	135	102	179	1,066	171	20,374	326	242,415	441	528,939
End of 2003	137	103	174	1,079	184	30,106	370	317,238	474	668,023
End of 2004	137	104	176	1,070	204	37,044	365	315,717	481	676,697
End of 2005	136	105	166	1,063	208	37,511	365	316,000	479	668,547
End of 2006	137	106	169	1,057	214	38,088	392	322,310	494	699,441
End of 2007	134	104	166	1,043	219	38,615	404	323,987	502	703,846
End of 2008	134	103	161	1,053	223	38,721	412	324,309	521	721,627
End of 2009	133	100	162	1,040	232	38,203	440	329,386	532	742,690
End of 2010	129	107	141	1,028	232	38,046	444	329,772	534	730,293
End of 2011	118	104	139	995	235	37,985	443	256,111	541	803,925
End of 2012	118	107	139	987	234	37,910	444	256,249	539	805,958
End of 2013	117	108	144	984	227	37,685	471	259,412	539	814,014
End of 2014	118	107	142	988	239	38,468	540	264,567	544	835,767
End of 2015	118	108	139	983	240	38,474	547	264,829	548	844,689

Table 17 The Treatment Equipment of Water Supply

Period & Water Supply System	Water Source				Mixing Tank		Flocculation Basin		Sedimentation Basin	
	Surface Water		Ground Water							
	Artesian Water	Extractor	Shallow Well	Deep Well	No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )
	(Unit)	(Unit)	(Set)	(Set)						
<b>End of 2016</b>	<b>118</b>	<b>108</b>	<b>137</b>	<b>984</b>	<b>242</b>	<b>38,348</b>	<b>549</b>	<b>265,165</b>	<b>546</b>	<b>846,873</b>
<b>End of 2017</b>	<b>118</b>	<b>109</b>	<b>135</b>	<b>986</b>	<b>248</b>	<b>38,873</b>	<b>577</b>	<b>266,850</b>	<b>570</b>	<b>858,308</b>
<b>End of 2018</b>	<b>116</b>	<b>105</b>	<b>136</b>	<b>962</b>	<b>234</b>	<b>37,809</b>	<b>547</b>	<b>265,320</b>	<b>539</b>	<b>845,515</b>
<b>1st Branch</b>	<b>11</b>	<b>21</b>	<b>4</b>	<b>2</b>	<b>16</b>	<b>921</b>	<b>42</b>	<b>5,197</b>	<b>49</b>	<b>45,365</b>
Keelung System	5	15	2	—	13	735	27	4,748	32	41,049
Pinglin System	—	4	—	—	3	186	6	257	7	1,756
Danshuei System	3	1	2	2	—	—	9	192	10	2,560
Jinshan System	2	—	—	—	—	—	—	—	—	—
Wulai System	1	1	—	—	—	—	—	—	—	—
<b>2nd Branch</b>	<b>5</b>	<b>5</b>	<b>1</b>	<b>—</b>	<b>22</b>	<b>1,813</b>	<b>100</b>	<b>21,701</b>	<b>49</b>	<b>86,891</b>
Shihmen System	2	4	1	—	22	1,813	100	21,701	48	86,391
Fusing System	3	1	—	—	—	—	—	—	1	500
<b>3rd Branch</b>	<b>9</b>	<b>10</b>	<b>21</b>	<b>9</b>	<b>22</b>	<b>1,254</b>	<b>83</b>	<b>27,206</b>	<b>43</b>	<b>57,125</b>
Hsinchu System	4	2	3	—	13	348	59	12,460	26	48,269
Jhudong System	—	2	1	—	1	74	6	620	4	3,812
Jianshih System	1	—	—	—	—	—	—	—	—	—
Meihua System	1	—	—	—	—	—	—	—	—	—
Beipu System	1	—	—	—	1	6	6	252	2	480
Wufong System	—	2	—	—	—	—	—	—	—	—
Neiwan System	1	1	1	—	—	—	—	—	1	63
Sinpu System	—	1	—	2	1	1	2	300	2	360
Miaoli System	—	1	5	—	1	11	3	1,037	3	1,422
Dahu System	—	—	4	—	—	—	—	—	—	—
JhunanToufen System	1	—	—	—	3	800	4	11,624	—	—
Liyutan System	—	—	3	7	—	—	—	—	—	—
Nanjhuang System	—	—	2	—	1	8	1	815	2	2,000
Cyonglin System	—	—	2	—	—	—	—	—	—	—
Guan W. System	—	1	—	—	1	6	2	98	3	719
<b>4th Branch</b>	<b>15</b>	<b>16</b>	<b>22</b>	<b>266</b>	<b>17</b>	<b>4,593</b>	<b>53</b>	<b>30,390</b>	<b>79</b>	<b>148,140</b>
Taichung System	2	3	1	125	6	3,928	30	26,881	48	131,841
Sinshe System	—	—	1	1	—	—	—	—	—	—
Guguan System	—	1	—	—	1	14	—	—	—	—
Wufong System	—	—	—	9	—	—	—	—	—	—
Dongshih System	—	—	6	4	—	—	—	—	—	—
Jhuolan System	—	—	1	7	—	—	—	—	—	—
Lishan System	—	1	—	—	1	15	—	—	—	—
Puli System	—	—	2	16	—	—	—	—	—	—
Dapingding System	1	—	—	1	—	—	—	—	1	197
Wushe System	3	1	—	—	—	—	—	—	—	—
Rihyuetan System	2	1	—	2	—	—	—	—	1	10
Dehua System	—	1	—	—	—	—	—	—	—	—
Dadu System	—	—	—	10	—	—	—	—	—	—
Nantou System	—	1	1	41	1	9	1	10	2	1,200
Shueili System	—	3	4	3	3	549	7	2,445	9	7,499
Sinyi System	1	—	—	2	—	—	1	270	2	540

Table 17 The Treatment Equipment of Water Supply

Period & Water Supply System		Water Source				Mixing Tank		Flocculation Basin		Sedimentation Basin	
		Surface Water		Ground Water							
		Artesian Water (Unit)	Extractor (Unit)	Shallow Well (Set)	Deep Well (Set)	No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )
Dajia	System	1	—	—	18	1	50	3	96	1	1,099
Waipu	System	—	—	1	5	—	—	—	—	—	—
Caotun	System	—	—	5	21	—	—	—	—	—	—
Pingding	System	1	—	—	—	—	—	—	—	—	—
Lugu	System	4	—	—	—	2	10	9	308	11	4,257
Dili	System	—	—	—	1	—	—	—	—	—	—
Renlun	System	—	1	—	—	1	9	1	110	1	130
Luonuo	System	—	1	—	—	1	9	1	270	2	540
Guosing	System	—	2	—	—	—	—	—	—	1	827
<b>5th Branch</b>		<b>12</b>	<b>9</b>	<b>13</b>	<b>136</b>	<b>34</b>	<b>3,655</b>	<b>78</b>	<b>11,168</b>	<b>78</b>	<b>65,138</b>
Chiayi	System	5	7	—	11	12	1,918	32	4,284	27	28,376
Dabang	System	1	1	—	—	—	—	—	—	1	200
Dapu	System	1	—	3	—	—	—	—	—	1	230
Yunlin	System	3	—	10	125	22	1,737	46	6,884	45	35,729
Alishan	System	1	—	—	—	—	—	—	—	1	8
Leye	System	1	1	—	—	—	—	—	—	3	595
<b>6th Branch</b>		<b>6</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>20</b>	<b>2,861</b>	<b>86</b>	<b>123,872</b>	<b>69</b>	<b>77,863</b>
Tainan	System	5	4	4	4	18	2,857	80	123,694	65	76,517
NansiYujing	System	1	1	—	—	2	4	6	178	4	1,346
<b>7th Branch</b>		<b>7</b>	<b>25</b>	<b>35</b>	<b>244</b>	<b>57</b>	<b>15,529</b>	<b>42</b>	<b>26,452</b>	<b>79</b>	<b>225,318</b>
Kaohsiung	System	—	15	1	59	42	14,690	25	23,703	51	206,399
Cishan	System	—	—	—	6	—	—	—	—	—	—
Maolin	System	—	—	—	1	—	—	—	—	—	—
Meinong	System	—	—	1	4	—	—	—	—	—	—
Guangsing	System	—	—	—	2	—	—	—	—	—	—
Jiasian	System	—	—	6	—	—	—	3	47	2	455
Liouguei	System	—	—	3	—	2	22	—	—	1	390
Sinwei	System	—	—	1	—	—	—	—	—	—	—
Jibei	System	—	—	—	—	—	—	—	—	—	—
Dongyuan	System	—	1	—	—	—	—	—	—	—	—
Pingtung	System	—	—	—	24	—	—	—	—	2	10,000
Siangtan	System	—	—	—	2	—	—	—	—	—	—
Gaoshu	System	—	—	—	6	—	—	—	—	—	—
Gaoshih	System	—	1	—	—	—	—	—	—	1	45
Sandi	System	—	—	—	3	—	—	—	—	—	—
Muzih	System	—	—	2	—	—	—	—	—	1	216
Nanhe	System	—	—	—	2	—	—	—	—	—	—
Sihchun	System	—	—	—	1	—	—	—	—	—	—
Singuo	System	—	—	—	2	—	—	—	—	—	—
Magong	System	—	3	—	61	1	13	6	315	4	2,032
Lun E.	System	—	—	—	3	—	—	—	—	—	—
Majia	System	2	—	—	—	—	—	—	—	—	—
Minzu	System	—	—	—	—	—	—	—	—	—	—
Minsheng	System	1	—	—	—	—	—	—	—	—	—
Baolai	System	—	—	2	—	2	5	—	—	2	116
Jiasing	System	1	—	—	—	—	—	—	—	—	—
Wutan	System	—	—	—	4	—	—	—	—	—	—
Laiyi	System	—	—	—	3	1	140	1	27	—	—

Table 17 The Treatment Equipment of Water Supply

Period & Water Supply System		Water Source				Mixing Tank		Flocculation Basin		Sedimentation Basin	
		Surface Water		Ground Water							
		Artesian Water (Unit)	Extractor (Unit)	Shallow Well (Set)	Deep Well (Set)	No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )
Beishih	System	—	—	—	4	—	—	—	—	—	—
Wutai	System	1	—	—	—	—	—	—	—	—	—
Wuda	System	—	—	—	—	—	—	—	—	—	—
Mudan	System	2	—	—	6	5	346	6	2,328	10	4,805
Duona	System	—	—	—	1	—	—	—	—	—	—
Cinhe	System	—	1	—	—	1	4	—	—	—	—
Baisha	System	—	—	19	28	1	100	—	—	—	—
Dewun	System	—	—	—	—	—	—	—	—	—	—
Meilan	System	—	—	—	—	—	—	—	—	—	—
Wang-an	System	—	2	—	3	—	—	—	—	2	100
Siyu	System	—	1	—	13	1	200	—	—	1	600
Cimei	System	—	1	—	6	1	9	1	32	2	160
<b>8th Branch</b>		<b>13</b>	<b>3</b>	<b>18</b>	<b>24</b>	<b>8</b>	<b>302</b>	<b>26</b>	<b>2,913</b>	<b>11</b>	<b>18,448</b>
Yilan	System	3	2	5	6	2	215	5	1,636	4	8,652
Luodong	System	3	1	13	10	6	87	21	1,277	7	9,796
Nan-ao	System	1	—	—	1	—	—	—	—	—	—
Songluo	System	1	—	—	—	—	—	—	—	—	—
Yingshih	System	1	—	—	1	—	—	—	—	—	—
Sihji	System	1	—	—	1	—	—	—	—	—	—
Nanshan	System	1	—	—	1	—	—	—	—	—	—
Dongao	System	1	—	—	2	—	—	—	—	—	—
Jinyang	System	1	—	—	1	—	—	—	—	—	—
Aohua	System	—	—	—	1	—	—	—	—	—	—
<b>9th Branch</b>		<b>19</b>	<b>2</b>	<b>13</b>	<b>38</b>	<b>4</b>	<b>454</b>	<b>10</b>	<b>2,684</b>	<b>20</b>	<b>16,366</b>
Hualien	System	8	—	5	21	2	404	6	2,230	12	11,138
Heping	System	1	1	—	1	—	—	—	—	—	—
Shueilian	System	—	—	1	—	—	—	—	—	—	—
Fonglin	System	3	—	2	4	1	13	4	454	3	4,504
Fongbin	System	1	—	—	—	—	—	—	—	2	180
Rueisuei	System	3	—	—	3	—	—	—	—	1	400
Fuyuan	System	2	—	—	1	—	—	—	—	—	—
Gangkou	System	—	1	—	—	1	37	—	—	2	144
Yuli	System	—	—	3	7	—	—	—	—	—	—
Fuli	System	—	—	1	1	—	—	—	—	—	—
Chihnan	System	1	—	—	—	—	—	—	—	—	—
Songpu	System	—	—	1	—	—	—	—	—	—	—
<b>10th Branch</b>		<b>18</b>	<b>6</b>	<b>—</b>	<b>48</b>	<b>7</b>	<b>150</b>	<b>11</b>	<b>1,428</b>	<b>20</b>	<b>17,031</b>
Taitung	System	2	1	—	18	2	57	9	1,092	11	11,097
Chulu	System	1	—	—	3	—	—	—	—	—	—
Luye	System	3	—	—	4	—	—	—	—	—	—
Chihshang	System	—	—	—	3	—	—	—	—	—	—
Guanshan	System	2	—	—	3	—	—	—	—	1	1,000
Dawu	System	—	—	—	3	—	—	—	—	—	—
Jinlun	System	2	—	—	1	—	—	—	—	1	84
Taimali	System	1	—	—	4	—	—	—	—	—	—
Siadasi	System	1	—	—	—	—	—	—	—	—	—
Senyong	System	—	—	—	3	—	—	—	—	—	—
Anshuo	System	—	—	—	1	—	—	—	—	—	—

**Table 17 The Treatment Equipment of Water Supply**

Period & Water Supply System		Water Source				Mixing Tank		Flocculation Basin		Sedimentation Basin	
		Surface Water		Ground Water							
		Artesian Water (Unit)	Extractor (Unit)	Shallow Well (Set)	Deep Well (Set)	No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )
Chenggong	System	—	4	—	—	5	93	2	336	5	4,173
Sinhua	System	1	—	—	—	—	—	—	—	—	—
Aiguopu	System	1	—	—	1	—	—	—	—	—	—
Lyudao	System	—	1	—	2	—	—	—	—	2	677
Lanyu	System	3	—	—	1	—	—	—	—	—	—
Tuban	System	—	—	—	1	—	—	—	—	—	—
Lidao	System	1	—	—	—	—	—	—	—	—	—
<b>11th Branch</b>		<b>—</b>	<b>1</b>	<b>5</b>	<b>187</b>	<b>19</b>	<b>5,363</b>	<b>—</b>	<b>—</b>	<b>8</b>	<b>1,274</b>
Changhua	System	—	1	—	29	—	—	—	—	1	176
Huatan	System	—	—	—	15	—	—	—	—	—	—
Beidou	System	—	—	—	22	5	1,640	—	—	—	—
Erlin	System	—	—	—	18	—	—	—	—	—	—
Lugang	System	—	—	—	25	5	1,551	—	—	—	—
Yuanlin	System	—	—	—	30	3	809	—	—	7	1,098
Ershuei	System	—	—	5	32	—	—	—	—	—	—
Sihu	System	—	—	—	16	6	1,363	—	—	—	—
<b>12th Branch</b>		<b>1</b>	<b>2</b>	<b>—</b>	<b>4</b>	<b>8</b>	<b>913</b>	<b>16</b>	<b>12,309</b>	<b>34</b>	<b>86,556</b>
BanSin	System	1	2	—	4	8	913	16	12,309	34	86,556

Table 17 The Treatment Equipment of Water Supply

Period & Water Supply System	Sand Filter				Finished Water Reservoir		Distribution Reservoir	
	Slow Sand Filter		Rapid Sand Filter		No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )
	No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )				
End of 1974	...	...	...	...	584	375,646	—	—
End of 1975	295	83,481	151	5,802	591	393,218	—	—
End of 1976	308	84,296	175	6,341	633	425,597	—	—
End of 1977	311	84,440	201	7,638	666	472,643	—	—
End of 1978	311	84,500	224	9,186	740	573,836	—	—
End of 1979	309	83,539	232	9,259	765	592,806	—	—
End of 1980	307	82,382	282	11,898	792	721,916	—	—
End of 1981	304	80,340	299	13,319	828	766,714	—	—
End of 1982	308	80,179	324	14,707	896	891,839	—	—
End of 1983	323	80,978	358	15,957	979	986,991	—	—
End of 1984	333	82,647	427	17,439	1,045	1,020,066	—	—
End of 1985	339	83,596	461	21,212	1,100	1,125,468	—	—
End of 1986	345	83,390	484	23,430	1,173	1,364,769	—	—
End of 1987	354	85,076	523	24,474	1,243	1,430,818	—	—
End of 1988	349	75,029	526	24,131	1,280	1,403,295	—	—
End of 1989	353	75,354	548	25,783	1,316	1,478,747	—	—
End of 1990	357	76,887	557	25,622	1,345	1,578,573	—	—
End of 1991	360	77,492	561	25,606	1,390	1,719,535	—	—
End of 1992	358	75,612	601	26,428	1,431	1,774,023	—	—
End of 1993	367	77,144	631	29,041	1,488	1,868,783	—	—
End of 1994	368	80,076	683	36,430	1,513	2,103,574	—	—
End of 1995	366	80,011	741	40,320	1,581	2,489,198	—	—
End of 1996	356	76,405	775	49,149	1,633	2,616,381	—	—
End of 1997	351	76,426	815	54,105	1,671	2,673,016	—	—
End of 1998	337	77,121	865	55,744	1,720	2,914,962	—	—
End of 1999	333	77,032	882	57,209	1,776	2,995,498	—	—
End of 2000	328	76,590	898	57,706	1,804	3,232,521	—	—
End of 2001	327	75,805	919	53,003	1,876	3,382,219	—	—
End of 2002	326	74,160	979	72,276	1,910	3,429,319	—	—
End of 2003	333	74,718	1,046	88,995	1,943	3,649,722	—	—
End of 2004	331	74,438	1,080	91,129	1,950	3,753,600	—	—
End of 2005	336	76,140	1,095	85,781	1,979	3,781,088	—	—
End of 2006	331	73,692	1,166	99,138	1,983	3,854,780	—	—
End of 2007	322	73,335	1,201	103,514	1,988	3,826,563	—	—
End of 2008	310	70,269	1,205	103,479	1,989	3,945,402	—	—
End of 2009	298	71,372	1,204	107,474	769	2,005,792	1,198	1,957,402
End of 2010	282	63,976	1,202	107,422	730	2,085,185	1,236	1,889,821
End of 2011	273	59,051	1,207	106,090	741	2,191,815	1,223	1,871,682
End of 2012	255	56,808	1,216	106,208	757	2,209,410	1,214	1,918,670
End of 2013	240	53,696	1,215	106,312	750	2,247,843	1,207	1,928,810
End of 2014	239	53,696	1,232	108,774	736	2,267,328	1,197	1,929,112
End of 2015	239	53,696	1,237	109,044	737	2,271,348	1,210	1,977,584

Table 17 The Treatment Equipment of Water Supply

Period & Water Supply System	Sand Filter				Finished Water Reservoir		Distribution Reservoir	
	Slow Sand Filter		Rapid Sand Filter		No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )
	No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )				
<b>End of 2016</b>	<b>239</b>	<b>54,062</b>	<b>1,242</b>	<b>109,439</b>	<b>742</b>	<b>2,297,419</b>	<b>1,207</b>	<b>2,009,085</b>
<b>End of 2017</b>	<b>236</b>	<b>53,664</b>	<b>1,280</b>	<b>110,379</b>	<b>746</b>	<b>2,337,873</b>	<b>1,216</b>	<b>2,161,647</b>
<b>End of 2018</b>	<b>224</b>	<b>50,773</b>	<b>1,266</b>	<b>109,765</b>	<b>740</b>	<b>2,331,893</b>	<b>1,217</b>	<b>2,204,687</b>
<b>1st Branch</b>	<b>12</b>	<b>5,564</b>	<b>75</b>	<b>3,716</b>	<b>30</b>	<b>49,114</b>	<b>111</b>	<b>102,400</b>
Keelung System	11	5,372	48	3,232	17	39,614	72	85,050
Pinglin System	1	192	12	101	6	4,400	21	4,300
Danshuei System	—	—	13	377	4	4,500	13	11,550
Jinshan System	—	—	—	—	1	300	2	1,200
Wulai System	—	—	2	6	2	300	3	300
<b>2nd Branch</b>	<b>5</b>	<b>1,470</b>	<b>74</b>	<b>12,635</b>	<b>16</b>	<b>280,596</b>	<b>82</b>	<b>330,895</b>
Shihmen System	3	1,240	74	12,635	14	279,896	82	330,895
Fusing System	2	230	—	—	2	700	—	—
<b>3rd Branch</b>	<b>7</b>	<b>600</b>	<b>95</b>	<b>11,345</b>	<b>32</b>	<b>172,816</b>	<b>160</b>	<b>313,185</b>
Hsinchu System	—	—	47	8,768	10	90,181	40	195,000
Jhudong System	—	—	4	164	2	3,000	12	8,700
Jianshih System	2	150	—	—	1	50	1	50
Meihua System	2	60	—	—	1	50	1	50
Beipu System	—	—	4	240	1	2,000	3	2,500
Wufong System	2	240	—	—	1	300	1	300
Neiwan System	—	—	2	14	2	185	1	100
Sinpu System	1	150	2	54	2	1,500	9	1,800
Miaoli System	—	—	8	288	5	15,100	10	20,650
Dahu System	—	—	—	—	2	350	7	1,650
JhunanToufen System	—	—	10	1,633	2	57,000	11	31,900
Liyutan System	—	—	4	36	—	—	45	42,400
Nanjhuang System	—	—	4	40	1	2,000	10	1,065
Cyonglin System	—	—	4	36	1	400	3	1,520
Guan W. System	—	—	6	72	1	700	6	5,500
<b>4th Branch</b>	<b>18</b>	<b>3,581</b>	<b>189</b>	<b>33,364</b>	<b>123</b>	<b>282,972</b>	<b>230</b>	<b>432,809</b>
Taichung System	—	—	107	12,123	18	179,957	81	379,110
Sinshe System	—	—	8	10,000	1	1,000	9	3,550
Guguan System	—	—	2	54	—	—	1	600
Wufong System	—	—	—	—	3	6,650	9	4,250
Dongshih System	—	—	8	10,000	3	1,500	16	5,330
Jhuolan System	—	—	—	—	—	—	14	3,320
Lishan System	—	—	2	54	—	—	5	700
Puli System	—	—	—	—	8	16,000	4	1,500
Dapingding System	—	—	1	6	1	300	—	—
Wushe System	2	210	1	11	2	800	—	—
Rihyuetan System	11	2,512	3	29	7	1,400	4	3,900
Dehua System	—	—	2	6	1	200	—	—
Dadu System	—	—	6	72	—	—	10	6,330
Nantou System	—	—	3	21	46	28,720	9	4,480
Shueili System	2	364	21	620	4	8,750	22	9,589
Sinyi System	—	—	1	8	1	200	1	200

Table 17 The Treatment Equipment of Water Supply

Period & Water Supply System		Sand Filter				Finished Water Reservoir		Distribution Reservoir	
		Slow Sand Filter		Rapid Sand Filter		No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )
		No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )				
Dajia	System	3	495	8	122	8	10,285	—	—
Waipu	System	—	—	2	14	2	400	—	—
Caotun	System	—	—	—	—	11	20,500	22	6,480
Pingding	System	—	—	—	—	—	—	2	250
Lugu	System	—	—	7	128	2	5,040	12	1,770
Dili	System	—	—	—	—	1	100	—	—
Renlun	System	—	—	—	—	1	70	1	200
Luonuo	System	—	—	1	8	1	100	1	200
Guosing	System	—	—	6	88	2	1,000	7	1,050
<b>5th Branch</b>		<b>26</b>	<b>8,348</b>	<b>209</b>	<b>6,304</b>	<b>93</b>	<b>436,430</b>	<b>135</b>	<b>113,553</b>
Chiayi	System	—	—	52	2,554	24	114,280	74	95,233
Dabang	System	—	—	1	9	2	550	—	—
Dapu	System	—	—	1	22	2	1,400	10	1,200
Yunlin	System	24	8,300	153	3,677	58	251,150	51	17,120
Alishan	System	—	—	1	20	5	68,000	—	—
Leye	System	2	48	1	22	2	1,050	—	—
<b>6th Branch</b>		<b>11</b>	<b>4,100</b>	<b>76</b>	<b>7,644</b>	<b>16</b>	<b>147,120</b>	<b>178</b>	<b>354,804</b>
Tainan	System	11	4,100	74	7,597	14	145,120	162	352,027
NansiYujing	System	—	—	2	47	2	2,000	16	2,777
<b>7th Branch</b>		<b>49</b>	<b>11,189</b>	<b>207</b>	<b>20,735</b>	<b>214</b>	<b>573,576</b>	<b>97</b>	<b>248,002</b>
Kaohsiung	System	4	3,480	151	19,154	27	470,150	42	225,272
Cishan	System	—	—	8	160	34	7,251	—	—
Maolin	System	1	30	—	—	5	380	—	—
Meinong	System	—	—	—	—	10	3,840	—	—
Guangsing	System	—	—	—	—	2	150	—	—
Jiasian	System	—	—	13	77	14	2,440	—	—
Liouguei	System	—	—	2	14	6	900	—	—
Sinwei	System	—	—	—	—	2	300	—	—
Jibei	System	—	—	—	—	—	—	—	—
Dongyuan	System	2	96	—	—	1	1,000	—	—
Pingtung	System	6	3,600	6	324	5	20,200	—	—
Siangtan	System	1	15	—	—	3	180	1	300
Gaoshu	System	—	—	—	—	11	1,660	—	—
Gaoshih	System	2	90	—	—	2	100	—	—
Sandi	System	4	696	—	—	—	—	5	990
Muzih	System	3	255	1	7	3	370	—	—
Nanhe	System	—	—	—	—	4	1,000	—	—
Sihchun	System	—	—	—	—	1	150	—	—
Singuo	System	—	—	—	—	—	—	1	50
Magong	System	—	—	5	102	3	8,600	14	10,230
Lun E.	System	—	—	1	25	3	670	—	—
Majia	System	—	—	—	—	—	—	2	65
Minzu	System	—	—	—	—	—	—	—	—
Minsheng	System	—	—	1	8	1	200	—	—
Baolai	System	—	—	2	12	7	550	—	—
Jiasing	System	4	96	—	—	1	50	—	—
Wutan	System	—	—	—	—	5	2,400	1	100
Laiyi	System	—	—	1	30	4	1,100	1	100

Table 17 The Treatment Equipment of Water Supply

Period & Water Supply System		Sand Filter				Finished Water Reservoir		Distribution Reservoir	
		Slow Sand Filter		Rapid Sand Filter		No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )
		No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )				
Beishih	System	—	—	—	—	2	2,500	—	—
Wutai	System	—	—	—	—	—	—	2	230
Wuda	System	—	—	—	—	—	—	1	50
Mudan	System	14	2,059	16	822	43	41,955	2	5,200
Duona	System	2	40	—	—	1	50	—	—
Cinhe	System	2	100	—	—	4	230	—	—
Baisha	System	2	192	—	—	6	2,200	15	2,685
Dewun	System	—	—	—	—	—	—	—	—
Meilan	System	—	—	—	—	—	—	—	—
Wang-an	System	—	—	—	—	2	1,000	3	330
Siyu	System	2	440	—	—	1	1,500	6	1,900
Cimei	System	—	—	—	—	1	500	1	500
<b>8th Branch</b>		<b>8</b>	<b>2,492</b>	<b>45</b>	<b>1,663</b>	<b>35</b>	<b>77,415</b>	<b>27</b>	<b>18,772</b>
Yilan	System	6	2,108	15	488	12	26,482	8	3,960
Luodong	System	2	384	16	1,013	14	47,203	17	14,512
Nan-ao	System	—	—	—	—	1	500	—	—
Songluo	System	—	—	9	153	1	2,000	1	200
Yingshih	System	—	—	1	1	1	30	—	—
Sihji	System	—	—	1	2	1	100	—	—
Nanshan	System	—	—	1	2	1	500	1	100
Dongao	System	—	—	1	3	1	100	—	—
Jinyang	System	—	—	1	1	1	50	—	—
Aohua	System	—	—	—	—	2	450	—	—
<b>9th Branch</b>		<b>33</b>	<b>7,237</b>	<b>23</b>	<b>1,574</b>	<b>27</b>	<b>48,550</b>	<b>64</b>	<b>22,185</b>
Hualien	System	14	4,687	8	1,176	7	34,000	22	12,910
Heping	System	2	89	—	—	—	—	3	700
Shueilian	System	2	96	—	—	—	—	1	100
Fonglin	System	3	437	10	363	7	5,500	12	2,950
Fongbin	System	—	—	2	6	1	300	6	425
Rueisuei	System	6	1,346	—	—	2	1,100	2	1,200
Fuyuan	System	4	356	—	—	3	350	4	500
Gangkou	System	—	—	2	18	1	1,000	1	200
Yuli	System	—	—	—	—	5	6,050	6	1,150
Fuli	System	—	—	1	11	1	250	3	950
Chihnan	System	2	226	—	—	—	—	3	800
Songpu	System	—	—	—	—	—	—	1	300
<b>10th Branch</b>		<b>49</b>	<b>5,396</b>	<b>31</b>	<b>803</b>	<b>76</b>	<b>43,016</b>	<b>28</b>	<b>7,380</b>
Taitung	System	7	2,644	14	374	10	19,300	4	310
Chulu	System	2	120	—	—	5	545	1	300
Luye	System	4	360	1	20	14	2,115	1	100
Chihshang	System	—	—	1	17	3	1,450	—	—
Guanshan	System	2	465	1	17	5	1,680	1	100
Dawu	System	—	—	—	—	—	—	4	1,000
Jinlun	System	4	160	1	5	4	360	1	50
Taimali	System	4	153	1	5	7	1,516	4	320
Siadasi	System	2	60	—	—	2	130	—	—
Senyong	System	—	—	—	—	2	515	—	—
Anshuo	System	—	—	—	—	1	100	2	120

Table 17 The Treatment Equipment of Water Supply

Period & Water Supply System		Sand Filter				Finished Water Reservoir		Distribution Reservoir	
		Slow Sand Filter		Rapid Sand Filter		No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )
		No. of Basins	Capacity (M <sup>3</sup> )	No. of Basins	Capacity (M <sup>3</sup> )				
Chenggong	System	5	210	12	365	10	12,500	9	5,030
Sinhua	System	2	48	—	—	2	210	—	—
Aiguopu	System	2	48	—	—	1	25	—	—
Lyudao	System	4	796	—	—	2	2,000	1	50
Lanyu	System	7	220	—	—	6	420	—	—
Tuban	System	2	32	—	—	1	100	—	—
Lidao	System	2	80	—	—	1	50	—	—
<b>11th Branch</b>		<b>2</b>	<b>396</b>	<b>208</b>	<b>4,236</b>	<b>72</b>	<b>164,218</b>	<b>43</b>	<b>134,740</b>
Changhua	System	—	—	44	644	10	23,800	19	119,900
Huatan	System	—	—	16	230	9	8,220	—	—
Beidou	System	—	—	45	1,261	11	25,000	3	6,500
Erlin	System	—	—	20	222	9	12,600	—	—
Lugang	System	—	—	31	435	7	38,900	2	1,650
Yuanlin	System	—	—	8	858	7	22,200	12	1,460
Ershuei	System	2	396	12	150	11	11,798	7	5,230
Sihu	System	—	—	32	436	8	21,700	—	—
<b>12th Branch</b>		<b>4</b>	<b>400</b>	<b>34</b>	<b>5,746</b>	<b>6</b>	<b>56,070</b>	<b>62</b>	<b>125,962</b>
BanSin	System	4	400	34	5,746	6	56,070	62	125,962

Table18 Length of Main Distribution Pipes

(1) Classified by Meter Diameter

Unit: M

Period & Water Supply System	Meter Diameter									
	Total	below 65mm	80 mm	100 mm	125 mm	150 mm	200 mm	250 mm	300 mm	350 mm
End of 1974	...	...	...	...	...	...	...	...	...	...
End of 1975	8,079,375	2,333,772	1,288,458	1,692,010	236,395	867,564	521,571	308,781	266,084	117,571
End of 1976	9,021,977	2,649,542	1,339,051	1,869,232	238,293	1,007,192	592,692	346,574	299,482	132,280
End of 1977	10,852,335	3,146,489	1,657,970	2,118,031	302,524	1,223,362	722,886	426,004	362,326	174,926
End of 1978	12,709,150	3,665,867	1,926,292	2,392,588	392,121	1,426,754	910,030	489,935	435,212	223,864
End of 1979	13,774,979	4,004,368	2,121,468	2,571,770	408,871	1,574,332	991,958	533,416	450,153	231,528
End of 1980	15,438,742	4,614,701	2,394,192	2,783,768	479,146	1,778,240	1,126,941	583,650	472,991	245,542
End of 1981	18,056,042	5,593,521	2,805,668	3,225,722	537,093	2,048,435	1,273,612	690,874	541,985	271,575
End of 1982	20,574,131	6,289,817	3,182,923	3,680,773	630,421	2,394,147	1,496,474	788,246	618,128	307,327
End of 1983	21,911,430	6,367,635	3,402,512	3,961,777	684,593	2,620,339	1,662,329	875,748	688,863	338,740
End of 1984	23,762,747	6,890,301	3,698,183	4,308,801	726,192	2,826,265	1,798,725	957,006	760,591	371,354
End of 1985	25,451,853	7,263,585	3,945,378	4,585,115	805,172	3,081,935	1,942,140	1,024,795	814,523	418,269
End of 1986	23,427,260	6,190,296	2,847,807	4,484,839	737,993	3,398,955	2,058,243	1,194,253	772,826	373,280
End of 1987	24,943,646	6,419,431	3,083,220	4,816,793	768,116	3,663,419	2,174,942	1,298,381	849,104	411,897
End of 1988	26,470,867	6,663,213	3,317,058	5,103,235	811,510	3,941,118	2,291,020	1,371,782	922,469	448,947
End of 1989	27,651,222	6,870,804	3,494,041	5,336,028	837,332	4,122,853	2,398,220	1,420,315	969,259	463,578
End of 1990	29,064,115	7,012,907	3,732,945	5,673,567	871,742	4,364,436	2,508,381	1,477,833	1,017,655	491,059
End of 1991	30,229,605	7,267,471	4,008,926	6,122,015	876,016	4,606,291	2,429,787	1,344,841	1,072,192	462,364
End of 1992	31,786,135	6,724,066	5,039,936	6,555,877	874,320	4,900,861	2,545,693	1,406,155	1,118,966	475,917
End of 1993	33,886,389	6,814,461	5,319,722	7,191,004	867,466	5,374,972	2,751,768	1,494,667	1,217,689	524,528
End of 1994	37,744,658	7,044,487	5,735,969	8,342,596	885,516	6,173,647	3,232,655	1,646,213	1,451,479	581,647
End of 1995	40,869,561	7,055,092	5,933,864	9,313,822	874,686	6,798,144	3,698,010	1,688,180	1,851,379	568,048
End of 1996	43,146,313	7,062,397	6,044,419	10,036,843	871,193	7,319,978	4,024,930	1,710,784	2,087,168	568,188
End of 1997	45,499,646	7,036,197	6,164,898	11,192,864	855,391	7,706,467	4,471,190	1,645,425	2,242,477	539,512
End of 1998	48,665,308	7,084,327	6,337,073	12,457,707	908,372	8,267,757	4,992,195	1,609,599	2,471,085	544,279
End of 1999	50,734,307	7,028,729	6,557,502	13,140,711	896,565	8,667,604	5,436,747	1,597,365	2,670,967	540,525
End of 2000	52,515,327	6,913,475	6,521,742	13,784,875	861,777	8,948,088	5,938,681	1,567,243	2,934,994	535,908
End of 2001	54,006,418	6,926,719	6,542,314	14,279,756	881,227	9,182,093	6,275,543	1,568,382	3,118,873	534,392
End of 2002	54,983,300	6,913,361	6,308,916	14,698,520	884,735	9,340,143	6,611,231	1,559,105	3,283,265	532,521
End of 2003	56,577,374	6,871,447	6,161,170	15,512,021	852,289	9,652,869	7,017,910	1,500,893	3,475,835	493,590
End of 2004	57,033,057	7,092,475	5,974,376	15,715,032	808,572	9,689,574	7,212,123	1,489,874	3,526,559	470,842
End of 2005	55,760,564	6,455,219	5,638,454	15,578,601	768,242	9,495,935	7,237,988	1,380,898	3,593,502	452,960
End of 2006	55,285,721	5,518,341	5,544,093	15,811,851	737,206	9,488,223	7,443,189	1,343,145	3,748,105	429,093
End of 2007	55,356,525	5,203,956	5,361,811	15,957,375	717,751	9,491,363	7,682,885	1,310,377	3,861,527	419,620
End of 2008	55,788,718	5,151,312	5,308,267	16,158,364	694,252	9,580,638	7,857,450	1,286,000	3,958,966	413,257
End of 2009	56,256,609	4,962,685	5,194,846	16,647,750	646,228	9,399,588	8,185,639	1,255,895	4,079,231	403,170
End of 2010	57,210,278	4,716,070	5,084,034	17,236,919	592,882	9,337,010	8,732,445	1,217,133	4,288,699	396,107
End of 2011	57,753,289	4,592,412	4,993,640	17,771,040	577,499	9,128,631	9,015,290	1,171,087	4,415,831	393,439
End of 2012	58,123,243	4,407,925	4,846,083	18,197,400	555,341	8,981,853	9,302,751	1,146,841	4,508,698	389,499
End of 2013	58,944,243	4,369,304	4,798,440	18,621,466	547,281	8,942,027	9,635,819	1,133,035	4,629,240	389,167
End of 2014	59,287,713	4,294,401	4,717,136	18,926,268	536,888	8,811,266	9,895,760	1,102,986	4,723,381	384,928
End of 2015	59,971,979	4,249,486	4,623,277	19,331,650	531,146	8,720,073	10,212,973	1,073,744	4,855,876	379,636
End of 2016	60,539,411	4,172,951	4,518,840	19,760,934	510,480	8,584,060	10,538,875	1,054,699	4,956,201	373,052

Table18 Length of Main Distribution Pipes

(1) Classified by Meter Diameter

Unit: M

Period & Water Supply System		Meter Diameter									
		Total	below 65mm	80 mm	100 mm	125 mm	150 mm	200 mm	250 mm	300 mm	350 mm
<b>End of 2017</b>		<b>61,457,604</b>	<b>4,116,935</b>	<b>4,453,109</b>	<b>20,397,056</b>	<b>498,211</b>	<b>8,488,235</b>	<b>10,903,988</b>	<b>1,031,000</b>	<b>5,074,267</b>	<b>361,187</b>
<b>End of 2018</b>		<b>62,368,796</b>	<b>4,049,306</b>	<b>4,376,974</b>	<b>21,015,596</b>	<b>482,298</b>	<b>8,360,293</b>	<b>11,271,790</b>	<b>1,004,765</b>	<b>5,192,202</b>	<b>355,389</b>
<b>1st Branch</b>		<b>2,103,752</b>	<b>67,821</b>	<b>129,165</b>	<b>525,837</b>	<b>11,601</b>	<b>305,246</b>	<b>336,343</b>	<b>49,321</b>	<b>293,550</b>	<b>18,363</b>
Keelung	Service Center	582,094	17,142	36,607	142,452	3,318	94,417	101,602	11,621	65,091	5,781
RueiFang	Operations Station	174,126	12,607	9,473	58,080	4,605	23,878	15,561	7,139	12,618	3,289
SiJih	Operations Station	167,153	1,368	3,229	33,330	—	13,980	31,129	5,751	27,587	3,932
DanShuei	Operations Station	567,893	1,313	23,792	160,789	60	89,265	101,994	8,709	83,735	3,071
WanJin	Operations Station	163,555	5,965	18,385	42,667	2,563	21,401	28,255	5,925	35,798	—
WunShan	Operations Station	274,130	24,390	31,010	62,175	982	40,320	48,637	3,171	39,426	8
GongLiao	Operations Station	119,294	3,636	6,020	24,540	73	20,986	8,845	6,624	26,315	1,810
Sinshan	Water Treatment Plant	55,507	1,400	649	1,805	—	999	321	381	2,980	472
<b>2nd Branch</b>		<b>6,088,966</b>	<b>216,952</b>	<b>481,404</b>	<b>2,117,664</b>	<b>14,874</b>	<b>859,514</b>	<b>1,092,622</b>	<b>120,140</b>	<b>524,915</b>	<b>30,158</b>
Guishan	Service Center	288,660	4,921	8,915	83,446	9,857	28,735	75,643	3,235	50,261	4,870
Taoyuan	Service Center	1,071,187	37,093	89,480	294,547	574	192,882	277,069	20,936	116,072	9,522
Chunglee	Service Center	955,548	27,624	101,385	287,956	3,784	167,327	195,926	31,617	129,223	2,671
Yangmei	Service Center	992,792	27,985	86,106	382,931	520	173,980	180,656	50,467	80,528	77
Dayuan	Service Center	1,486,485	92,660	135,672	807,059	—	209,663	183,013	2,487	39,263	32
Linko	Service Center	243,400	8,025	6,505	78,837	68	25,659	94,258	827	25,919	—
Daxi	Service Center	—	—	—	—	—	—	—	—	—	—
Longtan	Water Treatment Plant	564,165	18,644	52,984	182,435	71	60,947	84,629	10,556	83,095	5,019
Pingjhen	Water Treatment Plant	266,987	—	—	—	—	179	288	15	340	7,806
Danan	Water Treatment Plant	219,742	—	357	454	—	144	1,140	—	216	161
<b>3rd Branch</b>		<b>5,383,036</b>	<b>328,028</b>	<b>300,655</b>	<b>2,204,337</b>	<b>17,446</b>	<b>504,894</b>	<b>1,000,862</b>	<b>46,039</b>	<b>459,355</b>	<b>15,011</b>
Hsinchu	Service Center	35,323	496	75	23,559	—	1,990	8,793	—	410	—
Chutung	Operations Station	386,860	58,818	34,575	165,297	4,062	42,788	36,444	4,510	21,528	1,877
Hukou	Operations Station	493,562	15,571	16,555	210,359	—	50,324	94,222	2,806	37,312	5,554
Chunan Toufen	Operations Station	707,632	37,662	51,476	346,005	594	67,933	135,855	1,205	61,283	—
Miaoli	Operations Station	774,710	35,995	39,430	370,936	628	48,112	155,877	9,716	63,455	1,468
Tongsiao Tonglue	Operations Station	1,039,789	110,075	64,123	482,990	4,870	52,806	184,453	3,093	26,997	2,823
Jhubei	Operations Station	801,970	30,861	57,073	309,310	7,292	54,017	173,540	7,649	95,847	418
Hsinchu	Water Treatment Plant	1,044,501	38,511	37,078	290,321	—	186,633	209,072	17,035	147,616	2,111
Baoshan	Water Treatment Plant	29,248	16	270	5,542	—	104	2,318	—	4,591	396
Dongsing	Water Treatment Plant	69,443	24	—	19	—	186	288	25	317	364
<b>4th Branch</b>		<b>9,073,256</b>	<b>365,849</b>	<b>477,433</b>	<b>3,124,602</b>	<b>72,184</b>	<b>1,495,509</b>	<b>1,710,521</b>	<b>162,610</b>	<b>828,783</b>	<b>39,946</b>
Taichung	Service Center	1,864	108	50	1,448	—	258	—	—	—	—
Fongyuan	Service Center	12	12	—	—	—	—	—	—	—	—
Dali	Service Center	22	10	12	—	—	—	—	—	—	—
Cingshuei	Operations Station	358,346	27,322	3,506	117,042	—	64,402	75,574	10,198	44,074	2,005
Dajia	Operations Station	589,055	32,671	25,006	281,687	—	51,892	142,454	1,912	39,687	324
Nantou	Operations Station	623,321	17,995	29,151	179,361	6,989	123,217	123,739	21,524	66,603	924
Caotun	Operations Station	452,157	5,294	33,117	180,722	392	90,521	78,071	8,545	43,010	2,680
jhushan	Operations Station	306,572	23,844	21,723	78,375	6,488	43,507	80,254	724	25,757	43
Shalu	Operations Station	311,971	57,521	24,231	100,203	3,372	43,379	32,814	6,438	9,407	492
Dongshin	Operations Station	563,233	58,319	81,890	230,020	3,134	75,817	53,862	8,354	39,551	24
Wufong	Operations Station	261,372	19,065	8,564	86,606	1,222	36,407	70,745	2,745	13,897	98
Wurih	Operations Station	225,341	7,423	13,282	89,989	—	64,370	30,616	7,197	8,977	—
Puli	Operations Station	397,440	5,689	16,199	146,757	14,637	72,365	92,835	10,817	22,747	1,755
Shueili	Operations Station	920,965	22,494	39,223	329,623	1,582	114,811	183,301	9,180	70,099	6,138
Daya	Operations Station	433,058	21,997	40,712	187,001	2,393	39,891	79,074	5,078	36,022	346
Fongyuan	Water Treatment Plant	827,776	16,340	48,341	265,720	1	139,691	146,202	15,086	88,428	4,891
Taichung	Water Treatment Plant	2,387,152	22,705	61,607	687,913	31,467	492,756	456,484	47,380	290,321	17,100
Liyutan	Water Treatment Plant	413,599	27,041	30,818	162,137	507	42,226	64,497	7,432	30,203	3,126

Table18 Length of Main Distribution Pipes

(1) Classified by Meter Diameter

Unit: M

Period & Water Supply System		Meter Diameter									
		Total	below 65mm	80 mm	100 mm	125 mm	150 mm	200 mm	250 mm	300 mm	350 mm
<b>5th Branch</b>		<b>7,963,135</b>	<b>636,663</b>	<b>808,557</b>	<b>2,507,852</b>	<b>154,444</b>	<b>1,133,444</b>	<b>1,278,614</b>	<b>173,091</b>	<b>516,918</b>	<b>55,878</b>
Chiayi	Service Center	48,997	34,092	4,801	5,647	—	4,261	196	—	—	—
Yijhu	Service Center	605,682	89,463	82,073	168,813	18,299	74,570	63,313	10,403	29,811	11,032
Puzih	Service Center	416,232	45,273	51,294	136,028	8,814	63,403	57,253	1,548	12,720	6,534
Douliou	Service Center	538,940	17,685	28,619	213,748	8,397	117,934	86,125	6,898	33,292	1,989
Minsyong	Operations Station	507,403	21,388	34,062	140,757	7,581	81,902	117,208	9,027	50,081	1,786
Beigang	Operations Station	658,052	129,006	68,154	144,645	28,508	89,137	127,357	21,709	27,557	8,271
Huwei	Service Center	923,356	56,784	115,298	342,675	10,598	129,393	156,256	9,853	65,467	6,014
Siluo	Service Center	684,308	46,139	128,336	227,718	10,259	93,690	125,765	14,300	27,147	199
Taisi	Operations Station	579,761	63,753	72,643	204,952	13,015	64,272	85,999	9,965	62,650	363
Gukeng	Operations Station	380,845	25,040	25,428	156,540	11,397	38,802	87,991	9,994	12,378	16
Douan	Operations Station	367,060	9,605	27,944	133,944	14,048	66,877	42,498	34,981	27,541	66
Singang	Operations Station	397,518	29,246	55,091	114,496	19,055	31,552	59,120	7,950	53,905	—
Jhuci	Operations Station	539,103	33,605	67,545	213,977	—	65,962	91,784	14,848	24,779	3,868
Chiayi	Water Treatment Plant	1,032,757	35,584	45,043	303,912	4,463	209,619	174,553	21,486	85,358	15,132
Yunlin	Water Treatment Plant	283,121	—	2,226	—	10	2,070	3,196	129	4,232	608
<b>6th Branch</b>		<b>7,838,258</b>	<b>833,283</b>	<b>482,421</b>	<b>2,130,823</b>	<b>75,495</b>	<b>1,543,905</b>	<b>1,315,520</b>	<b>139,583</b>	<b>555,778</b>	<b>44,101</b>
Tainan	Service Center	305,526	37,450	27,836	49,191	8,581	67,487	55,172	20,381	20,774	6,945
Gueiren	Service Center	718,072	78,316	29,915	190,858	1,923	195,010	130,555	12,124	57,958	4,936
Jiali	Service Center	1,312,226	126,765	51,154	334,083	6,079	427,844	226,717	24,263	96,557	759
Yongkang	Service Center	386,914	24,800	23,547	56,388	8,288	99,150	112,708	7,211	53,029	—
Sinshih	Service Center	1,048,892	212,537	71,718	321,957	14,356	143,942	174,461	10,145	93,983	2,324
Madou	Service Center	696,852	87,621	75,397	262,880	3,023	117,135	117,981	7,424	16,852	—
Sinying	Operations Station	588,497	69,065	36,425	176,879	5,884	79,829	118,124	11,276	62,356	11,474
Baihe	Operations Station	593,200	92,419	46,566	178,710	4,779	56,587	114,387	21,604	36,636	238
Yujing	Operations Station	561,406	90,164	60,178	203,269	19,916	88,886	52,573	6,937	18,261	3,533
Wushantou	Water Treatment Plant	201,356	—	—	—	—	—	41	—	3,666	13
Nanhua	Water Treatment Plant	46,459	56	—	49	—	6,754	1,198	—	171	—
Tainan	Water Treatment Plant	1,377,024	14,090	59,685	356,559	2,666	261,281	211,603	18,218	95,536	13,879
Nanhua and Jingmain Reservoir Management Center		1,834	—	—	—	—	—	—	—	—	—
<b>7th Branch</b>		<b>10,796,798</b>	<b>754,453</b>	<b>780,789</b>	<b>3,743,611</b>	<b>63,166</b>	<b>1,521,081</b>	<b>1,774,759</b>	<b>186,282</b>	<b>507,815</b>	<b>76,312</b>
Sightseeing	Section	5,959	—	488	1,711	—	1,155	904	1,524	177	—
Fongshan	Service Center	66,285	53,607	—	8,778	—	403	3,485	—	—	—
Lujhu	Service Center	564,608	90,956	68,727	182,055	7,426	64,957	110,420	36,178	3,889	—
Gangshan	Service Center	632,295	55,869	70,126	180,563	5,918	143,103	161,418	10,289	5,009	—
Nanzih	Service Center	681,829	29,228	30,279	282,648	2,198	127,186	199,162	4,364	2,625	665
Kaohsiung	Service Center	132,758	69,335	10,980	22,209	—	10,127	11,429	634	6,509	408
Cishan	Operations Station	518,853	72,359	48,371	217,975	275	23,682	86,328	8,338	45,209	4,684
Pingtung	Operations Station	827,489	53,788	76,587	314,299	10,141	91,860	175,012	12,138	47,173	768
Dongnag	Operations Station	1,094,123	75,616	89,007	374,009	9,517	165,188	196,286	10,824	34,109	604
Hengchun	Operations Station	467,812	84,514	46,540	152,822	6,596	82,833	82,416	5,950	300	—
Gaoshu	Operations Station	178,636	24,303	12,399	83,020	26	24,167	34,313	—	408	—
Meinong	Operations Station	423,523	52,323	45,975	155,017	4,959	55,064	95,360	2,157	11,741	120
Penghu	Operations Station	621,102	63,405	77,289	227,209	2,316	104,675	79,064	1,139	27,762	14,930
Dagangshan	Water Treatment Plant	439,792	1,534	—	—	—	2,368	2,385	—	68,301	19,106
Chengcing Lake	Water Treatment Plant	2,340,317	21,756	93,881	1,122,286	6,064	337,531	235,186	49,410	135,840	6,197
Pingding	Water Treatment Plant	212,115	955	4,635	47,617	2,104	27,890	62,544	3,220	14,023	—
Kaotan	Water Treatment Plant	1,081,920	483	86,510	294,825	5,092	227,798	211,132	36,299	28,028	15,539
Fongshan	Water Treatment Plant	383,547	4,422	18,995	76,547	534	30,644	27,109	3,818	43,476	2,998
Mudan	Water Treatment Plant	99,948	—	—	21	—	144	17	—	33,236	10,293
Kaohsiung	Water Treatment Plant	23,888	—	—	—	—	307	790	—	—	—

**Table18 Length of Main Distribution Pipes**

(1) Classified by Meter Diameter

Unit: M

Period & Water Supply System	Meter Diameter									
	Total	below 65mm	80 mm	100 mm	125 mm	150 mm	200 mm	250 mm	300 mm	350 mm
<b>8th Branch</b>	<b>2,599,631</b>	<b>226,155</b>	<b>237,905</b>	<b>870,182</b>	<b>11,573</b>	<b>169,220</b>	<b>364,325</b>	<b>20,056</b>	<b>434,771</b>	<b>13,859</b>
Guangsing Water Treatment Plant	1,360,471	94,847	166,944	420,678	6,702	87,671	183,882	11,611	254,012	6,357
Shengou Water Treatment Plant	1,239,160	131,308	70,961	449,504	4,871	81,549	180,443	8,445	180,759	7,502
<b>9th Branch</b>	<b>1,892,101</b>	<b>58,571</b>	<b>83,645</b>	<b>760,252</b>	<b>31,938</b>	<b>91,915</b>	<b>512,766</b>	<b>14,742</b>	<b>138,624</b>	<b>18,267</b>
Hualien Service Center	7,966	2,913	4,051	1,002	—	—	—	—	—	—
JianShoufong Service Center	1,172	1,172	—	—	—	—	—	—	—	—
Fenglin Operations Station	393,630	7,700	11,752	195,574	10,312	20,234	113,056	856	15,916	1,155
Yuli Operations Station	385,681	19,618	13,056	182,677	5,881	13,096	104,935	2,702	20,075	—
Hualien Water Treatment Plant	1,103,651	27,168	54,786	380,999	15,745	58,585	294,775	11,184	102,633	17,112
<b>10th Branch</b>	<b>1,683,645</b>	<b>55,455</b>	<b>106,051</b>	<b>697,625</b>	<b>6,318</b>	<b>220,892</b>	<b>437,615</b>	<b>10,615</b>	<b>67,814</b>	<b>5,300</b>
Taitung Operations Station	835,419	34,387	65,596	319,259	1,719	86,248	208,629	6,120	45,185	5,300
Chihshang Operations Station	361,098	16,715	30,811	186,208	1,716	52,829	71,093	—	1,727	—
Chenggong Operations Station	305,977	1,335	1,598	101,227	557	43,778	121,443	4,495	19,813	—
Taimali Water Treatment Plant	181,151	3,018	8,046	90,932	2,326	38,037	36,451	—	1,089	—
<b>11th Branch</b>	<b>5,152,312</b>	<b>457,291</b>	<b>453,501</b>	<b>2,081,213</b>	<b>22,798</b>	<b>347,614</b>	<b>871,786</b>	<b>30,787</b>	<b>522,615</b>	<b>25,440</b>
Changhua Service Center	16,732	5,641	5,461	5,193	—	189	—	—	248	—
Yuanlin Operations Station	301,086	19,994	14,851	132,793	27	13,513	55,230	750	47,942	780
Beidou Operations Station	849,710	50,996	64,371	384,317	524	51,329	166,578	1,029	72,735	3,310
Ershuei Operations Station	448,259	6,414	15,607	161,667	89	18,954	132,723	3,168	80,550	2,719
Lugang Operations Station	669,421	54,926	67,794	264,454	4,185	41,401	104,566	8,741	66,418	861
Erlin Operations Station	744,835	158,357	85,813	258,346	2,567	46,983	74,085	3,589	75,213	18
Sihu Operations Station	673,292	48,824	58,961	304,864	1,766	75,143	95,779	1,672	45,441	6,526
Huatan Operations Station	331,471	29,161	33,994	141,643	1,140	15,047	66,973	2,467	33,954	—
Changhua Water Treatment Plant	1,117,506	82,978	106,649	427,936	12,500	85,055	175,852	9,371	100,114	11,226
<b>12th Branch</b>	<b>1,793,906</b>	<b>48,785</b>	<b>35,448</b>	<b>251,597</b>	<b>461</b>	<b>167,061</b>	<b>576,057</b>	<b>51,499</b>	<b>341,263</b>	<b>12,754</b>
Banchiau Service Center	294,954	4,582	733	32,209	—	40,495	138,087	11,898	65,121	678
Hsin-chuang Service Center	246,170	6,633	2,878	38,029	—	27,632	110,159	8,030	52,773	—
Lujou Service Center	201,752	4,870	1,603	42,089	—	13,731	63,067	11,225	61,393	30
Shulin Service Center	152,670	3,182	6,919	28,727	305	18,939	57,580	2,157	34,701	—
Yingge Service Center	249,347	9,799	9,029	53,224	156	21,258	90,181	12,228	53,278	—
Tucheng Service Center	140,416	2,158	2,435	27,500	—	27,026	39,069	5,176	37,052	—
Taisan Operations Station	178,866	15,731	11,570	27,161	—	17,569	74,538	338	31,553	—
Bansin Water Treatment Plant	329,733	1,830	281	2,659	—	411	3,376	447	5,392	12,046

Table18 Length of Main Distribution Pipes

(1) Classified by Meter Diameter

Unit: M

Period & Water Supply System	Meter Diameter								
	400 mm	450 mm	500 mm	600 mm	700 mm	800 mm	900 mm	1000 mm	over 1110mm
End of 1974	...	...	...	...	...	...	...	...	...
End of 1975	130,746	42,953	97,270	61,908	37,754	35,643	15,156	13,817	11,922
End of 1976	149,876	45,020	126,228	86,587	37,814	36,667	21,520	17,247	26,680
End of 1977	184,305	45,962	153,855	138,502	53,570	49,491	37,009	20,951	34,172
End of 1978	210,126	49,605	178,321	174,022	60,004	68,496	40,028	21,703	44,182
End of 1979	230,415	51,410	179,106	179,982	61,409	68,922	43,684	24,606	47,581
End of 1980	243,069	56,023	180,130	187,561	63,468	75,810	48,388	27,693	77,429
End of 1981	273,353	54,912	192,736	216,130	69,084	100,284	49,141	28,525	83,392
End of 1982	291,213	63,270	215,521	239,601	74,822	105,403	53,762	34,490	107,793
End of 1983	319,607	73,955	234,350	267,478	81,354	109,044	58,309	37,252	127,545
End of 1984	335,214	84,651	244,822	292,117	85,747	135,942	58,507	39,417	148,912
End of 1985	356,359	97,444	285,864	308,828	91,010	149,520	65,677	39,604	176,635
End of 1986	296,643	73,507	222,703	291,003	88,222	135,557	50,193	41,342	169,598
End of 1987	316,898	77,441	232,310	298,348	92,519	151,297	58,507	46,163	184,860
End of 1988	336,198	87,458	259,557	317,903	106,408	154,563	65,286	82,694	190,448
End of 1989	366,761	90,168	286,064	339,644	116,386	159,695	67,282	93,752	219,040
End of 1990	416,184	94,661	315,349	369,886	126,519	168,981	68,582	114,660	238,768
End of 1991	467,510	99,861	332,094	387,285	127,008	171,072	69,391	121,222	264,259
End of 1992	522,011	105,280	351,702	388,329	134,624	169,246	78,212	126,550	268,390
End of 1993	565,922	109,762	395,372	406,827	142,182	174,387	83,658	136,654	315,348
End of 1994	664,815	128,051	443,803	422,605	159,450	211,176	100,903	153,646	366,000
End of 1995	805,417	136,216	519,403	497,046	199,428	243,136	108,702	171,487	407,501
End of 1996	895,171	140,357	583,451	540,713	208,217	285,049	130,507	185,279	451,669
End of 1997	979,805	141,772	598,770	573,223	220,606	293,424	137,129	206,846	493,650
End of 1998	1,078,232	161,740	624,932	597,604	232,629	324,818	151,200	229,262	592,497
End of 1999	1,154,360	156,792	649,974	638,466	236,304	337,952	155,641	242,018	626,085
End of 2000	1,237,445	154,363	715,980	677,663	251,777	348,852	168,913	272,595	680,956
End of 2001	1,281,112	154,890	759,829	717,739	251,975	352,729	171,346	287,057	720,442
End of 2002	1,316,002	154,879	787,884	729,127	259,915	361,912	178,962	299,200	763,622
End of 2003	1,360,162	152,420	819,100	750,284	271,024	376,922	181,118	318,674	809,646
End of 2004	1,355,415	123,097	843,743	754,678	273,549	383,428	201,585	328,935	789,200
End of 2005	1,366,392	119,818	847,955	770,051	281,609	383,220	214,572	357,124	818,024
End of 2006	1,402,754	113,295	855,600	782,863	284,271	392,567	214,438	361,528	815,159
End of 2007	1,434,609	112,984	867,482	793,265	285,057	396,509	215,652	379,476	864,826
End of 2008	1,450,901	110,170	872,441	803,968	285,258	404,493	221,997	386,746	844,238
End of 2009	1,465,842	107,455	883,537	808,011	280,221	424,210	221,663	387,462	903,177
End of 2010	1,505,211	102,945	900,080	833,050	280,425	437,753	221,272	399,678	928,566
End of 2011	1,527,308	102,083	883,650	859,313	283,275	442,477	220,739	404,147	971,428
End of 2012	1,538,643	102,083	892,360	894,554	285,785	447,001	220,891	407,502	998,034
End of 2013	1,556,078	101,598	897,957	920,432	285,984	455,209	220,866	418,037	1,022,303
End of 2014	1,553,904	101,598	902,832	924,874	286,157	458,693	220,018	416,526	1,030,096
End of 2015	1,583,049	101,598	909,164	959,418	286,491	466,129	220,296	416,505	1,051,468
End of 2016	1,592,453	101,469	912,788	971,609	286,389	480,725	217,841	421,789	1,084,256

Table18 Length of Main Distribution Pipes

(1) Classified by Meter Diameter

Unit: M

Period & Water Supply System		Meter Diameter								over 1110mm
		400 mm	450 mm	500 mm	600 mm	700 mm	800 mm	900 mm	1000 mm	
<b>End of 2017</b>		<b>1,597,104</b>	<b>100,777</b>	<b>932,912</b>	<b>980,553</b>	<b>287,401</b>	<b>486,752</b>	<b>221,039</b>	<b>428,046</b>	<b>1,099,034</b>
<b>End of 2018</b>		<b>1,624,947</b>	<b>100,807</b>	<b>945,511</b>	<b>998,291</b>	<b>287,643</b>	<b>498,013</b>	<b>222,381</b>	<b>434,618</b>	<b>1,147,972</b>
<b>1st Branch</b>		<b>120,521</b>	<b>8,167</b>	<b>57,751</b>	<b>57,587</b>	<b>12,578</b>	<b>28,202</b>	<b>13,364</b>	<b>53,555</b>	<b>14,781</b>
Keelung	Service Center	35,345	4,988	10,295	24,721	6,407	10,205	7,287	4,778	38
RueiFang	Operations Station	10,853	—	862	—	—	—	3,294	10,976	891
SiJih	Operations Station	8,178	132	25,508	5,233	—	7,794	2	—	—
DanShuei	Operations Station	54,884	461	6,799	8,383	4,163	3,662	1,821	13,286	1,707
WanJin	Operations Station	2,596	—	—	—	—	—	—	—	—
WunShan	Operations Station	5,548	—	12,538	5,920	—	6	—	—	—
GongLiao	Operations Station	392	2,524	403	9	10	—	202	14,916	1,989
Sinshan	Water Treatment Plant	2,725	62	1,346	13,321	1,998	6,535	758	9,599	10,156
<b>2nd Branch</b>		<b>146,568</b>	<b>7,330</b>	<b>95,660</b>	<b>101,448</b>	<b>28,361</b>	<b>74,068</b>	<b>11,846</b>	<b>61,940</b>	<b>103,503</b>
Guishan	Service Center	18,693	—	—	—	—	84	—	—	—
Taoyuan	Service Center	21,508	4	11,087	290	4	120	—	—	—
Chunglee	Service Center	7,836	—	196	3	—	—	—	—	—
Yangmei	Service Center	9,411	—	—	132	—	—	—	—	—
Dayuan	Service Center	15,018	—	1,613	6	—	—	—	—	—
Linko	Service Center	3,302	—	—	—	—	—	—	—	—
Daxi	Service Center	—	—	—	—	—	—	—	—	—
Longtan	Water Treatment Plant	8,865	—	7,371	20,856	9,117	10,292	—	5,205	4,080
Pingjhen	Water Treatment Plant	29,536	6,284	54,319	37,787	12,144	27,305	9,321	39,180	42,484
Danan	Water Treatment Plant	32,398	1,042	21,075	42,374	7,096	36,268	2,525	17,555	56,939
<b>3rd Branch</b>		<b>147,095</b>	<b>13,775</b>	<b>56,227</b>	<b>100,440</b>	<b>11,936</b>	<b>29,122</b>	<b>36,300</b>	<b>54,340</b>	<b>57,174</b>
Hsinchu	Service Center	—	—	—	—	—	—	—	—	—
Chutung	Operations Station	8,910	1,727	506	5,668	—	150	—	—	—
Hukou	Operations Station	17,007	271	5,057	27,196	—	1,272	—	6,437	3,619
Chunan Toufen	Operations Station	2,379	—	83	—	—	—	3,157	—	—
Miaoli	Operations Station	21,067	—	1,193	10,386	—	3,299	13,148	—	—
Tongsiao Tonglao	Operations Station	38,237	7,194	31,724	5,183	5,292	5,827	10,848	276	2,978
Jhubei	Operations Station	10,038	546	5,001	20,594	1,910	1,609	—	3,736	22,530
Hsinchu	Water Treatment Plant	26,882	2,662	9,162	17,028	2,605	13,143	4,168	29,721	10,753
Baoshan	Water Treatment Plant	382	—	1,112	2,580	1,461	—	3,821	—	6,655
Dongsing	Water Treatment Plant	22,193	1,375	2,389	11,806	668	3,822	1,158	14,170	10,639
<b>4th Branch</b>		<b>272,492</b>	<b>21,823</b>	<b>122,132</b>	<b>79,113</b>	<b>22,186</b>	<b>64,451</b>	<b>33,645</b>	<b>44,295</b>	<b>135,680</b>
Taichung	Service Center	—	—	—	—	—	—	—	—	—
Fongyuan	Service Center	—	—	—	—	—	—	—	—	—
Dali	Service Center	—	—	—	—	—	—	—	—	—
Cingshuei	Operations Station	4,645	366	7,692	1,520	—	—	—	—	—
Dajia	Operations Station	11,015	—	2,407	—	—	—	—	—	—
Nantou	Operations Station	23,666	3,292	7,433	2,994	—	—	2,391	—	14,043
Caotun	Operations Station	2,649	420	5,100	1,636	—	—	—	—	—
jhushan	Operations Station	10,718	—	340	130	—	—	24	—	14,646
Shalu	Operations Station	17,045	—	97	78	32	209	16,340	18	296
Dongshin	Operations Station	5,122	—	4,761	115	2,264	—	—	—	—
Wufong	Operations Station	8,620	—	3,055	7,818	2,530	—	—	—	—
Wurih	Operations Station	3,068	—	420	—	—	—	—	—	—
Puli	Operations Station	10,850	—	571	1,391	827	—	—	—	—
Shueili	Operations Station	57,701	12,307	18,518	32,722	2,656	4,983	1,098	5,887	8,643
Daya	Operations Station	16,092	—	316	—	3,953	183	—	—	—
Fongyuan	Water Treatment Plant	25,750	396	1,939	7,320	35	5,463	1,411	10,540	50,221
Taichung	Water Treatment Plant	67,741	4,976	59,098	22,444	9,889	48,215	12,374	27,673	27,009
Liyutan	Water Treatment Plant	7,810	66	10,386	946	—	5,398	7	177	20,822

Table18 Length of Main Distribution Pipes

(1) Classified by Meter Diameter

Unit: M

Period & Water Supply System	Meter Diameter								
	400 mm	450 mm	500 mm	600 mm	700 mm	800 mm	900 mm	1000 mm	over 1110mm
<b>5th Branch</b>	<b>156,192</b>	<b>4,846</b>	<b>85,640</b>	<b>129,508</b>	<b>57,995</b>	<b>35,609</b>	<b>21,498</b>	<b>85,876</b>	<b>120,510</b>
Chiayi Service Center	—	—	—	—	—	—	—	—	—
Yijhu Service Center	18,963	—	6,686	919	23,804	6,340	1,193	—	—
Puzih Service Center	16,026	—	11,074	5,263	1,002	—	—	—	—
Douliou Service Center	6,120	2,169	10,321	3,913	1,730	—	—	—	—
Minsyong Operations Station	13,018	1,782	925	11,922	3,880	10,461	—	1,623	—
Beigang Operations Station	3,767	25	2,858	7,016	42	—	—	—	—
Huwei Service Center	16,068	—	3,652	4,037	—	—	—	7,261	—
Siluo Service Center	8,182	37	1,009	1,527	—	—	—	—	—
Taisi Operations Station	2,101	—	48	—	—	—	—	—	—
Gukeng Operations Station	4,293	—	100	8,744	—	122	—	—	—
Dounan Operations Station	2,510	—	6,540	506	—	—	—	—	—
Singang Operations Station	18,434	6	1,698	6,083	—	—	—	882	—
Jhuci Operations Station	11,801	—	8,247	213	2,198	276	—	—	—
Chiayi Water Treatment Plant	32,456	202	8,383	36,484	18,125	15,066	3,821	9,867	13,203
Yunlin Water Treatment Plant	2,453	625	24,099	42,881	7,214	3,344	16,484	66,243	107,307
<b>6th Branch</b>	<b>131,645</b>	<b>16,609</b>	<b>87,516</b>	<b>83,653</b>	<b>61,983</b>	<b>33,569</b>	<b>25,430</b>	<b>30,867</b>	<b>246,077</b>
Tainan Service Center	9,590	—	1,885	234	—	—	—	—	—
Gueiren Service Center	16,245	—	233	—	—	—	—	—	—
Jiali Service Center	16,039	34	108	1,274	—	550	—	—	—
Yongkang Service Center	1,769	—	12	—	—	6	—	6	—
Sinshih Service Center	3,439	—	30	—	—	—	—	—	—
Madou Service Center	8,539	—	—	—	—	—	—	—	—
Sinying Operations Station	16,831	—	354	—	—	—	—	—	—
Baihe Operations Station	27,311	840	13,042	82	—	—	—	—	—
Yujing Operations Station	10,154	4,595	1,491	87	—	—	—	—	1,362
Wushantou Water Treatment Plant	886	11,095	26,365	35,058	32,965	24,317	3,467	2,800	60,683
Nanhua Water Treatment Plant	351	—	367	10,894	—	6	45	22	26,546
Tainan Water Treatment Plant	20,492	45	43,629	36,024	29,018	8,690	21,918	28,039	155,652
Nanhua and Jingmain Reservoir Management Center	—	—	—	—	—	—	—	—	1,834
<b>7th Branch</b>	<b>287,237</b>	<b>16,713</b>	<b>215,576</b>	<b>203,434</b>	<b>65,890</b>	<b>142,078</b>	<b>63,988</b>	<b>78,260</b>	<b>315,355</b>
Sightseeing Section	—	—	—	—	—	—	—	—	—
Fongshan Service Center	12	—	—	—	—	—	—	—	—
Lujhu Service Center	—	—	—	—	—	—	—	—	—
Gangshan Service Center	—	—	—	—	—	—	—	—	—
Nanzih Service Center	3,474	—	—	—	—	—	—	—	—
Kaohsiung Service Center	195	—	15	38	240	400	87	—	152
Cishan Operations Station	8,667	—	86	2,879	—	—	—	—	—
Pingtung Operations Station	10,355	1,941	19,588	534	367	5,857	—	7,082	—
Dongnag Operations Station	62,159	—	2,852	38,133	28	31,139	75	4,124	454
Hengchun Operations Station	5,801	—	40	—	—	—	—	—	—
Gaoshu Operations Station	—	—	—	—	—	—	—	—	—
Meinong Operations Station	267	—	400	—	—	126	—	—	14
Penghu Operations Station	10,817	—	12,319	—	—	—	—	152	25
Dagangshan Water Treatment Plant	50,163	7,373	56,181	43,788	19,740	20,609	19,885	18,156	110,202
Chengcing Lake Water Treatment Plant	86,716	389	64,941	51,488	22,748	22,679	2,983	12,383	67,840
Pingding Water Treatment Plant	3,969	30	3,989	14,971	1,197	6,966	4,065	981	12,959
Kaotan Water Treatment Plant	24,605	6,980	31,103	12,940	16,514	14,973	14,985	19,463	34,652
Fongshan Water Treatment Plant	15,559	—	22,674	23,656	5,046	15,535	13,782	15,181	63,571
Mudan Water Treatment Plant	4,478	—	1,388	15,001	—	23,794	8,126	738	2,712
Kaohsiung Water Treatment Plant	—	—	—	6	10	—	—	—	22,775

Table18 Length of Main Distribution Pipes

(1) Classified by Meter Diameter

Unit: M

Period & Water Supply System	Meter Diameter								
	400 mm	450 mm	500 mm	600 mm	700 mm	800 mm	900 mm	1000 mm	over 1110mm
<b>8th Branch</b>	<b>80,442</b>	<b>307</b>	<b>61,597</b>	<b>80,670</b>	<b>166</b>	<b>23,887</b>	—	<b>462</b>	<b>4,054</b>
Guangsing Water Treatment Plant	35,548	271	31,978	38,821	166	17,476	—	428	3,079
Shengou Water Treatment Plant	44,894	36	29,619	41,849	—	6,411	—	34	975
<b>9th Branch</b>	<b>76,817</b>	<b>2,637</b>	<b>50,679</b>	<b>37,239</b>	<b>539</b>	<b>11,225</b>	<b>72</b>	<b>1,812</b>	<b>361</b>
Hualien Service Center	—	—	—	—	—	—	—	—	—
JianShoufong Service Center	—	—	—	—	—	—	—	—	—
Fenglin Operations Station	10,812	—	6,263	—	—	—	—	—	—
Yuli Operations Station	7,756	56	14,102	1,727	—	—	—	—	—
Hualien Water Treatment Plant	58,249	2,581	30,314	35,512	539	11,225	72	1,812	361
<b>10th Branch</b>	<b>34,007</b>	—	<b>24,936</b>	<b>12,831</b>	—	<b>3,975</b>	—	<b>212</b>	—
Taitung Operations Station	28,942	—	17,025	12,831	—	3,967	—	212	—
Chihshang Operations Station	—	—	—	—	—	—	—	—	—
Chenggong Operations Station	3,813	—	7,911	—	—	8	—	—	—
Taimali Water Treatment Plant	1,252	—	—	—	—	—	—	—	—
<b>11th Branch</b>	<b>135,555</b>	<b>2,902</b>	<b>58,145</b>	<b>70,931</b>	<b>13,394</b>	<b>24,558</b>	<b>10,400</b>	<b>597</b>	<b>22,785</b>
Changhua Service Center	—	—	—	—	—	—	—	—	—
Yuanlin Operations Station	6,622	822	6,542	1,220	—	—	—	—	—
Beidou Operations Station	35,429	710	6,871	8,489	90	326	2,606	—	—
Ershuei Operations Station	24,215	—	1,414	739	—	—	—	—	—
Lugang Operations Station	16,681	1,104	10,477	11,663	2,994	4,648	4,342	—	4,166
Erlin Operations Station	4,352	6	6,503	21,987	—	6,837	170	—	9
Sihu Operations Station	12,082	—	8,773	12,026	1,185	186	—	64	—
Huatan Operations Station	3,533	—	3,532	27	—	—	—	—	—
Changhua Water Treatment Plant	32,641	260	14,033	14,780	9,125	12,561	3,282	533	18,610
<b>12th Branch</b>	<b>36,378</b>	<b>5,698</b>	<b>29,652</b>	<b>41,438</b>	<b>12,615</b>	<b>27,270</b>	<b>5,838</b>	<b>22,402</b>	<b>127,691</b>
Banchiau Service Center	1,151	—	—	—	—	—	—	—	—
Hsin-chuang Service Center	2	12	—	22	—	—	—	—	—
Lujou Service Center	3,126	—	74	238	—	255	—	51	—
Shulin Service Center	135	—	25	—	—	—	—	—	—
Yingge Service Center	194	—	—	—	—	—	—	—	—
Tucheng Service Center	—	—	—	—	—	—	—	—	—
Taisan Operations Station	388	—	18	—	—	—	—	—	—
Bansin Water Treatment Plant	31,382	5,686	29,535	41,177	12,615	27,015	5,838	22,351	127,691

Table18 Length of Main Distribution Pipes

(2) Classified by Pipes

Unit: M

Period & Water Supply System	Total	CIP	DIP	SP	PVCP	RCP	PSCP	PCCP
<b>End of 2018</b>	<b>62,368,796</b>	<b>1,131,490</b>	<b>25,605,331</b>	<b>568,636</b>	<b>30,258,084</b>	<b>120,952</b>	<b>918,295</b>	<b>206,007</b>
<b>1st Branch</b>	<b>2,103,752</b>	<b>107,745</b>	<b>1,045,756</b>	<b>47,297</b>	<b>721,812</b>	<b>297</b>	<b>41,782</b>	<b>—</b>
Keelung Service Center	582,094	85,437	235,646	13,743	199,250	117	10,603	—
RueiFang Operations Station	174,126	2,995	63,246	1,119	71,058	28	11,824	—
SiJhih Operations Station	167,153	2,793	97,400	1,721	61,471	—	—	—
DanShuei Operations Station	567,893	5,744	350,744	3,714	190,369	10	—	—
WanJin Operations Station	163,555	1,084	72,864	97	75,157	—	—	—
WunShan Operations Station	274,130	4,636	131,684	16,662	94,203	—	—	—
GongLiao Operations Station	119,294	775	70,902	2,208	25,484	73	6,380	—
Sinshan Water Treatment Plant	55,507	4,281	23,270	8,033	4,820	69	12,975	—
<b>2nd Branch</b>	<b>6,088,966</b>	<b>99,846</b>	<b>2,083,462</b>	<b>37,284</b>	<b>3,596,998</b>	<b>3,670</b>	<b>92,014</b>	<b>9,818</b>
Guishan Service Center	288,660	5,996	183,020	122	98,851	—	—	—
Taoyuan Service Center	1,071,187	30,559	402,230	938	622,313	—	5,212	—
Chunglee Service Center	955,548	12,065	258,311	23	602,190	—	—	—
Yangmei Service Center	992,792	26,400	273,694	469	651,200	2,191	—	—
Dayuan Service Center	1,486,485	6,405	228,589	176	1,249,453	—	—	—
Linko Service Center	243,400	34	172,933	30	70,107	—	—	—
Daxi Service Center	—	—	—	—	—	—	—	—
Longtan Water Treatment Plant	564,165	1,860	226,714	3,450	292,956	—	10,510	—
Pingjhen Water Treatment Plant	266,987	12,836	195,500	11,999	2,737	1,147	32,811	9,818
Danan Water Treatment Plant	219,742	3,691	142,471	20,076	7,191	332	43,481	—
<b>3rd Branch</b>	<b>5,383,036</b>	<b>247,701</b>	<b>2,522,160</b>	<b>50,300</b>	<b>2,432,347</b>	<b>2,001</b>	<b>50,793</b>	<b>12,137</b>
Hsinchu Service Center	35,323	—	32,380	—	2,903	—	—	—
Chutung Operations Station	386,860	7,120	172,643	6,151	194,932	283	50	—
Hukou Operations Station	493,562	12,126	288,929	3,983	174,646	158	3,055	2,455
Chunan Toufen Operations Station	707,632	1,381	290,515	2,502	408,514	—	1,404	—
MiaoLi Operations Station	774,710	16,050	317,609	5,475	421,530	68	4,309	—
Tongsiao Tongluo Operations Station	1,039,789	6,709	510,574	7,402	501,896	—	—	—
Jhubei Operations Station	801,970	5,130	411,744	9,481	353,621	530	7	8,873
Hsinchu Water Treatment Plant	1,044,501	193,227	444,848	9,391	363,960	848	18,529	809
Baoshan Water Treatment Plant	29,248	285	13,200	3,600	7,202	10	4,951	—
Dongsing Water Treatment Plant	69,443	5,673	39,719	2,316	3,143	104	18,488	—
<b>4th Branch</b>	<b>9,073,256</b>	<b>181,299</b>	<b>4,456,605</b>	<b>67,827</b>	<b>3,826,491</b>	<b>3,347</b>	<b>77,473</b>	<b>57,078</b>
Taichung Service Center	1,864	—	1,706	—	93	—	—	—
Fongyuan Service Center	12	—	—	—	12	—	—	—
Dali Service Center	22	—	—	—	22	—	—	—
Cingshuei Operations Station	358,346	1,057	165,666	490	181,653	—	—	—
Dajia Operations Station	589,055	3,137	422,721	326	144,404	—	—	—
Nantou Operations Station	623,321	31,251	399,777	1,751	169,864	32	—	—
Caotun Operations Station	452,157	10,356	239,377	177	184,995	882	—	—
jhushan Operations Station	306,572	3,074	147,543	3,264	131,245	—	—	11,669
Shalu Operations Station	311,971	10,332	169,735	4,198	105,504	45	—	—
Dongshin Operations Station	563,233	4,519	257,059	9,964	260,416	289	—	—
Wufong Operations Station	261,372	8,579	134,241	1,391	92,343	—	6,276	—
Wurih Operations Station	225,341	6,723	75,952	1,963	137,804	—	—	—
Puli Operations Station	397,440	4,163	163,329	4,558	217,826	129	—	—
Shueili Operations Station	920,965	20,483	562,567	3,403	309,601	445	2,355	—
Daya Operations Station	433,058	1,703	174,671	1,065	220,193	—	—	—
Fongyuan Water Treatment Plant	827,776	22,394	387,623	5,204	314,102	1,458	24,221	18,422
Taichung Water Treatment Plant	2,387,152	52,078	909,127	13,235	1,221,242	67	44,493	16,736
Liyutan Water Treatment Plant	413,599	1,450	245,511	16,837	135,174	—	128	10,251
<b>5th Branch</b>	<b>7,963,135</b>	<b>61,286</b>	<b>3,148,723</b>	<b>45,489</b>	<b>4,364,655</b>	<b>100</b>	<b>37,602</b>	<b>25,512</b>
Chiayi Service Center	48,997	—	—	—	48,655	—	—	—
Yijhu Service Center	605,682	1,454	130,990	6,872	435,551	—	421	—
Puzih Service Center	416,232	1,652	148,671	6,030	233,286	—	—	—

Table18 Length of Main Distribution Pipes

(2) Classified by Pipes

Unit: M

Period & Water Supply System		Total	CIP	DIP	SP	PVCP	RCP	PSCP	PCCP
Douliou	Service Center	538,940	1,834	262,095	2,294	257,555	—	8,549	—
Minsyong	Operations Station	507,403	4,016	207,218	1,220	262,258	—	—	—
Beigang	Operations Station	658,052	5,834	171,755	606	459,190	—	—	—
Huwei	Service Center	923,356	1,604	359,471	680	555,476	—	—	—
Siluo	Service Center	684,308	3,590	242,872	75	432,626	—	—	—
Taisi	Operations Station	579,761	2,293	187,860	877	361,927	—	—	—
Gukeng	Operations Station	380,845	475	234,700	872	123,487	100	—	—
Douan	Operations Station	367,060	5,315	121,588	626	230,145	—	—	—
Singang	Operations Station	397,518	207	131,494	630	242,157	—	—	—
Jhuci	Operations Station	539,103	2,167	265,160	5,822	207,843	—	180	—
Chiayi	Water Treatment Plant	1,032,757	28,579	438,095	13,271	511,775	—	28,452	—
Yunlin	Water Treatment Plant	283,121	2,266	246,754	5,614	2,724	—	—	25,512
<b>6th Branch</b>		<b>7,838,258</b>	<b>178,193</b>	<b>2,735,434</b>	<b>82,904</b>	<b>4,049,431</b>	<b>53,948</b>	<b>150,182</b>	<b>20,918</b>
Tainan	Service Center	305,526	1,248	15,931	538	280,401	7,408	—	—
Gueiren	Service Center	718,072	6,093	222,718	754	430,825	—	—	—
Jiali	Service Center	1,312,226	17,475	290,071	3,834	715,765	4,597	629	—
Yongkang	Service Center	386,914	3,885	205,345	191	163,682	948	900	—
Sinshih	Service Center	1,048,892	9,351	435,876	262	547,352	2,652	—	—
Madou	Service Center	696,852	11,556	190,175	96	434,348	12,715	—	—
Sinying	Operations Station	588,497	10,598	254,376	222	297,846	—	—	—
Baibe	Operations Station	593,200	17,481	272,236	2,020	283,044	—	—	—
Yujing	Operations Station	561,406	1,384	215,205	2,371	309,293	—	814	—
Wushantou	Water Treatment Plant	201,356	4,949	118,842	11,421	3,606	18,535	32,472	11,531
Nanhua	Water Treatment Plant	46,459	—	18,946	19,729	5,525	—	550	—
Tainan	Water Treatment Plant	1,377,024	94,173	495,053	40,935	577,744	7,093	114,175	9,387
Nanhua and Jingmain Reservoir Management Center		1,834	—	660	532	—	—	642	—
<b>7th Branch</b>		<b>10,796,798</b>	<b>172,687</b>	<b>2,781,454</b>	<b>161,320</b>	<b>5,999,627</b>	<b>42,499</b>	<b>384,473</b>	<b>49,448</b>
Sightseeing	Section	5,959	—	—	—	5,959	—	—	—
Fongshan	Service Center	66,285	—	9,671	1,599	53,110	—	—	—
Lujhu	Service Center	564,608	398	104,560	23	421,741	—	—	—
Gangshan	Service Center	632,295	1,124	113,958	2,856	466,728	—	—	—
Nanzih	Service Center	681,829	185	127,963	372	467,093	162	2,165	—
Kaohsiung	Service Center	132,758	2,229	10,767	277	91,041	—	610	—
Cishan	Operations Station	518,853	4,529	265,109	4,364	200,815	50	40	—
Pingtung	Operations Station	827,489	12,060	316,857	1,613	420,592	—	—	—
Dongmag	Operations Station	1,094,123	10,228	262,912	16,149	492,542	3,770	26,282	—
Hengchun	Operations Station	467,812	3,325	146,665	267	257,135	—	—	—
Gaoshu	Operations Station	178,636	1,357	63,533	1,522	95,876	21	—	—
Meinong	Operations Station	423,523	271	204,538	231	170,841	—	—	—
Penghu	Operations Station	621,102	138	71,255	514	355,163	1,293	—	—
Dagangshan	Water Treatment Plant	439,792	10,333	244,078	30,305	29,730	35	95,473	23,479
Chengcing Lake	Water Treatment Plant	2,340,317	101,134	326,499	28,324	1,654,473	24,123	110,632	7,929
Pingding	Water Treatment Plant	212,115	174	98,274	12,557	74,796	—	11,238	3,552
Kaotan	Water Treatment Plant	1,081,920	10,551	232,851	19,740	605,913	3,368	53,855	—
Fongshan	Water Treatment Plant	383,547	14,651	127,184	11,615	124,878	9,677	69,131	5,613
Mudan	Water Treatment Plant	99,948	—	54,396	17,946	11,201	—	15,047	—
Kaohsiung	Water Treatment Plant	23,888	—	384	11,047	—	—	—	8,875
<b>8th Branch</b>		<b>2,599,631</b>	<b>18,321</b>	<b>1,207,433</b>	<b>10,229</b>	<b>1,196,565</b>	<b>3,816</b>	—	—
Guangsing	Water Treatment Plant	1,360,471	16,605	601,806	2,933	635,911	3,701	—	—
Shengou	Water Treatment Plant	1,239,160	1,716	605,627	7,296	560,654	115	—	—
<b>9th Branch</b>		<b>1,892,101</b>	<b>15,339</b>	<b>1,222,812</b>	<b>19,941</b>	<b>427,460</b>	<b>753</b>	<b>8,533</b>	—
Hualien	Service Center	7,966	—	—	—	7,966	—	—	—
JianShoufong	Service Center	1,172	—	—	—	1,172	—	—	—
Fenglin	Operations Station	393,630	814	268,452	885	70,702	138	—	—

Table18 Length of Main Distribution Pipes

(2) Classified by Pipes

Unit: M

Period & Water Supply System		Total	CIP	DIP	SP	PVCP	RCP	PSCP	PCCP
Yuli	Operations Station	385,681	756	267,792	2,695	53,110	—	—	—
Hualien	Water Treatment Plant	1,103,651	13,769	686,568	16,361	294,510	615	8,533	—
<b>10th Branch</b>		<b>1,683,645</b>	<b>7,818</b>	<b>1,244,108</b>	<b>7,032</b>	<b>340,227</b>	<b>6,524</b>	—	—
Taitung	Water Treatment Plant	835,419	2,218	609,910	2,654	189,337	6,396	—	—
Chihshang	Water Treatment Plant	361,098	4,247	238,402	609	101,256	120	—	—
Chenggong	Water Treatment Plant	305,977	964	247,540	3,159	28,015	8	—	—
Taimali	Water Treatment Plant	181,151	389	148,255	610	21,619	—	—	—
<b>11th Branch</b>		<b>5,152,312</b>	<b>21,590</b>	<b>2,119,420</b>	<b>7,577</b>	<b>2,706,028</b>	<b>536</b>	<b>2,620</b>	<b>22,310</b>
Changhua	Service Center	16,732	209	248	—	16,275	—	—	—
Yuanlin	Operations Station	301,086	2,656	174,087	136	116,533	—	—	—
Beidou	Operations Station	849,710	510	498,871	2,163	320,853	—	—	—
Ershuei	Operations Station	448,259	1,265	280,494	138	151,809	85	—	—
Lugang	Operations Station	669,421	1,429	228,022	28	384,434	—	—	4,142
Erlin	Operations Station	744,835	243	181,185	24	525,112	451	—	—
Sihu	Operations Station	673,292	295	225,795	478	403,679	—	—	—
Huatan	Operations Station	331,471	419	131,832	84	182,871	—	—	—
Changhua	Water Treatment Plant	1,117,506	14,564	398,886	4,526	604,462	—	2,620	18,168
<b>12th Branch</b>		<b>1,793,906</b>	<b>19,665</b>	<b>1,037,964</b>	<b>31,436</b>	<b>596,443</b>	<b>3,461</b>	<b>72,823</b>	<b>8,786</b>
Banchiau	Service Center	294,954	2,190	155,004	299	137,352	—	—	—
Hsin-chuang	Service Center	246,170	580	129,090	30	115,699	—	—	—
Lujou	Service Center	201,752	83	114,820	113	83,535	—	—	—
Shulin	Service Center	152,670	1,573	106,021	34	44,381	—	—	—
Yingge	Service Center	249,347	233	163,978	334	79,161	—	—	—
Tucheng	Service Center	140,416	1,883	84,029	10	54,389	—	—	—
Taisan	Operations Station	178,866	1,332	104,327	44	67,723	2,011	—	—
Bansin	Water Treatment Plant	329,733	11,791	180,697	30,572	14,203	1,450	72,823	8,786

Table18 Length of Main Distribution Pipes

(2) Classified by Pipes

Unit: M

Period & Water Supply System	GIP	FRP	HDPEP	PVC—PE	ABSP	HIWP	Others
<b>End of 2018</b>	<b>141,302</b>	<b>86,192</b>	<b>114,004</b>	<b>1,459,395</b>	<b>895,834</b>	<b>832,116</b>	<b>31,159</b>
<b>1st Branch</b>	<b>7,691</b>	<b>2,171</b>	<b>9,781</b>	<b>41,070</b>	<b>20,426</b>	<b>42,902</b>	<b>15,022</b>
Keelung Service Center	7,009	1,083	—	5,697	3,138	14,903	5,468
RueiFang Operations Station	594	—	—	6,217	9,952	3,429	3,664
SiJih Operations Station	—	108	—	1,774	—	1,066	820
DanShuei Operations Station	72	—	1,730	10,999	—	4,202	309
WanJin Operations Station	16	—	759	2,243	3,697	7,245	393
WunShan Operations Station	—	—	7,292	12,695	3,639	1,949	1,370
GongLiao Operations Station	—	271	—	1,445	—	10,108	1,648
Sinshan Water Treatment Plant	—	709	—	—	—	—	1,350
<b>2nd Branch</b>	<b>609</b>	<b>2,102</b>	<b>1,080</b>	<b>138,726</b>	<b>16,671</b>	<b>6,522</b>	<b>165</b>
Guishan Service Center	198	—	—	26	—	446	—
Taoyuan Service Center	411	—	—	6,389	1,141	1,994	—
Chunglee Service Center	—	—	—	81,212	—	1,747	—
Yangmei Service Center	—	—	1,004	35,644	1,207	983	—
Dayuan Service Center	—	—	—	—	1,777	85	—
Linko Service Center	—	—	76	—	—	220	—
Daxi Service Center	—	—	—	—	—	—	—
Longtan Water Treatment Plant	—	—	—	15,082	12,546	1,047	—
Pingjhen Water Treatment Plant	—	—	—	—	—	—	139
Danan Water Treatment Plant	—	2,102	—	373	—	—	26
<b>3rd Branch</b>	<b>3,185</b>	<b>2,654</b>	<b>135</b>	<b>3,821</b>	<b>24,250</b>	<b>30,867</b>	<b>685</b>
Hsinchu Service Center	—	—	—	—	—	40	—
Chutung Operations Station	294	—	135	—	2,030	3,222	—
Hukou Operations Station	308	—	—	—	—	7,828	75
Chunan Toufen Operations Station	2,038	—	—	—	161	1,117	—
Miaoli Operations Station	205	—	—	991	2,927	5,513	34
Tongsiao Tongluo Operations Station	318	—	—	—	10,993	1,819	77
Jhubei Operations Station	22	2,654	—	1,004	4,362	4,455	88
Hsinchu Water Treatment Plant	—	—	—	1,826	3,777	6,874	411
Baoshan Water Treatment Plant	—	—	—	—	—	—	—
Dongsing Water Treatment Plant	—	—	—	—	—	—	—
<b>4th Branch</b>	<b>6,085</b>	<b>21,780</b>	<b>22,049</b>	<b>232,520</b>	<b>52,440</b>	<b>67,294</b>	<b>967</b>
Taichung Service Center	—	—	—	—	—	65	—
Fongyuan Service Center	—	—	—	—	—	—	—
Dali Service Center	—	—	—	—	—	—	—
Cingshuei Operations Station	—	—	—	8,972	—	508	—
Dajia Operations Station	—	—	—	2,633	12,529	3,305	—
Nantou Operations Station	33	—	10,121	3,346	6,942	204	—
Caotun Operations Station	35	—	3,956	3,165	1,608	7,598	8
jhushan Operations Station	38	—	2,393	3,940	—	3,406	—
Shalu Operations Station	4,250	866	—	—	—	17,041	—
Dongshin Operations Station	969	20	306	10,424	12,414	6,775	78
Wufong Operations Station	—	—	—	18,244	298	—	—
Wurih Operations Station	—	—	—	2,789	—	110	—
Puli Operations Station	395	89	170	280	—	6,501	—
Shueili Operations Station	70	6,538	—	862	9,717	4,058	865
Daya Operations Station	162	2,765	—	15,457	8,176	8,866	—
Fongyuan Water Treatment Plant	94	4,659	3,675	42,061	—	3,864	—
Taichung Water Treatment Plant	—	6,843	—	120,347	—	2,969	16
Liyutan Water Treatment Plant	39	—	1,428	—	756	2,025	—
<b>5th Branch</b>	<b>54,360</b>	<b>1,803</b>	<b>1,474</b>	<b>141,928</b>	<b>16,061</b>	<b>64,013</b>	<b>129</b>
Chiayi Service Center	—	—	—	—	—	342	—
Yijhu Service Center	—	1,803	—	16,718	781	11,092	—
Puzih Service Center	—	—	72	17,427	2,304	6,790	—

Table18 Length of Main Distribution Pipes

(2) Classified by Pipes

Unit: M

Period & Water Supply System		GIP	FRP	HDPEP	PVC—PE	ABSP	HIWP	Others
Douliou	Service Center	909	—	99	4,987	—	618	—
Minsyong	Operations Station	—	—	412	23,915	650	7,630	84
Beigang	Operations Station	496	—	—	11,975	4,574	3,622	—
Huwei	Service Center	—	—	—	4,836	—	1,289	—
Siluo	Service Center	—	—	30	—	267	4,848	—
Taisi	Operations Station	—	—	436	14,903	6,565	4,900	—
Gukeng	Operations Station	50	—	—	16,068	520	4,528	45
Douan	Operations Station	—	—	140	8,836	—	410	—
Singang	Operations Station	417	—	—	16,199	—	6,414	—
Jhuci	Operations Station	52,488	—	100	2,138	—	3,205	—
Chiayi	Water Treatment Plant	—	—	185	3,926	400	8,074	—
Yunlin	Water Treatment Plant	—	—	—	—	—	251	—
<b>6th Branch</b>		<b>28,630</b>	<b>15,758</b>	<b>2,176</b>	<b>286,218</b>	<b>125,858</b>	<b>108,608</b>	<b>—</b>
Tainan	Service Center	—	—	—	—	—	—	—
Gueiren	Service Center	4,048	—	—	7,135	27,619	18,880	—
Jiali	Service Center	3,734	—	—	203,503	47,106	25,512	—
Yongkang	Service Center	—	—	—	6,900	1,771	3,292	—
Sinshih	Service Center	62	5,981	240	16,614	13,745	16,757	—
Madou	Service Center	7,068	315	264	17,165	11,345	11,805	—
Sinying	Operations Station	3,042	—	—	6,125	5,602	10,686	—
Baihe	Operations Station	4,286	690	—	6,241	5,501	1,702	—
Yujing	Operations Station	3,001	8,712	1,191	9,758	9,635	42	—
Wushantou	Water Treatment Plant	—	—	—	—	—	—	—
Nanhua	Water Treatment Plant	—	60	—	—	—	1,649	—
Tainan	Water Treatment Plant	3,389	—	481	12,777	3,534	18,283	—
Nanhua and Jingmain Reservoir Management Center		—	—	—	—	—	—	—
<b>7th Branch</b>		<b>27,528</b>	<b>39,924</b>	<b>67,366</b>	<b>448,523</b>	<b>417,919</b>	<b>196,375</b>	<b>7,656</b>
Sightseeing	Section	—	—	—	—	—	—	—
Fongshan	Service Center	279	—	—	1,626	—	—	—
Lujhu	Service Center	22	—	—	24,641	7,828	5,395	—
Gangshan	Service Center	24	—	7,679	12,351	16,895	10,680	—
Nanzih	Service Center	1	—	5,084	51,507	23,051	4,246	—
Kaohsiung	Service Center	2,279	—	—	—	25,492	63	—
Cishan	Operations Station	1,966	84	—	24,699	2,527	14,670	—
Pingtung	Operations Station	1,628	578	355	11,882	57,851	4,073	—
Dongmag	Operations Station	10,093	33,623	14,032	92,137	121,241	11,114	—
Hengchun	Operations Station	1,517	—	—	12,839	45,495	535	34
Gaoshu	Operations Station	170	—	1,375	11,261	3,409	112	—
Meinong	Operations Station	5,683	—	620	33,910	3,712	3,415	302
Penghu	Operations Station	—	—	20,183	21,420	52,193	98,943	—
Dagangshan	Water Treatment Plant	3,556	—	2,441	—	—	—	362
Chengcing Lake	Water Treatment Plant	285	14	6,630	50,952	24,063	3,076	2,184
Pingding	Water Treatment Plant	—	—	—	8,389	1,081	1,950	104
Kaotan	Water Treatment Plant	25	5,625	1,382	80,307	30,773	36,562	968
Fongshan	Water Treatment Plant	—	—	7,585	9,244	2,308	1,541	120
Mudan	Water Treatment Plant	—	—	—	1,358	—	—	—
Kaohsiung	Water Treatment Plant	—	—	—	—	—	—	3,582
<b>8th Branch</b>		<b>570</b>	<b>—</b>	<b>3,400</b>	<b>9,259</b>	<b>20,034</b>	<b>129,975</b>	<b>29</b>
Guangsing	Water Treatment Plant	410	—	—	715	16,472	81,889	29
Shengou	Water Treatment Plant	160	—	3,400	8,544	3,562	48,086	—
<b>9th Branch</b>		<b>888</b>	<b>—</b>	<b>612</b>	<b>114,871</b>	<b>61,825</b>	<b>14,158</b>	<b>4,909</b>
Hualien	Service Center	—	—	—	—	—	—	—
JianShoufong	Service Center	—	—	—	—	—	—	—
Fenglin	Operations Station	15	—	—	30,123	16,753	5,626	122

Table18 Length of Main Distribution Pipes

(2) Classified by Pipes

Unit: M

Period & Water Supply System		GIP	FRP	HDPEP	PVC—PE	ABSP	HIWP	Others
Yuli	Operations Station	60	—	—	34,309	22,579	4,328	52
Hualien	Water Treatment Plant	813	—	612	50,439	22,493	4,204	4,735
<b>10th Branch</b>		<b>6,817</b>	<b>—</b>	<b>1,823</b>	<b>19,062</b>	<b>40,878</b>	<b>8,994</b>	<b>363</b>
Taitung	Water Treatment Plant	803	—	953	9,612	8,853	4,683	—
Chihshang	Water Treatment Plant	5,225	—	—	7,005	88	4,146	—
Chenggong	Water Treatment Plant	139	—	180	119	25,429	61	363
Taimali	Water Treatment Plant	650	—	690	2,326	6,508	104	—
<b>11th Branch</b>		<b>1,434</b>	<b>—</b>	<b>4,108</b>	<b>12,438</b>	<b>93,298</b>	<b>160,884</b>	<b>69</b>
Changhua	Service Center	—	—	—	—	—	—	—
Yuanlin	Operations Station	23	—	130	—	2,753	4,768	—
Beidou	Operations Station	—	—	756	3,282	5,918	17,357	—
Ershuei	Operations Station	—	—	—	984	1,083	12,401	—
Lugang	Operations Station	30	—	625	—	19,076	31,635	—
Erlin	Operations Station	22	—	360	2,868	18,374	16,196	—
Sihu	Operations Station	32	—	1,028	947	15,729	25,309	—
Huatan	Operations Station	24	—	308	1,657	2,486	11,790	—
Changhua	Water Treatment Plant	1,303	—	901	2,700	27,879	41,428	69
<b>12th Branch</b>		<b>3,505</b>	<b>—</b>	<b>—</b>	<b>10,959</b>	<b>6,174</b>	<b>1,525</b>	<b>1,165</b>
Banchiau	Service Center	65	—	—	—	—	44	—
Hsin-chuang	Service Center	—	—	—	771	—	—	—
Lujou	Service Center	—	—	—	1,958	—	1,243	—
Shulin	Service Center	3	—	—	420	—	238	—
Yingge	Service Center	—	—	—	811	4,830	—	—
Tucheng	Service Center	—	—	—	105	—	—	—
Taisan	Operations Station	1,730	—	—	355	1,344	—	—
Bansin	Water Treatment Plant	1,707	—	—	6,539	—	—	1,165

Table 19 The Length of Distribution Pipe Network Laundry List

Unit: M

Period & Meter Diameter	Total	CIP	DIP	SP	PVCP	RCP	PSCP	PCCP
End Of 1974	...	...	...	...	...	...	...	...
End Of 1975	8,079,375	1,874,539		33,669	5,143,437	250,918	294,884	—
End Of 1976	9,021,977	1,974,074		41,793	5,975,443	251,696	355,417	—
End Of 1977	10,852,335	2,044,140		44,102	7,610,214	259,674	481,359	—
End Of 1978	12,709,150	2,110,673		47,677	9,261,203	270,237	576,600	—
End Of 1979	13,774,979	2,111,379		47,793	10,272,698	276,065	585,435	—
End Of 1980	15,438,742	2,110,535		48,826	11,848,067	279,232	636,079	—
End Of 1981	18,056,042	2,138,290		57,626	14,329,388	297,192	673,080	—
End Of 1982	20,574,131	2,171,075		69,090	16,685,441	310,178	746,502	—
End Of 1983	21,911,430	2,261,002		86,130	17,805,186	287,577	805,157	—
End Of 1984	23,762,747	2,282,362		94,825	19,502,968	281,847	873,632	—
End Of 1985	25,451,853	2,302,725		107,373	20,929,715	283,311	959,722	—
End Of 1986	23,427,260	2,578,257		78,321	18,869,376	267,697	714,012	—
End Of 1987	24,943,646	2,633,149		92,638	20,120,385	239,431	820,996	—
End Of 1988	26,470,867	2,682,915		100,532	21,499,601	244,450	872,627	—
End Of 1989	27,651,222	2,806,005		112,651	22,481,899	244,435	922,622	—
End Of 1990	29,064,115	2,937,277		123,229	23,696,737	239,875	972,753	—
End Of 1991	30,229,605	2,610,177		131,339	25,155,458	244,428	998,145	—
End Of 1992	31,786,135	2,764,082		138,470	26,557,230	223,396	1,000,501	—
End Of 1993	33,886,389	2,033,752	982,533	162,990	28,350,083	226,046	1,051,537	—
End Of 1994	37,744,658	1,997,074	1,525,485	214,684	31,569,503	232,275	1,123,062	17,174
End Of 1995	40,869,561	1,943,377	2,300,295	304,603	33,915,402	241,978	1,153,228	31,305
End Of 1996	43,146,313	1,938,923	2,869,257	355,124	35,550,125	235,920	1,189,037	41,453
End Of 1997	45,499,646	1,891,779	3,470,632	395,039	37,463,607	232,219	1,183,134	48,649
End Of 1998	48,665,308	1,882,637	4,292,680	661,215	38,901,956	220,431	1,211,524	62,082
End Of 1999	50,734,307	1,862,107	5,162,640	684,044	39,702,194	229,619	1,201,543	75,637
End Of 2000	52,515,327	1,831,947	6,420,806	710,446	39,996,031	230,593	1,210,996	96,668
End Of 2001	54,006,418	1,828,855	7,288,747	730,997	40,371,580	226,837	1,212,389	106,261
End Of 2002	54,983,300	1,792,580	8,151,638	742,100	40,412,657	225,191	1,208,061	119,450
End Of 2003	56,577,374	1,516,785	9,600,102	722,802	40,642,060	214,044	1,160,548	138,477
End Of 2004	57,033,057	1,487,801	10,447,414	530,203	40,419,600	203,535	1,145,109	161,748
End Of 2005	55,760,564	1,388,188	11,146,826	536,425	38,594,769	142,228	1,087,312	185,956
End Of 2006	55,285,721	1,333,316	12,039,062	542,744	37,190,071	152,430	1,063,103	189,479
End Of 2007	55,356,525	1,294,897	12,841,116	554,718	36,443,209	148,112	1,055,803	191,224
End Of 2008	55,788,718	1,281,859	13,700,836	554,828	36,038,542	146,525	1,038,755	192,520
End Of 2009	56,256,609	1,221,219	14,460,246	542,980	35,318,979	143,452	1,017,514	193,272
End Of 2010	57,210,278	1,199,473	16,083,671	549,723	34,563,176	135,618	1,005,437	193,272
End Of 2011	57,753,289	1,182,291	17,186,351	554,107	33,982,579	135,606	996,958	199,430
End Of 2012	58,123,243	1,173,276	18,323,505	561,569	33,208,659	132,561	991,146	200,888
End Of 2013	58,944,243	1,165,255	19,394,418	563,376	32,957,511	131,811	989,456	204,573
End Of 2014	59,287,713	1,153,310	20,367,616	566,004	32,366,978	124,009	970,152	204,573
End Of 2015	59,971,979	1,141,163	21,534,681	567,694	31,899,671	124,327	959,778	204,573
End Of 2016	60,539,411	1,134,317	22,741,418	566,058	31,277,405	122,822	930,851	206,007
End Of 2017	61,457,604	1,130,219	24,132,545	560,512	30,815,847	122,157	925,015	206,007
End Of 2018	62,368,796	1,131,490	25,605,331	568,636	30,258,084	120,952	918,295	206,007

Table 19 The Length of Distribution Pipe Network Laundry List

Unit: M

Period & Meter Diameter	Total	CIP	DIP	SP	PVCP	RCP	PSCP	PCCP
below 65 mm	4,049,306	1,177	3,256	3,327	3,807,810	—	—	—
80 mm	4,376,974	55,411	10,926	3,602	4,167,185	6,463	—	—
100 mm	21,015,596	168,674	8,028,568	29,001	11,120,698	7,725	1,315	—
125 mm	482,298	4,867	683	1,856	380,013	—	—	—
150 mm	8,360,293	229,591	1,461,282	16,664	5,976,977	20,907	2,305	—
200 mm	11,271,790	173,488	7,339,906	27,936	3,088,667	9,907	1,233	—
250 mm	1,004,765	78,894	161,877	14,585	734,835	8,398	471	—
300 mm	5,192,202	163,414	4,231,895	36,135	694,652	4,721	18,119	—
350 mm	355,389	57,996	135,504	5,030	148,382	41	3,209	—
400 mm	1,624,947	72,278	1,341,055	23,896	126,320	4,411	8,961	—
450 mm	100,807	20,234	59,814	2,647	2,584	—	15,018	—
500 mm	945,511	55,375	753,162	32,291	3,980	3,731	90,079	—
600 mm	998,291	39,536	762,065	32,027	5,982	17,953	130,370	—
700 mm	287,643	2,895	170,839	20,557	—	8,626	82,467	—
800 mm	498,013	4,909	269,585	62,945	—	8,300	135,378	—
900 mm	222,381	2,001	112,387	39,048	—	5,865	62,079	—
1,000 mm	434,618	73	304,221	39,587	—	942	87,882	622
1,100 mm	53,718	—	15,190	4,327	—	—	29,269	—
1,200 mm	282,735	674	197,582	32,153	—	593	51,054	—
1,350 mm	186,412	3	64,743	21,896	—	140	34,858	60,871
1,500 mm	225,301	—	84,133	34,536	—	2,521	60,222	43,821
1,650 mm	9,524	—	830	740	—	6,459	1,481	—
over 1,750 mm	390,283	—	95,829	83,850	—	3,249	102,525	100,693

Table 19 The Length of Distribution Pipe Network Laundry List

Unit: M

Period & Meter Diameter	GIP	FRP	HDPEP	PVC—PE	ABSP	HIWP	Others
End Of 1974	...	...	...	...	...	...	...
End Of 1975	179,364	—	—	—	—	—	302,564
End Of 1976	174,481	—	—	—	—	—	249,073
End Of 1977	169,734	—	—	—	—	—	243,112
End Of 1978	176,986	—	—	—	—	—	265,774
End Of 1979	176,321	—	—	—	—	—	305,288
End Of 1980	202,518	—	—	—	—	—	313,485
End Of 1981	205,937	—	—	—	—	—	354,529
End Of 1982	204,449	—	—	—	—	—	387,396
End Of 1983	223,178	30,080	—	—	—	—	413,120
End Of 1984	222,557	63,924	—	—	—	—	440,632
End Of 1985	222,689	102,772	—	—	—	—	543,546
End Of 1986	342,125	86,631	—	—	—	—	490,841
End Of 1987	343,013	100,716	—	—	—	—	593,318
End Of 1988	326,839	101,910	—	—	—	—	641,993
End Of 1989	328,109	103,516	—	—	—	—	651,985
End Of 1990	331,744	110,124	—	—	—	—	652,376
End Of 1991	337,527	108,235	—	—	—	—	644,296
End Of 1992	339,235	130,499	—	—	—	—	632,722
End Of 1993	316,259	136,066	—	—	—	—	627,123
End Of 1994	313,438	132,911	8,381	—	—	—	610,671
End Of 1995	308,695	134,135	48,597	—	—	—	487,946
End Of 1996	306,468	133,583	75,228	—	—	—	451,195
End Of 1997	325,898	138,265	69,197	—	—	—	281,227
End Of 1998	348,202	137,465	65,161	743,230	134,060	—	4,665
End Of 1999	343,663	138,775	65,510	1,023,054	240,688	—	4,833
End Of 2000	331,279	136,956	65,878	1,170,259	308,606	—	4,862
End Of 2001	331,151	133,125	66,149	1,341,907	363,477	—	4,943
End Of 2002	331,045	141,640	67,196	1,362,397	424,138	—	5,207
End Of 2003	322,097	138,138	67,502	1,520,545	528,332	—	5,942
End Of 2004	314,987	134,565	72,778	1,522,698	586,632	—	5,987
End Of 2005	248,397	134,152	85,410	1,530,253	672,786	—	7,862
End Of 2006	247,503	127,925	85,410	1,528,951	776,531	—	9,196
End Of 2007	187,784	143,131	85,404	1,541,667	859,647	—	9,813
End Of 2008	184,752	138,190	85,405	1,531,351	884,249	—	10,906
End Of 2009	177,431	103,296	102,037	1,520,716	900,816	537,105	17,546
End Of 2010	160,016	102,546	108,059	1,550,583	901,031	637,935	19,740
End Of 2011	153,358	102,260	113,978	1,545,967	900,867	679,077	20,460
End Of 2012	151,611	97,291	114,383	1,531,832	900,834	715,740	19,948
End Of 2013	146,064	93,541	114,455	1,516,529	902,600	741,824	22,831
End Of 2014	145,303	93,063	117,026	1,503,443	903,188	749,787	23,261
End Of 2015	145,247	90,590	116,671	1,495,735	901,978	764,982	24,890
End Of 2016	142,447	89,406	117,273	1,484,308	901,978	797,479	27,642
End Of 2017	142,129	86,567	115,504	1,476,314	895,931	817,577	31,281
End Of 2018	141,302	86,192	114,004	1,459,395	895,834	832,116	31,159



**Table 20 The Analysis of Capacity**

End of 2017

Unit: M<sup>3</sup>

Pipe  Meter Diameter	Total	CIP		DIP		SP		PVCP		RCP		PSCP	
		Capacity	Percentage (%)	Capacity	Percentage (%)	Capacity	Percentage (%)	Capacity	Percentage (%)	Capacity	Percentage (%)	Capacity	Percentage (%)
<b>Total</b>	<b>5,011,091</b>	<b>72,198</b>	<b>1.44</b>	<b>2,496,846</b>	<b>49.83</b>	<b>551,212</b>	<b>11.00</b>	<b>442,929</b>	<b>8.84</b>	<b>51,466</b>	<b>1.03</b>	<b>782,755</b>	<b>15.62</b>
below 65mm	9,132	2	0.03	7	0.07	7	0.07	8,639	94.60	—	—	—	—
80mm	21,773	252	1.16	49	0.23	17	0.08	20,757	95.34	28	0.13	—	—
100mm	166,674	1,333	0.80	63,426	38.05	229	0.14	87,854	52.71	61	0.04	10	0.01
125mm	5,932	60	1.01	8	0.14	23	0.38	4,674	78.79	—	—	—	—
150mm	148,217	4,064	2.74	25,865	17.45	295	0.20	105,793	71.38	370	0.25	41	0.03
200mm	354,026	5,448	1.54	230,473	65.10	877	0.25	96,984	27.39	311	0.09	39	0.01
250mm	49,336	3,874	7.85	7,948	16.11	716	1.45	36,080	73.13	412	0.84	23	0.05
300mm	367,188	11,553	3.15	299,195	81.48	2,555	0.70	49,112	13.38	334	0.09	1,281	0.35
350mm	34,189	5,579	16.32	13,035	38.13	484	1.42	14,274	41.75	4	0.01	309	0.90
400mm	204,256	9,085	4.45	168,571	82.53	3,004	1.47	15,878	7.77	554	0.27	1,126	0.55
450mm	16,028	3,217	20.07	9,510	59.34	421	2.63	411	2.56	—	—	2,388	14.90
500mm	185,698	10,876	5.86	147,921	79.66	6,342	3.42	782	0.42	733	0.39	17,692	9.53
600mm	282,217	11,177	3.96	215,436	76.34	9,054	3.21	1,691	0.60	5,075	1.80	36,856	13.06
700mm	110,689	1,114	1.01	65,739	59.39	7,910	7.15	—	—	3,320	3.00	31,733	28.67
800mm	250,351	2,468	0.99	135,521	54.13	31,642	12.64	—	—	4,172	1.67	68,055	27.18
900mm	141,479	1,273	0.90	71,500	50.54	24,842	17.56	—	—	3,731	2.64	39,495	27.92
1,000mm	341,349	57	0.02	238,935	70.00	31,092	9.11	—	—	740	0.22	69,023	20.22
1,100mm	51,048	—	—	14,435	28.28	4,112	8.05	—	—	—	—	27,814	54.49
1,200mm	319,773	762	0.24	223,466	69.88	36,365	11.37	—	—	671	0.21	57,742	18.06
1,350mm	267,054	4	0.00	92,673	34.70	31,342	11.74	—	—	200	0.08	49,896	18.68
1,500mm	398,152	—	—	148,679	37.34	61,031	15.33	—	—	4,455	1.12	106,424	26.73
1,650mm	20,068	—	—	1,669	8.32	1,582	7.88	—	—	13,811	68.82	2,978	14.84
over1,750mm	1,266,462	—	—	322,785	25.49	297,269	23.47	—	—	12,481	0.99	269,832	21.31

**Table 20 The Analysis of Capacity**

End of 2017

Unit: M<sup>3</sup>

Pipe  Meter Diameter	PCCP		GIP		FRP		HDPEP		PVC-PE		ABSP		HIWP		Others	
	Capacity	Percentage (%)	Capacity	Percentage (%)	Capacity	Percentage (%)	Capacity	Percentage (%)	Capacity	Percentage (%)	Capacity	Percentage (%)	Capacity	Percentage (%)	Capacity	Percentage (%)
<b>Total</b>	<b>507,644</b>	<b>10.13</b>	<b>2,047</b>	<b>0.04</b>	<b>13,000</b>	<b>0.26</b>	<b>5,629</b>	<b>0.11</b>	<b>37,095</b>	<b>0.74</b>	<b>13,371</b>	<b>0.27</b>	<b>9,445</b>	<b>0.19</b>	<b>25,454</b>	<b>0.51</b>
below 65mm	—	—	99	1.09	4	0.04	9	0.10	18	0.20	63	0.69	273	2.99	10	0.11
80mm	—	—	128	0.59	9	0.04	29	0.13	312	1.43	76	0.35	114	0.52	0	0.00
100mm	—	—	83	0.05	34	0.02	95	0.06	4,642	2.78	4,936	2.96	3,938	2.36	34	0.02
125mm	—	—	68	1.15	135	2.28	—	—	932	15.71	28	0.47	—	—	4	0.06
150mm	—	—	170	0.11	—	—	1,428	0.96	6,700	4.52	2,251	1.52	1,193	0.81	48	0.03
200mm	—	—	1,245	0.35	113	0.03	173	0.05	9,351	2.64	5,998	1.69	2,927	0.83	87	0.02
250mm	—	—	4	0.01	—	—	—	—	243	0.49	20	0.04	4	0.01	12	0.02
300mm	—	—	246	0.07	132	0.04	171	0.05	1,354	0.37	—	—	992	0.27	264	0.07
350mm	—	—	—	—	437	1.28	—	—	33	0.10	—	—	—	—	35	0.10
400mm	—	—	3	0.00	4,987	2.44	154	0.08	604	0.30	—	—	4	0.00	285	0.14
450mm	—	—	—	—	—	—	—	—	76	0.48	—	—	—	—	5	0.03
500mm	—	—	—	—	402	0.22	159	0.09	591	0.32	—	—	—	—	202	0.11
600mm	—	—	—	—	1,175	0.42	—	—	1,532	0.54	—	—	—	—	221	0.08
700mm	—	—	—	—	273	0.25	97	0.09	459	0.42	—	—	—	—	42	0.04
800mm	—	—	—	—	5,294	2.11	—	—	2,737	1.09	—	—	—	—	462	0.18
900mm	—	—	—	—	6	0.00	108	0.08	422	0.30	—	—	—	—	101	0.07
1,000mm	489	0.14	—	—	—	—	—	—	—	—	—	—	—	—	1,014	0.30
1,100mm	—	—	—	—	—	—	—	—	4,486	8.79	—	—	—	—	201	0.39
1,200mm	—	—	—	—	—	—	—	—	—	—	—	—	—	—	767	0.24
1,350mm	87,131	32.63	—	—	—	—	3,205	1.20	2,602	0.97	—	—	—	—	—	—
1,500mm	77,440	19.45	—	—	—	—	—	—	—	—	—	—	—	—	122	0.03
1,650mm	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28	0.14
over1,750mm	342,585	27.05	—	—	—	—	—	—	—	—	—	—	—	—	21,510	1.70

Table 21 The Water Meters

unit : set

Period & Branch	Total			13 mm			20 mm			25 mm		
	Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter	
		Practicability	Spare		Practicability	Spare		Practicability	Spare		Practicability	Spare
End of 1974	...	...	...	...	...	...	...	...	...	...	...	...
End of 1975	424	800,027	54,207	—	728,776	35,904	—	55,614	11,570	—	11,532	4,694
End of 1976	632	948,832	129,297	—	850,311	106,132	—	77,673	13,931	—	16,152	6,766
End of 1977	707	1,097,506	145,704	—	958,232	115,967	—	112,924	18,562	—	20,834	8,080
End of 1978	789	1,262,100	129,688	—	1,048,013	96,749	—	179,891	22,124	—	27,100	7,602
End of 1979	888	1,444,426	166,595	—	1,118,729	127,052	—	281,445	29,052	—	34,899	7,368
End of 1980	926	1,662,578	216,703	—	1,176,021	177,051	—	430,774	28,115	—	42,809	8,069
End of 1981	983	1,877,966	223,838	—	1,220,684	175,062	—	588,531	36,324	—	51,592	8,312
End of 1982	1,068	2,095,266	232,836	—	1,261,696	174,095	—	751,620	46,456	—	60,771	7,763
End of 1983	1,304	2,257,739	189,398	—	1,288,731	126,335	—	876,482	50,685	—	68,279	7,960
End of 1984	1,467	2,412,387	208,145	8	1,301,662	140,268	—	1,007,277	54,101	—	75,991	8,236
End of 1985	1,577	2,549,360	240,269	8	1,306,319	154,585	—	1,129,002	71,096	—	83,662	9,961
End of 1986	1,648	2,676,818	239,500	8	1,305,893	172,943	—	1,247,834	54,137	—	90,074	7,386
End of 1987	1,790	2,807,542	240,762	—	1,303,317	171,516	—	1,372,340	56,377	—	96,548	7,845
End of 1988	1,906	2,963,338	269,817	—	1,299,989	176,161	—	1,517,160	78,364	—	108,268	9,179
End of 1989	2,049	3,112,076	284,699	—	1,293,563	183,413	—	1,647,694	84,972	—	129,477	10,286
End of 1990	2,157	3,250,430	321,584	—	1,287,645	189,232	—	1,766,952	113,499	—	151,302	12,948
End of 1991	2,244	3,394,352	315,383	—	1,280,042	193,733	—	1,887,459	103,616	—	178,701	12,744
End of 1992	2,304	3,557,298	463,137	—	1,268,335	199,049	—	2,027,381	235,482	—	209,109	21,427
End of 1993	2,395	3,808,398	418,364	—	1,259,089	221,199	—	2,234,355	163,897	—	257,057	23,358
End of 1994	2,364	4,179,375	267,834	—	1,250,447	110,204	—	2,517,575	117,431	—	346,058	30,802
End of 1995	2,500	4,504,879	375,427	—	1,238,518	104,485	—	2,740,879	213,883	—	453,500	45,516
End of 1996	2,783	4,754,798	347,377	—	1,224,880	93,841	—	2,896,838	196,590	—	555,889	41,995
End of 1997	2,890	4,951,527	329,607	—	1,210,408	94,957	—	3,008,004	184,237	—	651,468	36,691
End of 1998	2,972	5,125,356	342,503	—	1,198,556	106,570	—	3,095,815	180,128	—	745,668	43,112
End of 1999	3,010	5,283,541	404,521	—	1,185,834	141,106	—	3,163,035	207,164	—	845,291	41,212
End of 2000	2,978	5,395,255	282,864	—	1,172,600	60,964	—	3,218,817	158,377	—	912,268	47,024
End of 2001	3,047	5,464,802	284,643	—	1,163,110	86,254	—	3,257,854	131,684	—	951,874	48,602
End of 2002	3,164	5,538,863	344,117	—	1,154,009	78,755	—	3,301,318	213,177	—	989,518	33,948
End of 2003	3,269	5,642,321	297,585	—	1,145,352	34,509	—	3,363,769	185,388	—	1,036,867	64,726
End of 2004	3,114	5,750,828	339,170	—	1,130,173	33,419	—	3,448,005	238,840	—	1,074,075	49,535
End of 2005	3,172	5,872,202	359,342	—	1,117,144	115,749	—	3,556,163	138,797	—	1,097,886	91,586
End of 2006	3,245	6,006,245	330,069	—	1,108,117	99,509	—	3,650,962	157,926	—	1,144,233	60,868
End of 2007	3,246	6,140,948	394,053	—	1,095,357	154,000	—	3,756,973	156,177	—	1,182,245	72,302
End of 2008	3,332	6,257,580	130,533	—	1,088,837	45,533	—	3,841,756	52,110	—	1,218,726	21,874
End of 2009	3,402	6,344,592	107,175	—	1,083,969	31,534	—	3,899,387	47,381	—	1,250,303	19,451
End of 2010	3,408	6,427,644	148,398	—	1,078,387	24,761	—	3,959,831	94,098	—	1,276,085	22,011
End of 2011	3,402	6,512,830	96,197	—	1,072,907	25,056	—	4,026,072	50,361	—	1,298,437	15,248
End of 2012	3,349	6,600,226	139,770	—	1,065,717	28,149	—	4,089,768	94,013	—	1,326,786	11,853
End of 2013	3,359	6,698,870	86,973	—	1,060,926	31,452	—	4,161,359	35,064	—	1,355,179	15,945
End of 2014	3,341	6,800,333	163,141	—	1,056,533	46,599	—	4,234,107	88,528	—	1,385,376	17,554
End of 2015	3,362	6,912,292	157,112	—	1,052,688	50,046	—	4,317,351	71,727	—	1,415,498	24,643
End of 2016	3,409	7,028,525	172,958	—	1,048,691	48,843	—	4,396,855	91,021	—	1,454,073	22,899
End of 2017	3,437	7,135,651	147,768	—	1,045,300	39,677	—	4,474,442	64,704	—	1,484,770	32,347

**Table 21 The Water Meters**

unit : set

Period & Branch	Total			13 mm			20 mm			25 mm		
	Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter	
		Practicability	Spare		Practicability	Spare		Practicability	Spare		Practicability	Spare
<b>End of 2018</b>	<b>3,505</b>	<b>7,248,974</b>	<b>119,238</b>	<b>—</b>	<b>1,041,953</b>	<b>22,328</b>	<b>—</b>	<b>4,557,184</b>	<b>64,058</b>	<b>—</b>	<b>1,516,739</b>	<b>21,908</b>
1st Branch	236	450,463	4,553	—	56,819	681	—	193,342	1,884	—	191,222	1,355
2nd Branch	98	907,123	9,609	—	32,191	451	—	554,135	5,339	—	297,172	2,605
3rd Branch	188	536,375	7,065	—	58,760	615	—	371,894	4,623	—	97,710	1,276
4th Branch	464	1,211,527	17,667	—	114,484	5,659	—	1,036,627	8,771	—	44,630	1,366
5th Branch	557	528,264	5,056	—	165,556	1,196	—	197,605	2,486	—	160,791	911
6th Branch	340	733,906	17,088	—	142,971	3,293	—	510,576	10,347	—	70,545	2,499
7th Branch	674	1,247,062	22,930	—	283,665	3,223	—	719,159	14,243	—	224,191	4,000
8th Branch	126	177,680	4,964	—	12,798	210	—	98,316	3,945	—	64,249	634
9th Branch	208	112,349	1,337	—	22,608	283	—	72,138	649	—	16,115	329
10th Branch	162	68,382	8,398	—	21,157	4,072	—	43,329	3,122	—	3,348	1,062
11th Branch	366	383,788	4,855	—	59,638	725	—	315,543	3,309	—	5,817	443
12th Branch	86	892,055	15,716	—	71,306	1,920	—	444,520	5,340	—	340,949	5,428

Table 21 The Water Meters

unit : set

Period & Branch	40 mm			50 mm			75 mm			100 mm			150 mm		
	Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter	
		Practicability	Spare		Practicability	Spare		Practicability	Spare		Practicability	Spare		Practicability	Spare
End of 1974	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
End of 1975	13	1,980	1,057	16	906	415	86	651	268	101	420	199	77	83	57
End of 1976	14	2,335	1,350	23	1,018	482	126	708	299	141	480	221	110	84	69
End of 1977	14	2,803	1,563	25	1,153	636	133	842	404	156	543	330	133	106	93
End of 1978	15	3,877	1,556	28	1,414	615	142	1,003	471	184	618	371	136	113	125
End of 1979	15	5,635	1,582	30	1,607	607	149	1,239	400	205	664	352	165	128	107
End of 1980	16	8,834	1,930	33	1,798	606	149	1,405	383	214	703	366	177	147	104
End of 1981	17	12,569	2,338	36	2,049	679	155	1,545	492	222	750	422	192	155	121
End of 1982	19	16,100	2,501	39	2,254	860	160	1,741	490	231	821	446	209	166	131
End of 1983	15	18,780	2,334	42	2,477	862	192	1,850	516	264	860	471	262	179	143
End of 1984	15	21,509	3,377	42	2,727	946	206	1,973	510	282	951	463	287	197	144
End of 1985	16	23,890	2,444	54	2,968	898	230	2,091	560	288	1,118	473	302	206	143
End of 1986	16	26,152	2,899	56	3,123	901	227	2,251	523	299	1,167	453	314	218	137
End of 1987	—	28,101	3,132	95	3,306	743	244	2,387	455	307	1,199	439	354	236	129
End of 1988	—	30,298	4,194	100	3,479	762	251	2,543	457	325	1,245	441	365	245	132
End of 1989	—	33,200	4,158	—	3,744	702	108	2,735	444	588	1,279	447	409	265	141
End of 1990	—	35,728	3,989	—	4,099	732	113	2,966	437	597	1,328	459	437	279	158
End of 1991	—	38,585	3,384	—	4,497	739	100	3,229	420	614	1,396	457	456	298	160
End of 1992	—	41,996	5,216	—	5,019	743	105	3,535	430	613	1,469	474	478	303	180
End of 1993	—	46,237	6,800	—	5,743	1,305	366	3,885	893	359	1,554	576	505	323	187
End of 1994	—	51,608	6,796	—	7,119	1,260	348	4,380	635	355	1,680	398	490	343	180
End of 1995	—	56,496	7,400	—	8,158	2,363	367	4,920	1,001	353	1,847	572	520	375	119
End of 1996	—	60,071	11,617	—	9,079	1,864	434	5,498	801	348	1,920	541	553	416	61
End of 1997	—	63,314	10,734	—	9,668	1,725	435	5,934	646	365	2,046	405	568	461	110
End of 1998	9	65,875	9,867	53	10,237	1,491	378	6,299	663	364	2,182	409	583	484	146
End of 1999	9	69,003	11,976	52	10,667	1,579	367	6,588	802	372	2,338	426	585	522	137
End of 2000	9	73,168	11,537	50	9,252	2,857	343	6,062	1,370	374	2,280	467	569	533	142
End of 2001	9	73,804	13,988	48	9,118	2,306	342	5,936	1,166	380	2,290	411	586	532	119
End of 2002	9	75,407	15,202	53	9,417	1,515	355	6,049	909	376	2,310	387	613	545	122
End of 2003	9	77,359	10,263	60	9,657	1,508	359	6,129	680	390	2,344	339	647	544	89
End of 2004	9	79,105	14,571	57	9,952	1,446	296	6,241	848	352	2,401	367	578	563	58
End of 2005	13	81,140	9,755	56	10,219	1,720	284	6,306	1,045	343	2,433	464	617	579	106
End of 2006	9	82,428	7,179	89	10,523	2,443	283	6,527	1,042	336	2,513	759	632	589	176
End of 2007	9	85,183	9,188	97	10,929	1,010	280	6,710	732	351	2,564	395	618	602	118
End of 2008	9	86,405	8,879	96	11,275	926	282	6,923	643	370	2,621	367	636	614	101
End of 2009	9	88,710	6,957	101	11,484	953	281	7,029	458	384	2,675	230	664	614	100
End of 2010	9	90,644	5,553	101	11,702	1,038	283	7,178	487	387	2,729	239	674	639	99
End of 2011	6	92,234	3,385	104	11,947	1,171	277	7,325	534	397	2,777	284	675	656	59
End of 2012	8	94,259	3,652	111	12,221	985	262	7,502	608	390	2,828	336	652	663	62
End of 2013	8	97,217	2,556	115	12,498	992	265	7,695	456	400	2,858	308	650	670	81
End of 2014	8	99,611	6,801	107	12,759	2,239	264	7,907	577	407	2,893	480	634	679	191
End of 2015	8	101,321	6,601	103	13,141	1,911	262	8,170	1,333	402	2,959	487	641	692	190
End of 2016	8	102,839	6,403	104	13,486	1,695	263	8,388	1,224	407	3,022	570	629	707	133
End of 2017	8	104,486	7,322	104	13,781	2,300	260	8,577	900	405	3,110	321	624	722	80

**Table 21 The Water Meters**

unit : set

Period & Branch	40 mm			50 mm			75 mm			100 mm			150 mm		
	Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter	
		Practicability	Spare		Practicability	Spare		Practicability	Spare		Practicability	Spare		Practicability	Spare
<b>End of 2018</b>	<b>6</b>	<b>105,890</b>	<b>7,738</b>	<b>112</b>	<b>14,081</b>	<b>1,703</b>	<b>258</b>	<b>8,780</b>	<b>973</b>	<b>432</b>	<b>3,165</b>	<b>350</b>	<b>621</b>	<b>730</b>	<b>75</b>
1st Branch	—	7,437	496	7	735	76	5	600	37	30	218	15	34	66	4
2nd Branch	—	18,420	654	—	2,674	300	1	1,713	168	9	635	69	11	117	8
3rd Branch	—	6,345	260	4	749	117	5	539	95	28	256	47	34	59	7
4th Branch	—	12,440	1,528	—	1,958	211	10	1,014	77	31	275	37	107	49	7
5th Branch	—	3,075	349	9	799	61	19	280	29	31	112	19	131	34	3
6th Branch	1	7,035	576	4	1,529	249	11	809	79	52	303	28	51	74	10
7th Branch	3	14,046	648	62	2,467	365	160	2,311	327	91	838	73	101	252	24
8th Branch	—	1,853	70	10	255	54	3	122	27	8	70	17	12	9	2
9th Branch	—	1,209	22	6	149	34	21	82	12	51	37	5	36	7	3
10th Branch	2	423	121	10	56	7	21	53	9	50	14	5	33	2	—
11th Branch	—	2,036	286	—	488	59	2	194	19	43	55	8	65	10	3
12th Branch	—	31,571	2,728	—	2,222	170	—	1,063	94	8	352	27	6	51	4

Table 21 The Water Meters

unit : set

Period & Branch	200 mm			250 mm			300 mm			350 mm			400 mm		
	Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter	
		Practicability	Spare												
End of 1974	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
End of 1975	35	36	30	30	11	7	16	7	5	9	9	—	4	—	—
End of 1976	64	40	33	48	12	9	40	10	4	15	7	1	6	—	—
End of 1977	69	41	39	46	11	19	54	8	10	16	7	1	7	—	—
End of 1978	84	40	46	58	12	17	59	9	9	18	7	1	9	—	—
End of 1979	95	43	49	66	15	15	62	11	8	29	7	1	9	—	—
End of 1980	100	49	47	69	15	16	69	12	11	26	7	3	9	—	—
End of 1981	109	51	51	73	16	20	74	12	13	30	7	2	9	—	—
End of 1982	135	54	54	83	16	22	82	16	12	31	6	3	10	—	—
End of 1983	183	57	53	102	16	20	100	16	13	39	7	3	15	—	—
End of 1984	217	55	58	119	17	20	120	16	15	48	7	4	21	—	—
End of 1985	241	58	66	133	17	20	121	16	16	54	8	4	22	—	—
End of 1986	256	57	74	145	19	20	133	17	20	59	8	4	22	—	—
End of 1987	280	59	76	160	20	20	147	17	21	59	8	4	22	—	—
End of 1988	300	60	79	189	23	20	158	16	20	67	8	3	24	—	—
End of 1989	340	66	81	208	24	25	165	16	22	72	9	3	27	—	—
End of 1990	367	75	76	229	26	25	171	17	21	77	9	3	28	—	—
End of 1991	379	84	76	241	30	24	190	18	22	86	9	3	32	—	—
End of 1992	387	87	82	241	31	23	201	18	23	92	9	3	33	—	—
End of 1993	420	91	93	257	30	25	203	18	23	89	9	3	37	—	—
End of 1994	409	93	81	254	32	20	202	21	21	90	9	3	39	—	—
End of 1995	438	108	46	263	33	14	214	23	19	95	10	3	48	1	2
End of 1996	484	121	31	282	35	13	260	26	10	98	10	5	76	4	3
End of 1997	516	130	54	282	39	24	265	28	12	89	11	5	91	4	3
End of 1998	550	140	63	283	45	25	275	30	17	89	10	5	92	4	3
End of 1999	555	153	61	277	47	25	292	35	19	86	10	5	107	5	3
End of 2000	579	159	61	263	49	29	302	39	20	91	9	6	96	6	5
End of 2001	592	163	46	257	50	31	311	42	20	88	9	6	99	7	5
End of 2002	632	170	39	269	50	26	327	44	16	87	8	7	96	6	6
End of 2003	684	171	31	253	49	27	339	51	8	78	9	6	95	8	3
End of 2004	677	175	27	235	45	30	348	59	12	71	9	6	111	9	3
End of 2005	696	182	50	237	43	29	358	74	21	66	9	6	115	8	5
End of 2006	696	196	78	221	43	39	370	81	30	67	9	6	120	8	5
End of 2007	695	214	59	198	41	32	366	97	18	61	9	6	132	8	6
End of 2008	724	239	42	188	42	19	389	109	20	53	9	6	137	8	5
End of 2009	728	233	47	181	40	21	401	113	25	50	9	6	135	8	4
End of 2010	729	253	46	168	39	23	400	121	25	51	8	6	144	8	4
End of 2011	716	268	36	162	39	22	403	127	25	49	8	6	142	9	3
End of 2012	718	274	42	154	38	23	398	128	24	47	8	8	141	9	5
End of 2013	706	268	47	148	39	23	401	125	24	45	8	9	143	8	6
End of 2014	709	268	78	141	40	28	404	126	41	44	7	9	140	9	6
End of 2015	737	269	91	128	40	11	411	129	44	39	7	10	145	9	8
End of 2016	761	263	84	129	39	15	422	128	46	37	7	10	147	9	6
End of 2017	765	265	55	126	40	14	440	136	30	36	1	7	149	7	4

**Table 21 The Water Meters**

unit : set

Period & Branch	200 mm			250 mm			300 mm			350 mm			400 mm		
	Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter	
		Practicability	Spare		Practicability	Spare		Practicability	Spare		Practicability	Spare		Practicability	Spare
<b>End of 2018</b>	<b>795</b>	<b>256</b>	<b>48</b>	<b>126</b>	<b>38</b>	<b>16</b>	<b>439</b>	<b>136</b>	<b>31</b>	<b>36</b>	<b>1</b>	<b>2</b>	<b>151</b>	<b>7</b>	<b>5</b>
1st Branch	47	17	4	16	5	—	48	2	1	2	—	—	18	—	—
2nd Branch	6	44	9	1	5	1	10	17	4	2	—	—	7	—	1
3rd Branch	24	40	13	6	6	5	17	17	7	4	—	—	12	—	—
4th Branch	162	15	5	26	—	2	57	27	4	7	—	—	20	3	—
5th Branch	114	8	2	19	1	—	83	1	—	7	—	—	41	1	—
6th Branch	69	33	1	5	1	—	54	28	6	6	—	—	14	1	—
7th Branch	115	69	8	21	16	3	38	39	7	1	1	2	9	2	4
8th Branch	14	6	3	6	—	—	40	2	2	4	—	—	13	—	—
9th Branch	47	3	—	15	—	—	23	1	—	—	—	—	—	—	—
10th Branch	34	—	—	1	—	—	6	—	—	—	—	—	—	—	—
11th Branch	158	3	1	10	3	2	56	1	—	3	—	—	14	—	—
12th Branch	5	18	2	—	1	3	7	1	—	—	—	—	3	—	—

Table 21 The Water Meters

unit : set

Period & Branch	450 mm			500 mm			600 mm			700 mm			800 mm			over800mm		
	Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter	
		Practicability	Spare															
End of 1974	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
End of 1975	2	—	—	12	1	1	15	1	—	3	—	—	2	—	—	3	—	—
End of 1976	2	—	—	14	1	—	17	1	—	2	—	—	5	—	—	5	—	—
End of 1977	2	—	—	19	1	—	19	1	—	2	—	—	6	—	—	6	—	—
End of 1978	2	—	—	20	2	2	20	1	—	2	—	—	6	—	—	6	—	—
End of 1979	2	—	—	23	2	2	22	1	—	2	—	—	8	—	—	6	1	—
End of 1980	2	—	—	23	2	2	23	1	—	2	—	—	8	—	—	6	1	—
End of 1981	2	—	—	24	2	2	23	1	—	2	—	—	9	—	—	6	2	—
End of 1982	2	—	—	25	2	2	23	1	—	2	—	—	9	—	—	8	2	1
End of 1983	2	—	—	30	2	2	24	1	—	3	—	—	11	—	—	20	2	1
End of 1984	4	—	—	32	2	2	30	1	—	3	—	—	11	—	—	22	2	1
End of 1985	6	—	—	32	2	2	29	1	—	3	—	—	12	—	—	26	2	1
End of 1986	6	—	—	33	2	2	29	1	—	3	—	—	12	—	—	30	2	1
End of 1987	7	—	—	32	1	3	30	1	—	5	—	—	12	—	—	36	2	2
End of 1988	8	—	—	34	1	3	30	1	—	5	—	—	14	—	—	36	2	2
End of 1989	8	—	—	37	1	3	32	1	—	4	—	—	14	—	—	37	2	2
End of 1990	7	—	—	37	1	3	33	1	—	5	—	—	14	—	—	42	2	2
End of 1991	9	—	—	39	1	3	33	1	—	6	—	—	14	—	—	45	2	2
End of 1992	10	—	—	44	2	3	35	1	—	6	—	—	15	—	—	44	3	2
End of 1993	13	—	—	45	3	3	32	1	—	6	—	—	14	—	—	49	3	2
End of 1994	15	1	—	44	5	1	35	1	—	9	—	—	17	—	—	57	3	2
End of 1995	17	1	1	51	10	3	38	—	—	10	—	—	19	—	—	67	—	—
End of 1996	16	1	1	61	5	2	40	2	—	13	—	—	26	—	—	92	3	2
End of 1997	20	1	1	65	7	1	50	4	2	13	—	—	29	—	—	102	—	—
End of 1998	21	—	1	65	7	1	52	4	2	14	—	—	33	—	—	111	—	—
End of 1999	21	1	1	71	7	2	54	5	3	13	—	—	34	—	—	115	—	—
End of 2000	22	1	—	65	7	2	54	5	3	14	—	—	34	—	—	113	—	—
End of 2001	21	1	—	74	7	2	60	5	3	17	—	—	36	—	—	127	—	—
End of 2002	21	1	—	75	6	5	60	2	—	17	—	—	40	—	—	134	—	—
End of 2003	17	1	—	72	7	5	63	1	—	16	—	—	43	—	—	144	3	3
End of 2004	17	1	—	77	7	5	67	2	—	16	—	—	44	—	—	159	6	3
End of 2005	17	1	—	78	7	6	68	2	—	16	—	—	44	—	—	164	6	3
End of 2006	17	1	—	91	7	6	72	2	—	18	—	—	46	—	—	178	6	3
End of 2007	17	—	1	95	8	5	78	2	1	19	—	—	48	—	—	182	6	3
End of 2008	15	—	—	99	8	5	84	2	1	18	—	—	50	—	—	182	6	2
End of 2009	16	—	—	104	8	5	86	2	1	18	—	—	51	2	—	193	6	2
End of 2010	16	—	—	101	9	5	82	3	1	18	—	—	50	2	—	195	6	2
End of 2011	16	—	—	101	11	4	85	5	1	18	—	—	51	2	—	200	6	2
End of 2012	15	—	—	99	11	7	85	6	1	19	—	—	52	5	—	198	3	2
End of 2013	15	—	—	100	10	7	88	2	1	21	—	—	56	5	—	198	3	2
End of 2014	11	—	—	102	10	7	90	1	1	21	—	—	56	3	—	203	4	2
End of 2015	12	—	—	102	10	8	91	1	—	22	—	—	56	3	—	203	4	2
End of 2016	11	—	—	104	10	7	100	1	—	22	—	—	58	3	—	207	4	2
End of 2017	11	—	—	104	6	6	103	1	—	22	—	—	61	3	—	219	4	1

Table 21 The Water Meters

unit : set

Period & Branch	450 mm			500 mm			600 mm			700 mm			800 mm			over800mm		
	Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter		Management Water Meter	Consumer Water Meter	
		Practicability	Spare		Practicability	Spare		Practicability	Spare		Practicability	Spare		Practicability	Spare		Practicability	Spare
<b>End of 2018</b>	<b>9</b>	—	—	<b>103</b>	<b>6</b>	<b>3</b>	<b>104</b>	<b>1</b>	—	<b>23</b>	—	—	<b>60</b>	<b>3</b>	—	<b>230</b>	<b>4</b>	—
1st Branch	—	—	—	5	—	—	7	—	—	4	—	—	2	—	—	11	—	—
2nd Branch	—	—	—	2	—	—	10	—	—	2	—	—	8	—	—	29	—	—
3rd Branch	2	—	—	9	—	—	16	—	—	2	—	—	9	—	—	16	—	—
4th Branch	2	—	—	6	2	—	3	—	—	—	—	—	9	2	—	24	1	—
5th Branch	1	—	—	36	1	—	25	—	—	6	—	—	7	—	—	28	—	—
6th Branch	1	—	—	11	—	—	12	1	—	4	—	—	13	—	—	32	—	—
7th Branch	—	—	—	8	2	3	15	—	—	1	—	—	8	1	—	41	3	—
8th Branch	—	—	—	5	—	—	7	—	—	1	—	—	—	—	—	3	—	—
9th Branch	1	—	—	3	—	—	1	—	—	—	—	—	2	—	—	2	—	—
10th Branch	—	—	—	4	—	—	1	—	—	—	—	—	—	—	—	—	—	—
11th Branch	2	—	—	9	—	—	1	—	—	2	—	—	—	—	—	1	—	—
12th Branch	—	—	—	5	1	—	6	—	—	1	—	—	2	—	—	43	—	—

Table 22 Annual Balance Sheet

Unit: \$1,000

Item	FY 1974		FY 1975		FY 1976		FY 1977	
	Amount	Percentage (%)						
<b>Assets</b>	<b>2,860,236</b>	<b>100.00</b>	<b>5,209,373</b>	<b>100.00</b>	<b>7,364,804</b>	<b>100.00</b>	<b>9,043,713</b>	<b>100.00</b>
<b>Current Assets</b>	<b>360,405</b>	<b>12.60</b>	<b>732,568</b>	<b>14.06</b>	<b>983,094</b>	<b>13.35</b>	<b>1,182,823</b>	<b>13.08</b>
Cash	116,656		388,878		521,175		446,551	
Receivables	15,607		32,791		34,950		33,666	
Inventories	174,962		238,983		283,663		282,041	
Prepayments	6,652		67,386		115,809		101,685	
Short-Term Advance Pay	46,493		4,503		27,337		318,871	
Short-Term Investments	35		27		160		9	
Other Current Assets	—		—		—		—	
<b>Funds, Investments and Long-Term</b>	<b>12,022</b>	<b>0.42</b>	<b>12,642</b>	<b>0.24</b>	<b>317,381</b>	<b>4.31</b>	<b>22,710</b>	<b>0.25</b>
<b>Accounts Receivables</b>								
Funds	—		—		—		10,208	
Long-Term Accounts Receivables	12,022		12,642		317,381		12,502	
Long-Term Investments	—		—		—		—	
<b>Fixed Assets</b>	<b>2,349,557</b>	<b>82.15</b>	<b>4,326,358</b>	<b>83.05</b>	<b>5,888,977</b>	<b>79.96</b>	<b>7,698,185</b>	<b>85.12</b>
Land	183,765		224,959		247,072		250,301	
Land Improvements	—		—		—		—	
Buildings and Structures	136,294		210,896		235,146		226,606	
Machinery and Equipment	1,579,225		2,096,941		2,549,235		3,173,993	
Transportation Equipment	17,468		20,223		27,133		32,054	
Miscellaneous Equipment	35,141		22,114		19,888		22,296	
Fixed Assets in Process	397,664		1,751,225		2,810,503		3,992,935	
Accumulated loss-Fixed Assets	—		—		—		—	
<b>Intangible Assets</b>	<b>—</b>		<b>—</b>		<b>—</b>		<b>—</b>	
<b>Other Assets</b>	<b>138,252</b>	<b>4.83</b>	<b>137,805</b>	<b>2.65</b>	<b>175,352</b>	<b>2.38</b>	<b>139,995</b>	<b>1.55</b>
<b>Liabilities</b>	<b>772,840</b>	<b>27.02</b>	<b>2,089,161</b>	<b>40.10</b>	<b>3,286,620</b>	<b>44.63</b>	<b>4,175,681</b>	<b>46.17</b>
<b>Current Liabilities</b>	<b>146,513</b>	<b>5.12</b>	<b>358,774</b>	<b>6.89</b>	<b>520,115</b>	<b>7.06</b>	<b>595,794</b>	<b>6.59</b>
Short-Term Debts	60,125		188,922		160,661		208,271	
Payables	76,177		142,610		340,744		365,866	
Advance Receipts	10,211		27,242		18,710		21,657	
<b>Long-Term Liabilities</b>	<b>603,151</b>	<b>21.09</b>	<b>1,683,019</b>	<b>32.31</b>	<b>2,696,545</b>	<b>36.61</b>	<b>3,522,424</b>	<b>38.95</b>
<b>Other Liabilities</b>	<b>23,176</b>	<b>0.81</b>	<b>47,368</b>	<b>0.91</b>	<b>69,960</b>	<b>0.95</b>	<b>57,463</b>	<b>0.64</b>
<b>Owner's Equity</b>	<b>2,087,396</b>	<b>72.98</b>	<b>3,120,212</b>	<b>59.90</b>	<b>4,078,184</b>	<b>55.37</b>	<b>4,868,032</b>	<b>53.83</b>
<b>Capital</b>	<b>2,095,971</b>	<b>73.28</b>	<b>3,038,382</b>	<b>58.33</b>	<b>3,775,130</b>	<b>51.26</b>	<b>4,324,334</b>	<b>47.82</b>
<b>Surplus and Earnings</b>	<b>-8,575</b>	<b>-0.30</b>	<b>81,830</b>	<b>1.57</b>	<b>303,054</b>	<b>4.11</b>	<b>543,698</b>	<b>6.01</b>
Capital Surplus	3,026		31,284		70,556		206,506	
Operating Surplus	—		50,546		232,498		337,192	
Accumulated Profit	-11,601		—		—		—	
<b>Other Owner's Equity</b>	<b>—</b>		<b>—</b>		<b>—</b>		<b>—</b>	

Table 22 Annual Balance Sheet

Unit: \$1,000

Item	FY 1978		FY 1979		FY 1980		FY 1981	
	Amount	Percentage (%)						
<b>Assets</b>	<b>10,138,874</b>	<b>100.00</b>	<b>11,124,506</b>	<b>100.00</b>	<b>13,214,905</b>	<b>100.00</b>	<b>17,755,860</b>	<b>100.00</b>
<b>Current Assets</b>	<b>650,642</b>	<b>6.42</b>	<b>645,668</b>	<b>5.80</b>	<b>1,108,500</b>	<b>8.39</b>	<b>1,365,002</b>	<b>7.69</b>
Cash	296,523		196,811		362,386		318,279	
Receivables	31,099		33,580		38,990		53,590	
Inventories	255,392		310,125		504,891		802,970	
Prepayments	62,298		96,470		174,575		117,634	
Short-Term Advance Pay	5,330		8,682		27,658		72,529	
Short-Term Investments	—		—		—		—	
Other Current Assets	—		—		—		—	
<b>Funds, Investments and Long-Term</b>	<b>8,168</b>	<b>0.08</b>	<b>367</b>	<b>0.00</b>	<b>273</b>	<b>0.00</b>	<b>188</b>	<b>0.00</b>
<b>Accounts Receivables</b>								
Funds	7,714		—		—		—	
Long-Term Accounts Receivables	454		367		273		188	
Long-Term Investments	—		—		—		—	
<b>Fixed Assets</b>	<b>9,338,010</b>	<b>92.10</b>	<b>10,340,588</b>	<b>92.95</b>	<b>11,952,130</b>	<b>90.44</b>	<b>16,199,064</b>	<b>91.23</b>
Land	256,576		274,178		287,367		327,212	
Land Improvements	—		—		—		—	
Buildings and Structures	281,529		426,343		473,806		528,540	
Machinery and Equipment	4,310,855		5,830,153		7,198,817		10,811,572	
Transportation Equipment	45,613		62,131		93,870		90,368	
Miscellaneous Equipment	29,464		32,040		34,706		33,985	
Fixed Assets in Process	4,413,973		3,715,743		3,863,564		4,407,387	
Accumulated loss-Fixed Assets	—		—		—		—	
<b>Intangible Assets</b>	<b>—</b>		<b>—</b>		<b>—</b>		<b>—</b>	
<b>Other Assets</b>	<b>142,054</b>	<b>1.40</b>	<b>137,883</b>	<b>1.24</b>	<b>154,002</b>	<b>1.17</b>	<b>191,606</b>	<b>1.08</b>
<b>Liabilities</b>	<b>5,127,882</b>	<b>50.58</b>	<b>5,599,067</b>	<b>50.33</b>	<b>6,355,537</b>	<b>48.09</b>	<b>7,757,993</b>	<b>43.69</b>
<b>Current Liabilities</b>	<b>802,097</b>	<b>7.91</b>	<b>1,207,766</b>	<b>10.86</b>	<b>1,010,523</b>	<b>7.65</b>	<b>1,588,058</b>	<b>8.94</b>
Short-Term Debts	428,674		717,711		477,722		883,831	
Payables	350,800		456,058		472,730		663,502	
Advance Receipts	22,623		33,997		60,071		40,725	
<b>Long-Term Liabilities</b>	<b>4,261,283</b>	<b>42.03</b>	<b>4,300,674</b>	<b>38.66</b>	<b>5,246,998</b>	<b>39.71</b>	<b>6,043,506</b>	<b>34.04</b>
<b>Other Liabilities</b>	<b>64,502</b>	<b>0.64</b>	<b>90,627</b>	<b>0.81</b>	<b>98,016</b>	<b>0.74</b>	<b>126,429</b>	<b>0.71</b>
<b>Owner's Equity</b>	<b>5,010,992</b>	<b>49.42</b>	<b>5,525,439</b>	<b>49.67</b>	<b>6,859,368</b>	<b>51.91</b>	<b>9,997,867</b>	<b>56.31</b>
<b>Capital</b>	<b>4,334,363</b>	<b>42.75</b>	<b>4,629,248</b>	<b>41.61</b>	<b>5,119,520</b>	<b>38.74</b>	<b>6,257,204</b>	<b>35.24</b>
<b>Surplus and Earnings</b>	<b>676,629</b>	<b>6.67</b>	<b>896,191</b>	<b>8.06</b>	<b>1,739,848</b>	<b>13.17</b>	<b>3,740,663</b>	<b>21.07</b>
Capital Surplus	295,615		468,850		1,060,005		3,160,794	
Operating Surplus	381,014		427,341		679,843		679,843	
Accumulated Profit	—		—		—		-99,974	
<b>Other Owner's Equity</b>	<b>—</b>		<b>—</b>		<b>—</b>		<b>—</b>	

Table 22 Annual Balance Sheet

Unit: \$1,000

Item	FY 1982		FY 1983		FY 1984		FY 1985	
	Amount	Percentage (%)						
<b>Assets</b>	<b>23,156,492</b>	<b>100.00</b>	<b>26,722,119</b>	<b>100.00</b>	<b>29,814,378</b>	<b>100.00</b>	<b>35,935,219</b>	<b>100.00</b>
<b>Current Assets</b>	<b>2,160,916</b>	<b>9.33</b>	<b>1,628,405</b>	<b>6.09</b>	<b>1,700,212</b>	<b>5.70</b>	<b>933,817</b>	<b>2.60</b>
Cash	1,031,740		575,755		684,528		190,216	
Receivables	55,001		62,361		96,059		84,865	
Inventories	781,811		723,576		478,667		411,996	
Prepayments	194,555		145,914		385,047		195,850	
Short-Term Advance Pay	97,809		120,799		55,911		50,890	
Short-Term Investments	—		—		—		—	
Other Current Assets	—		—		—		—	
<b>Funds, Investments and Long-Term</b>	<b>97</b>	<b>0.00</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Accounts Receivables</b>								
Funds	—		—		—		—	
Long-Term Accounts Receivables	97		—		—		—	
Long-Term Investments	—		—		—		—	
<b>Fixed Assets</b>	<b>20,773,325</b>	<b>89.71</b>	<b>24,821,096</b>	<b>92.89</b>	<b>27,810,572</b>	<b>93.28</b>	<b>34,704,040</b>	<b>96.57</b>
Land	356,019		388,296		468,949		1,868,393	
Land Improvements	—		—		—		—	
Buildings and Structures	580,148		748,564		900,056		1,305,558	
Machinery and Equipment	13,144,304		16,439,008		19,028,962		25,101,798	
Transportation Equipment	99,293		107,962		110,649		151,616	
Miscellaneous Equipment	36,770		99,070		96,601		94,480	
Fixed Assets in Process	6,556,791		7,038,196		7,205,355		6,182,195	
Accumulated loss-Fixed Assets	—		—		—		—	
<b>Intangible Assets</b>	<b>—</b>		<b>—</b>		<b>—</b>		<b>—</b>	
<b>Other Assets</b>	<b>222,154</b>	<b>0.96</b>	<b>272,618</b>	<b>1.02</b>	<b>303,594</b>	<b>1.02</b>	<b>297,362</b>	<b>0.83</b>
<b>Liabilities</b>	<b>9,545,614</b>	<b>41.22</b>	<b>10,094,053</b>	<b>37.77</b>	<b>11,336,113</b>	<b>38.02</b>	<b>11,602,302</b>	<b>32.29</b>
<b>Current Liabilities</b>	<b>1,265,415</b>	<b>5.46</b>	<b>1,771,277</b>	<b>6.63</b>	<b>1,206,602</b>	<b>4.05</b>	<b>1,509,961</b>	<b>4.20</b>
Short-Term Debts	676,883		947,493		—		188,939	
Payables	548,969		794,971		1,139,198		1,243,328	
Advance Receipts	39,563		28,813		67,404		77,694	
<b>Long-Term Liabilities</b>	<b>8,097,470</b>	<b>34.97</b>	<b>8,191,612</b>	<b>30.65</b>	<b>9,943,360</b>	<b>33.35</b>	<b>9,927,361</b>	<b>27.63</b>
<b>Other Liabilities</b>	<b>182,729</b>	<b>0.79</b>	<b>131,164</b>	<b>0.49</b>	<b>186,151</b>	<b>0.62</b>	<b>164,980</b>	<b>0.46</b>
<b>Owner's Equity</b>	<b>13,610,878</b>	<b>58.78</b>	<b>16,628,066</b>	<b>62.23</b>	<b>18,478,265</b>	<b>61.98</b>	<b>24,332,917</b>	<b>67.71</b>
<b>Capital</b>	<b>8,337,015</b>	<b>36.00</b>	<b>9,670,728</b>	<b>36.19</b>	<b>10,161,673</b>	<b>34.08</b>	<b>10,553,861</b>	<b>29.37</b>
<b>Surplus and Earnings</b>	<b>5,273,863</b>	<b>22.77</b>	<b>6,957,338</b>	<b>26.04</b>	<b>8,316,592</b>	<b>27.89</b>	<b>13,779,056</b>	<b>38.34</b>
Capital Surplus	4,651,564		5,818,555		6,811,382		11,864,637	
Operating Surplus	679,843		725,737		762,380		803,301	
Accumulated Profit	-57,544		413,046		742,830		1,111,118	
<b>Other Owner's Equity</b>	<b>—</b>		<b>—</b>		<b>—</b>		<b>—</b>	



Table 22 Annual Balance Sheet

Unit:\$1,000

Item	FY 1990		FY 1991		FY 1992		FY 1993	
	Amount	Percentage (%)						
<b>Assets</b>	<b>57,649,720</b>	<b>100.00</b>	<b>67,754,849</b>	<b>100.00</b>	<b>77,898,424</b>	<b>100.00</b>	<b>86,391,090</b>	<b>100.00</b>
<b>Current Assets</b>	<b>3,107,174</b>	<b>5.39</b>	<b>4,735,640</b>	<b>6.99</b>	<b>5,936,642</b>	<b>7.62</b>	<b>3,026,330</b>	<b>3.50</b>
Cash	469,751		541,187		974,092		367,882	
Receivables	345,777		974,172		1,105,917		720,561	
Inventories	480,985		476,266		381,568		473,209	
Prepayments	1,326,145		2,564,189		3,355,787		1,339,820	
Short-Term Advance Pay	478,801		162,581		105,002		113,817	
Short-Term Investments	5,714		17,245		14,275		11,039	
Other Current Assets	—		—		—		—	
<b>Funds, Investments and Long-Term</b>	<b>47,220</b>	<b>0.08</b>	<b>45,553</b>	<b>0.07</b>	<b>47,347</b>	<b>0.06</b>	<b>40,838</b>	<b>0.05</b>
<b>Accounts Receivables</b>								
Funds	47,220		45,553		47,347		40,838	
Long-Term Accounts Receivables	—		—		—		—	
Long-Term Investments	—		—		—		—	
<b>Fixed Assets</b>	<b>53,928,102</b>	<b>93.54</b>	<b>61,654,207</b>	<b>91.00</b>	<b>70,308,714</b>	<b>90.26</b>	<b>80,970,520</b>	<b>93.73</b>
Land	2,574,493		2,839,070		3,305,547		3,851,482	
Land Improvements	—		—		—		463,175	
Buildings and Structures	1,799,255		1,950,527		1,999,192		1,971,123	
Machinery and Equipment	37,127,373		42,264,158		47,197,889		52,042,152	
Transportation Equipment	283,637		317,810		354,505		125,725	
Miscellaneous Equipment	81,390		115,760		126,220		102,850	
Fixed Assets in Process	12,061,952		14,166,881		17,325,362		22,414,012	
Accumulated loss-Fixed Assets	—		—		—		—	
<b>Intangible Assets</b>	<b>—</b>		<b>—</b>		<b>—</b>		<b>—</b>	
<b>Other Assets</b>	<b>567,224</b>	<b>0.98</b>	<b>1,319,450</b>	<b>1.95</b>	<b>1,605,722</b>	<b>2.06</b>	<b>2,353,402</b>	<b>2.72</b>
<b>Liabilities</b>	<b>19,453,595</b>	<b>33.74</b>	<b>25,778,493</b>	<b>38.05</b>	<b>30,954,629</b>	<b>39.74</b>	<b>35,840,262</b>	<b>41.49</b>
<b>Current Liabilities</b>	<b>2,131,459</b>	<b>3.70</b>	<b>2,429,838</b>	<b>3.59</b>	<b>4,050,626</b>	<b>5.20</b>	<b>8,168,121</b>	<b>9.45</b>
Short-Term Debts	203,747		209,165		181,490		3,837,423	
Payables	1,677,975		1,924,282		2,202,857		3,461,324	
Advance Receipts	249,737		296,391		1,666,278		869,374	
<b>Long-Term Liabilities</b>	<b>16,765,666</b>	<b>29.08</b>	<b>22,876,769</b>	<b>33.76</b>	<b>26,290,826</b>	<b>33.75</b>	<b>26,876,748</b>	<b>31.11</b>
<b>Other Liabilities</b>	<b>556,469</b>	<b>0.97</b>	<b>471,885</b>	<b>0.70</b>	<b>613,177</b>	<b>0.79</b>	<b>795,393</b>	<b>0.92</b>
<b>Owner's Equity</b>	<b>38,196,125</b>	<b>66.26</b>	<b>41,976,356</b>	<b>61.95</b>	<b>46,943,796</b>	<b>60.26</b>	<b>50,550,829</b>	<b>58.51</b>
<b>Capital</b>	<b>20,952,553</b>	<b>36.34</b>	<b>30,169,661</b>	<b>44.53</b>	<b>32,438,272</b>	<b>41.64</b>	<b>35,596,180</b>	<b>41.20</b>
<b>Surplus and Earnings</b>	<b>17,243,571</b>	<b>29.91</b>	<b>10,256,140</b>	<b>15.14</b>	<b>12,957,768</b>	<b>16.63</b>	<b>14,898,862</b>	<b>17.25</b>
Capital Surplus	13,832,170		6,822,745		9,028,886		11,342,690	
Operating Surplus	3,171,647		3,347,475		3,397,024		3,213,507	
Accumulated Profit	239,755		85,920		531,858		342,665	
<b>Other Owner's Equity</b>	<b>—</b>		<b>1,550,555</b>	<b>2.29</b>	<b>1,547,756</b>	<b>1.99</b>	<b>55,787</b>	<b>0.06</b>

Table 22 Annual Balance Sheet

Unit:\$1,000

Item	FY 1994		FY 1995		FY 1996		FY 1997	
	Amount	Percentage (%)						
<b>Assets</b>	<b>157,314,696</b>	<b>100.00</b>	<b>173,289,740</b>	<b>100.00</b>	<b>194,463,292</b>	<b>100.00</b>	<b>202,153,345</b>	<b>100.00</b>
<b>Current Assets</b>	<b>2,978,498</b>	<b>1.89</b>	<b>2,782,003</b>	<b>1.61</b>	<b>2,602,363</b>	<b>1.34</b>	<b>2,205,422</b>	<b>1.09</b>
Cash	397,677		519,427		552,791		622,880	
Receivables	1,103,647		870,690		661,353		470,885	
Inventories	639,657		727,012		824,436		594,584	
Prepayments	702,732		506,054		456,661		333,805	
Short-Term Advance Pay	126,812		158,821		107,122		183,268	
Short-Term Investments	7,973		—		—		—	
Other Current Assets	—		—		—		—	
<b>Funds, Investments and Long-Term</b>	<b>39,800</b>	<b>0.03</b>	<b>47,773</b>	<b>0.03</b>	<b>31,185</b>	<b>0.02</b>	<b>1,564,500</b>	<b>0.77</b>
<b>Accounts Receivables</b>								
Funds	39,800		43,610		31,069		—	
Long-Term Accounts Receivables	—		—		—		—	
Long-Term Investments	—		4,163		116		1,564,500	
<b>Fixed Assets</b>	<b>149,090,184</b>	<b>94.77</b>	<b>166,604,452</b>	<b>96.14</b>	<b>179,237,788</b>	<b>92.17</b>	<b>186,008,969</b>	<b>92.01</b>
Land	60,699,449		60,913,671		61,802,670		61,943,031	
Land Improvements	532,730		998,911		2,232,397		2,582,893	
Buildings and Structures	2,086,426		2,386,136		2,568,966		3,038,661	
Machinery and Equipment	61,503,476		77,325,253		93,163,879		102,255,771	
Transportation Equipment	139,361		156,702		202,243		221,597	
Miscellaneous Equipment	97,731		109,529		113,764		109,341	
Fixed Assets in Process	24,031,010		24,714,250		19,153,869		15,857,676	
Accumulated loss-Fixed Assets	—		—		—		—	
<b>Intangible Assets</b>	<b>3,632</b>	<b>0.00</b>	<b>7,277</b>	<b>0.00</b>	<b>10,758,569</b>	<b>5.53</b>	<b>10,637,631</b>	<b>5.26</b>
<b>Other Assets</b>	<b>5,202,582</b>	<b>3.31</b>	<b>3,848,234</b>	<b>2.22</b>	<b>1,833,385</b>	<b>0.94</b>	<b>1,736,822</b>	<b>0.86</b>
<b>Liabilities</b>	<b>77,579,254</b>	<b>49.31</b>	<b>87,930,021</b>	<b>50.74</b>	<b>101,513,023</b>	<b>52.20</b>	<b>95,207,087</b>	<b>47.10</b>
<b>Current Liabilities</b>	<b>9,365,911</b>	<b>5.95</b>	<b>9,141,549</b>	<b>5.28</b>	<b>10,165,096</b>	<b>5.23</b>	<b>10,694,197</b>	<b>5.29</b>
Short-Term Debts	4,047,503		4,103,182		5,047,579		4,555,710	
Payables	4,378,491		4,548,790		4,460,938		4,635,871	
Advance Receipts	939,917		489,577		656,579		1,502,616	
<b>Long-Term Liabilities</b>	<b>67,339,497</b>	<b>42.81</b>	<b>68,877,558</b>	<b>39.75</b>	<b>81,174,331</b>	<b>41.74</b>	<b>83,379,862</b>	<b>41.25</b>
<b>Other Liabilities</b>	<b>873,846</b>	<b>0.56</b>	<b>9,910,914</b>	<b>5.72</b>	<b>10,173,596</b>	<b>5.23</b>	<b>1,133,027</b>	<b>0.56</b>
<b>Owner's Equity</b>	<b>79,735,442</b>	<b>50.69</b>	<b>85,359,719</b>	<b>49.26</b>	<b>92,950,269</b>	<b>47.80</b>	<b>106,946,258</b>	<b>52.90</b>
<b>Capital</b>	<b>38,019,218</b>	<b>24.17</b>	<b>38,357,989</b>	<b>22.14</b>	<b>75,820,935</b>	<b>38.99</b>	<b>85,015,657</b>	<b>42.06</b>
<b>Surplus and Earnings</b>	<b>18,395,478</b>	<b>11.69</b>	<b>23,681,614</b>	<b>13.67</b>	<b>17,017,530</b>	<b>8.75</b>	<b>21,824,340</b>	<b>10.80</b>
Capital Surplus	14,181,781		18,866,478		14,549,592		18,973,912	
Operating Surplus	3,811,116		3,874,680		2,104,816		2,785,241	
Accumulated Profit	402,581		940,456		363,122		65,187	
<b>Other Owner's Equity</b>	<b>23,320,746</b>	<b>14.82</b>	<b>23,320,116</b>	<b>13.46</b>	<b>111,804</b>	<b>0.06</b>	<b>106,261</b>	<b>0.05</b>

Table 22 Annual Balance Sheet

Unit: \$1,000

Item	FY 1998		FY 1999		Under half of 1999 & FY 2000		2001	
	Amount	Percentage (%)	Amount	Percentage (%)	Amount	Percentage (%)	Amount	Percentage (%)
<b>Assets</b>	<b>210,187,549</b>	<b>100.00</b>	<b>218,237,617</b>	<b>100.00</b>	<b>223,649,712</b>	<b>100.00</b>	<b>240,789,718</b>	<b>100.00</b>
<b>Current Assets</b>	<b>2,848,370</b>	<b>1.36</b>	<b>3,087,390</b>	<b>1.41</b>	<b>2,748,692</b>	<b>1.23</b>	<b>1,724,289</b>	<b>0.72</b>
Cash	759,636		743,769		640,204		553,850	
Receivables	513,096		422,034		419,983		568,352	
Inventories	529,234		546,358		426,457		352,394	
Prepayments	191,949		1,195,840		1,185,711		118,021	
Short-Term Advance Pay	854,455		179,389		76,335		131,671	
Short-Term Investments	—		—		—		—	
Other Current Assets	—		—		—		—	
<b>Funds, Investments and Long-Term</b>	<b>2,863,400</b>	<b>1.36</b>	<b>2,863,400</b>	<b>1.31</b>	<b>1,708,154</b>	<b>0.76</b>	<b>—</b>	<b>—</b>
<b>Accounts Receivables</b>								
Funds	—		—		—		—	
Long-Term Accounts Receivables	—		—		—		—	
Long-Term Investments	2,863,400		2,863,400		1,708,154		—	
<b>Fixed Assets</b>	<b>191,633,468</b>	<b>91.17</b>	<b>199,338,463</b>	<b>91.34</b>	<b>206,525,986</b>	<b>92.34</b>	<b>223,808,947</b>	<b>92.95</b>
Land	62,158,563		62,392,642		63,591,021		75,613,326	
Land Improvements	2,421,365		2,463,334		2,355,298		2,280,778	
Buildings and Structures	3,313,837		3,410,924		3,613,527		3,656,482	
Machinery and Equipment	108,298,887		114,218,444		122,308,117		124,907,647	
Transportation Equipment	229,760		263,479		220,115		252,129	
Miscellaneous Equipment	103,533		106,435		108,124		115,198	
Fixed Assets in Process	15,107,523		16,483,205		14,329,783		16,983,387	
Accumulated loss-Fixed Assets	—		—		—		—	
<b>Intangible Assets</b>	<b>11,297,683</b>	<b>5.38</b>	<b>11,608,425</b>	<b>5.32</b>	<b>10,782,562</b>	<b>4.82</b>	<b>11,141,998</b>	<b>4.63</b>
<b>Other Assets</b>	<b>1,544,628</b>	<b>0.73</b>	<b>1,339,939</b>	<b>0.61</b>	<b>1,884,319</b>	<b>0.84</b>	<b>4,114,484</b>	<b>1.71</b>
<b>Liabilities</b>	<b>99,266,777</b>	<b>47.23</b>	<b>98,645,662</b>	<b>45.20</b>	<b>99,111,940</b>	<b>44.32</b>	<b>105,675,976</b>	<b>43.89</b>
<b>Current Liabilities</b>	<b>10,447,168</b>	<b>4.97</b>	<b>12,643,435</b>	<b>5.79</b>	<b>11,289,185</b>	<b>5.05</b>	<b>12,786,605</b>	<b>5.31</b>
Short-Term Debts	5,414,261		8,016,205		5,925,404		7,314,383	
Payables	4,509,804		4,344,203		5,118,771		5,272,198	
Advance Receipts	523,102		283,027		245,010		200,024	
<b>Long-Term Liabilities</b>	<b>87,304,866</b>	<b>41.54</b>	<b>85,035,601</b>	<b>38.96</b>	<b>86,796,770</b>	<b>38.81</b>	<b>92,196,054</b>	<b>38.29</b>
<b>Other Liabilities</b>	<b>1,514,743</b>	<b>0.72</b>	<b>966,626</b>	<b>0.44</b>	<b>1,025,985</b>	<b>0.46</b>	<b>693,317</b>	<b>0.29</b>
<b>Owner's Equity</b>	<b>110,920,772</b>	<b>52.77</b>	<b>119,591,955</b>	<b>54.80</b>	<b>124,537,773</b>	<b>55.68</b>	<b>135,113,742</b>	<b>56.11</b>
<b>Capital</b>	<b>99,616,230</b>	<b>47.39</b>	<b>101,134,719</b>	<b>46.34</b>	<b>111,062,041</b>	<b>49.66</b>	<b>117,990,325</b>	<b>49.00</b>
<b>Surplus and Earnings</b>	<b>11,198,281</b>	<b>5.33</b>	<b>18,510,204</b>	<b>8.48</b>	<b>13,369,933</b>	<b>5.98</b>	<b>10,870,366</b>	<b>4.51</b>
Capital Surplus	8,234,949		15,142,278		10,925,857		8,033,875	
Operating Surplus	2,654,384		2,757,156		1,872,972		2,313,217	
Accumulated Profit	308,948		610,770		571,104		523,274	
<b>Other Owner's Equity</b>	<b>106,261</b>	<b>0.05</b>	<b>-52,968</b>	<b>-0.02</b>	<b>105,799</b>	<b>0.05</b>	<b>6,253,051</b>	<b>2.60</b>

Table 22 Annual Balance Sheet

Unit:\$1,000

Item	2002		2003		2004		2005	
	Amount	Percentage (%)						
<b>Assets</b>	<b>245,651,532</b>	<b>100.00</b>	<b>248,270,098</b>	<b>100.00</b>	<b>247,605,297</b>	<b>100.00</b>	<b>246,338,109</b>	<b>100.00</b>
<b>Current Assets</b>	<b>1,387,987</b>	<b>0.57</b>	<b>1,451,651</b>	<b>0.58</b>	<b>1,434,631</b>	<b>0.58</b>	<b>1,063,393</b>	<b>0.43</b>
Cash	575,655		786,298		424,032		196,944	
Receivables	303,218		245,132		464,007		417,796	
Inventories	283,332		316,362		272,915		288,763	
Prepayments	194,052		78,002		223,704		107,080	
Short-Term Advance Pay	31,729		25,857		49,974		52,812	
Short-Term Investments	—		—		—		—	
Other Current Assets	—		—		—		—	
<b>Funds, Investments and Long-Term</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Accounts Receivables</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Funds	—		—		—		—	
Long-Term Accounts Receivables	—		—		—		—	
Long-Term Investments	—		—		—		—	
<b>Fixed Assets</b>	<b>228,073,293</b>	<b>92.84</b>	<b>231,032,184</b>	<b>93.06</b>	<b>230,822,603</b>	<b>93.22</b>	<b>230,423,100</b>	<b>93.54</b>
Land	77,391,379		78,190,599		78,487,601		78,180,406	
Land Improvements	2,152,011		2,467,140		2,295,057		2,120,053	
Buildings and Structures	3,795,205		3,901,218		3,990,933		3,956,954	
Machinery and Equipment	129,081,450		136,362,487		138,634,468		139,677,913	
Transportation Equipment	233,028		235,934		214,375		200,370	
Miscellaneous Equipment	119,959		119,852		131,926		127,210	
Fixed Assets in Process	15,300,260		9,754,953		7,068,244		6,160,193	
Accumulated loss-Fixed Assets	—		—		—		—	
<b>Intangible Assets</b>	<b>10,550,313</b>	<b>4.29</b>	<b>8,718,513</b>	<b>3.51</b>	<b>8,390,584</b>	<b>3.39</b>	<b>6,909,299</b>	<b>2.80</b>
<b>Other Assets</b>	<b>5,639,939</b>	<b>2.30</b>	<b>7,067,751</b>	<b>2.85</b>	<b>6,957,478</b>	<b>2.81</b>	<b>7,942,316</b>	<b>3.22</b>
<b>Liabilities</b>	<b>106,787,375</b>	<b>43.47</b>	<b>105,422,336</b>	<b>42.46</b>	<b>102,691,464</b>	<b>41.47</b>	<b>99,546,314</b>	<b>40.41</b>
<b>Current Liabilities</b>	<b>11,849,081</b>	<b>4.82</b>	<b>15,752,821</b>	<b>6.35</b>	<b>15,729,582</b>	<b>6.35</b>	<b>14,890,721</b>	<b>6.04</b>
Short-Term Debts	6,383,950		10,302,349		11,301,117		10,102,148	
Payables	5,308,492		4,893,217		4,212,741		4,521,172	
Advance Receipts	156,639		557,255		215,724		267,400	
<b>Long-Term Liabilities</b>	<b>94,061,356</b>	<b>38.29</b>	<b>88,802,547</b>	<b>35.77</b>	<b>85,986,506</b>	<b>34.73</b>	<b>83,458,597</b>	<b>33.88</b>
<b>Other Liabilities</b>	<b>876,938</b>	<b>0.36</b>	<b>866,968</b>	<b>0.35</b>	<b>975,375</b>	<b>0.39</b>	<b>1,196,996</b>	<b>0.49</b>
<b>Owner's Equity</b>	<b>138,864,157</b>	<b>56.53</b>	<b>142,847,761</b>	<b>57.54</b>	<b>144,913,833</b>	<b>58.53</b>	<b>146,791,795</b>	<b>59.59</b>
<b>Capital</b>	<b>119,274,282</b>	<b>48.55</b>	<b>120,760,775</b>	<b>48.64</b>	<b>120,729,870</b>	<b>48.76</b>	<b>121,619,044</b>	<b>49.37</b>
<b>Surplus and Earnings</b>	<b>13,336,824</b>	<b>5.43</b>	<b>15,833,935</b>	<b>6.38</b>	<b>17,930,912</b>	<b>7.24</b>	<b>19,061,821</b>	<b>7.74</b>
Capital Surplus	9,938,241		12,326,173		14,413,461		15,098,481	
Operating Surplus	2,369,426		2,380,344		2,381,313		2,425,902	
Accumulated Profit	1,029,157		1,127,418		1,136,138		1,537,438	
<b>Other Owner's Equity</b>	<b>6,253,051</b>	<b>2.55</b>	<b>6,253,051</b>	<b>2.52</b>	<b>6,253,051</b>	<b>2.53</b>	<b>6,110,930</b>	<b>2.48</b>

Table 22 Annual Balance Sheet

Unit: \$1,000

Item	2006		2007		2008		2009	
	Amount	Percentage (%)						
<b>Assets</b>	<b>248,888,239</b>	<b>100.00</b>	<b>248,395,741</b>	<b>100.00</b>	<b>250,174,615</b>	<b>100.00</b>	<b>257,624,576</b>	<b>100.00</b>
<b>Current Assets</b>	<b>1,674,710</b>	<b>0.67</b>	<b>1,493,554</b>	<b>0.60</b>	<b>1,471,982</b>	<b>0.59</b>	<b>1,875,552</b>	<b>0.73</b>
Cash	388,564		516,493		307,357		825,774	
Receivables	448,643		391,212		341,902		302,070	
Inventories	311,622		320,157		406,220		417,463	
Prepayments	191,306		147,764		335,048		220,904	
Short-Term Advance Pay	322,914		104,098		70,000		6,219	
Short-Term Investments	—		—		—		—	
Other Current Assets	11,661		13,831		11,454		103,122	
<b>Funds, Investments and Long-Term</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Accounts Receivables</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Funds	—		—		—		—	
Long-Term Accounts Receivables	—		—		—		—	
Long-Term Investments	—		—		—		—	
<b>Fixed Assets</b>	<b>233,368,145</b>	<b>93.76</b>	<b>234,083,235</b>	<b>94.24</b>	<b>235,315,610</b>	<b>94.06</b>	<b>243,013,785</b>	<b>94.33</b>
Land	78,885,975		79,106,411		79,444,087		81,272,367	
Land Improvements	2,079,299		2,052,851		1,952,476		1,873,612	
Buildings and Structures	3,964,874		3,918,204		3,856,237		3,773,081	
Machinery and Equipment	142,069,521		142,171,683		142,709,085		144,622,324	
Transportation Equipment	191,955		203,472		178,024		166,437	
Miscellaneous Equipment	132,513		136,801		157,751		167,350	
Fixed Assets in Process	6,046,178		6,495,983		7,020,119		11,140,784	
Accumulated loss-Fixed Assets	-2,170		-2,170		-2,170		-2,170	
<b>Intangible Assets</b>	<b>6,643,725</b>	<b>2.67</b>	<b>5,868,546</b>	<b>2.36</b>	<b>4,936,450</b>	<b>1.97</b>	<b>4,509,326</b>	<b>1.75</b>
<b>Other Assets</b>	<b>7,201,658</b>	<b>2.89</b>	<b>6,950,406</b>	<b>2.80</b>	<b>8,450,572</b>	<b>3.38</b>	<b>8,225,914</b>	<b>3.19</b>
<b>Liabilities</b>	<b>99,747,698</b>	<b>40.08</b>	<b>98,698,793</b>	<b>39.73</b>	<b>98,499,077</b>	<b>39.37</b>	<b>86,895,255</b>	<b>33.73</b>
<b>Current Liabilities</b>	<b>18,406,829</b>	<b>7.40</b>	<b>19,309,602</b>	<b>7.77</b>	<b>17,888,281</b>	<b>7.15</b>	<b>22,766,687</b>	<b>8.84</b>
Short-Term Debts	12,889,244		13,136,237		12,394,630		16,098,066	
Payables	5,229,858		5,935,220		5,342,872		6,444,442	
Advance Receipts	287,727		238,144		150,780		224,180	
<b>Long-Term Liabilities</b>	<b>78,729,554</b>	<b>31.63</b>	<b>76,243,960</b>	<b>30.69</b>	<b>76,330,781</b>	<b>30.51</b>	<b>58,307,249</b>	<b>22.63</b>
<b>Other Liabilities</b>	<b>2,611,315</b>	<b>1.05</b>	<b>3,145,231</b>	<b>1.27</b>	<b>4,280,015</b>	<b>1.71</b>	<b>5,821,318</b>	<b>2.26</b>
<b>Owner's Equity</b>	<b>149,140,541</b>	<b>59.92</b>	<b>149,696,949</b>	<b>60.27</b>	<b>151,675,538</b>	<b>60.63</b>	<b>170,729,321</b>	<b>66.27</b>
<b>Capital</b>	<b>123,672,498</b>	<b>49.69</b>	<b>124,062,048</b>	<b>49.95</b>	<b>125,993,085</b>	<b>50.36</b>	<b>132,691,787</b>	<b>51.51</b>
<b>Surplus and Earnings</b>	<b>19,357,113</b>	<b>7.78</b>	<b>19,566,159</b>	<b>7.88</b>	<b>19,637,669</b>	<b>7.85</b>	<b>18,470,698</b>	<b>7.17</b>
Capital Surplus	15,097,930		15,083,354		15,066,344		15,066,344	
Operating Surplus	2,455,486		2,477,849		2,486,701		2,486,701	
Accumulated Profit	1,803,696		2,004,957		2,084,625		917,653	
<b>Other Owner's Equity</b>	<b>6,110,930</b>	<b>2.46</b>	<b>6,068,741</b>	<b>2.44</b>	<b>6,044,783</b>	<b>2.42</b>	<b>19,566,837</b>	<b>7.60</b>

Table 22 Annual Balance Sheet

Unit:\$1,000

Item	2010		2011		2012	
	Amount	Percentage (%)	Amount	Percentage (%)	Amount	Percentage (%)
<b>Assets</b>	<b>265,341,555</b>	<b>100.00</b>	<b>269,901,094</b>	<b>100.00</b>	<b>274,913,702</b>	<b>100.00</b>
<b>Current Assets</b>	<b>1,582,420</b>	<b>0.60</b>	<b>1,208,941</b>	<b>0.45</b>	<b>1,365,426</b>	<b>0.50</b>
Cash	422,052		344,444		233,159	
Receivables	531,313		267,295		266,976	
Inventories	496,077		476,674		481,907	
Prepayments	105,916		63,088		358,670	
Short-Term Advance Pay	27,062		57,441		24,714	
Short-Term Investments	—		—		—	
Other Current Assets	—		—		—	
<b>Funds, Investments and Long-Term</b>	<b>103,222</b>	<b>0.04</b>	<b>103,222</b>	<b>0.04</b>	<b>103,222</b>	<b>0.04</b>
<b>Accounts Receivables</b>						
Funds	—		—		—	
Long-Term Accounts Receivables	—		—		—	
Long-Term Investments	103,222		103,222		103,222	
<b>Fixed Assets</b>	<b>251,447,847</b>	<b>94.76</b>	<b>256,984,135</b>	<b>95.21</b>	<b>261,769,429</b>	<b>95.22</b>
Land	81,729,517		82,009,497		82,042,304	
Land Improvements	1,886,251		1,786,950		1,804,407	
Buildings and Structures	3,722,116		3,636,913		3,752,733	
Machinery and Equipment	153,002,305		156,847,621		160,437,020	
Transportation Equipment	174,372		216,885		249,761	
Miscellaneous Equipment	185,929		180,677		189,062	
Fixed Assets in Process	10,749,526		12,307,762		13,296,311	
Accumulated loss-Fixed Assets	-2,170		-2,170		-2,170	
<b>Intangible Assets</b>	<b>4,164,924</b>	<b>1.57</b>	<b>3,843,561</b>	<b>1.42</b>	<b>3,485,580</b>	<b>1.27</b>
<b>Other Assets</b>	<b>8,043,142</b>	<b>3.03</b>	<b>7,761,237</b>	<b>2.88</b>	<b>8,190,046</b>	<b>2.98</b>
<b>Liabilities</b>	<b>87,117,072</b>	<b>32.83</b>	<b>89,206,092</b>	<b>33.05</b>	<b>94,320,922</b>	<b>34.31</b>
<b>Current Liabilities</b>	<b>18,584,856</b>	<b>7.00</b>	<b>22,498,647</b>	<b>8.34</b>	<b>24,724,685</b>	<b>8.99</b>
Short-Term Debts	12,446,939		15,669,945		16,754,515	
Payables	5,901,989		6,617,929		7,684,666	
Advance Receipts	235,928		210,772		285,504	
<b>Long-Term Liabilities</b>	<b>61,125,213</b>	<b>23.04</b>	<b>58,768,721</b>	<b>21.77</b>	<b>60,392,057</b>	<b>21.97</b>
<b>Other Liabilities</b>	<b>7,407,003</b>	<b>2.79</b>	<b>7,938,724</b>	<b>2.94</b>	<b>9,204,180</b>	<b>3.35</b>
<b>Owner's Equity</b>	<b>178,224,482</b>	<b>67.17</b>	<b>180,695,003</b>	<b>66.95</b>	<b>180,592,780</b>	<b>65.69</b>
<b>Capital</b>	<b>140,335,138</b>	<b>52.89</b>	<b>143,231,717</b>	<b>53.07</b>	<b>143,596,416</b>	<b>52.23</b>
<b>Surplus and Earnings</b>	<b>18,337,818</b>	<b>6.91</b>	<b>18,009,876</b>	<b>6.67</b>	<b>17,614,476</b>	<b>6.41</b>
Capital Surplus	15,066,338		15,066,338		15,066,338	
Operating Surplus	2,486,700		2,486,701		2,486,701	
Accumulated Profit	784,780		456,838		61,438	
<b>Other Owner's Equity</b>	<b>19,551,526</b>	<b>7.37</b>	<b>19,453,409</b>	<b>7.21</b>	<b>19,381,888</b>	<b>7.05</b>

Table 22 Annual Balance Sheet

Unit:\$1,000

項 目	2013		2014	
	Amount	Percentage (%)	Amount	Percentage (%)
<b>Assets</b>	<b>274,392,450</b>	<b>100.00</b>	<b>282,544,273</b>	<b>100.00</b>
<b>Current Assets</b>	<b>1,307,369</b>	<b>0.48</b>	<b>1,379,495</b>	<b>0.49</b>
Cash	436,028		542,202	
Receivables	206,837		236,854	
Current Tax Assets	912		940	
Inventories	450,826		400,665	
Prepayments	164,671		161,425	
Short-Term Advance Pay	48,095		37,409	
<b>Funds, Investments and Long-Term Accounts Receivables</b>	<b>103,222</b>	<b>0.04</b>	<b>103,122</b>	<b>0.04</b>
Non-current Financial Assets	103,222		103,122	
<b>Property, Plant and Equipment</b>	<b>266,416,988</b>	<b>97.09</b>	<b>274,651,514</b>	<b>97.21</b>
Land	82,483,998		82,503,440	
Land Improvements	1,743,008		1,665,739	
Buildings and Structures	3,838,286		3,746,895	
Machinery and Equipment	164,917,731		164,999,450	
Transportation Equipment	278,242		320,439	
Miscellaneous Equipment	177,965		177,599	
Fixed Assets in Process	12,977,758		21,237,952	
<b>Investment Property</b>	<b>299,561</b>	<b>0.11</b>	<b>352,048</b>	<b>0.12</b>
<b>Intangible Assets</b>	<b>114,644</b>	<b>0.04</b>	<b>123,185</b>	<b>0.04</b>
<b>Other Assets</b>	<b>6,150,666</b>	<b>2.24</b>	<b>5,934,909</b>	<b>2.10</b>
<b>Liabilities</b>	<b>98,233,468</b>	<b>35.80</b>	<b>104,199,869</b>	<b>36.88</b>
<b>Current Liabilities</b>	<b>25,408,805</b>	<b>9.26</b>	<b>27,894,851</b>	<b>9.87</b>
Short-Term Debts	18,292,723		19,371,292	
Payables	6,878,170		8,274,298	
Advance Receipts	237,911		249,261	
<b>Long-Term Liabilities</b>	<b>35,170,028</b>	<b>12.82</b>	<b>37,908,870</b>	<b>13.42</b>
<b>Other Liabilities</b>	<b>37,654,635</b>	<b>13.72</b>	<b>38,396,148</b>	<b>13.59</b>
<b>Owner's Equity</b>	<b>176,158,982</b>	<b>64.20</b>	<b>178,344,404</b>	<b>63.12</b>
<b>Capital</b>	<b>144,330,907</b>	<b>52.60</b>	<b>146,353,427</b>	<b>51.80</b>
<b>Surplus and Earnings</b>	<b>18,012,135</b>	<b>6.56</b>	<b>18,178,826</b>	<b>6.43</b>
Capital Surplus	15,066,338		15,066,338	
Retained Earnings--appropriated	2,493,853		2,500,115	
Retained Earnings--unappropriated	451,945		612,373	
Accumulated losses				
<b>First-time Adoption of IFRS Adjustments</b>	<b>13,815,940</b>	<b>5.04</b>	<b>13,812,152</b>	<b>4.89</b>

Table 22 Annual Balance Sheet

Unit:\$1,000

項 目	2015		2016	
	Amount	Percentage (%)	Amount	Percentage (%)
<b>Assets</b>	<b>289,560,608</b>	<b>100.00</b>	<b>296,713,018</b>	<b>100.00</b>
<b>Current Assets</b>	<b>1,676,626</b>	<b>0.58</b>	<b>1,746,208</b>	<b>0.59</b>
Cash	523,195		672,179	
Receivables	494,080		370,121	
Current Tax Assets	528		137	
Inventories	470,214		487,192	
Prepayments	158,728		111,334	
Short-Term Advance Pay	29,881		105,247	
<b>Funds, Investments and Long-Term Accounts Receivables</b>	<b>103,122</b>	<b>0.04</b>	<b>103,122</b>	<b>0.03</b>
Non-current Financial Assets	103,122		103,122	
<b>Property, Plant and Equipment</b>	<b>281,903,961</b>	<b>97.36</b>	<b>288,956,503</b>	<b>97.39</b>
Land	83,508,525		83,920,739	
Land Improvements	1,725,394		1,676,346	
Buildings and Structures	3,908,806		3,950,769	
Machinery and Equipment	170,392,593		174,889,137	
Transportation Equipment	285,965		247,064	
Miscellaneous Equipment	160,998		160,775	
Fixed Assets in Process	21,921,679		24,111,673	
<b>Investment Property</b>	<b>328,147</b>	<b>0.11</b>	<b>342,063</b>	<b>0.12</b>
<b>Intangible Assets</b>	<b>139,292</b>	<b>0.05</b>	<b>126,267</b>	<b>0.04</b>
<b>Other Assets</b>	<b>5,409,460</b>	<b>1.87</b>	<b>5,438,855</b>	<b>1.83</b>
<b>Liabilities</b>	<b>110,991,685</b>	<b>38.33</b>	<b>114,246,141</b>	<b>38.50</b>
<b>Current Liabilities</b>	<b>28,446,623</b>	<b>9.82</b>	<b>33,904,980</b>	<b>11.43</b>
Short-Term Debts	20,812,332		24,720,705	
Payables	7,365,493		8,856,149	
Advance Receipts	268,799		328,125	
<b>Long-Term Liabilities</b>	<b>42,108,342</b>	<b>14.54</b>	<b>41,075,985</b>	<b>13.84</b>
<b>Other Liabilities</b>	<b>40,436,720</b>	<b>13.96</b>	<b>39,265,176</b>	<b>13.23</b>
<b>Owner's Equity</b>	<b>178,568,923</b>	<b>61.67</b>	<b>182,466,877</b>	<b>61.50</b>
<b>Capital</b>	<b>148,799,910</b>	<b>51.39</b>	<b>151,474,593</b>	<b>51.05</b>
<b>Surplus and Earnings</b>	<b>15,971,362</b>	<b>5.52</b>	<b>17,196,230</b>	<b>5.80</b>
Capital Surplus	15,065,857		15,065,857	
Retained Earnings--appropriated	2,500,115		2,500,115	
Retained Earnings--unappropriated	—		—	
Accumulated losses	-1,594,610		-369,742	
<b>First-time Adoption of IFRS Adjustments</b>	<b>13,797,651</b>	<b>4.77</b>	<b>13,796,054</b>	<b>4.65</b>

Table 22 Annual Balance Sheet

Unit:\$1,000

項 目	2017		2018	
	Amount	Percentage (%)	Amount	Percentage (%)
<b>Assets</b>	<b>303,199,217</b>	<b>100.00</b>	<b>309,675,472</b>	<b>100.00</b>
<b>Current Assets</b>	<b>1,431,613</b>	<b>0.47</b>	<b>1,858,693</b>	<b>0.60</b>
Cash	440,870		599,673	
Receivables	461,651		552,221	
Current Tax Assets	142		80	
Inventories	413,763		497,368	
Prepayments	101,603		203,387	
Short-Term Advance Pay	13,584		5,964	
<b>Funds, Investments and Long-Term Accounts Receivables</b>	<b>103,122</b>	<b>0.03</b>	<b>—</b>	<b>—</b>
Non-current Financial Assets	103,122			
<b>Property, Plant and Equipment</b>	<b>296,070,463</b>	<b>97.65</b>	<b>302,250,237</b>	<b>97.60</b>
Land	84,371,031		85,500,759	
Land Improvements	1,641,641		2,092,767	
Buildings and Structures	3,867,731		4,366,533	
Machinery and Equipment	178,486,742		190,566,999	
Transportation Equipment	208,574		220,166	
Miscellaneous Equipment	143,979		200,054	
Fixed Assets in Process	27,350,766		19,302,960	
<b>Investment Property</b>	<b>369,556</b>	<b>0.12</b>	<b>477,016</b>	<b>0.15</b>
<b>Intangible Assets</b>	<b>137,715</b>	<b>0.05</b>	<b>100,213</b>	<b>0.03</b>
<b>Other Assets</b>	<b>5,086,747</b>	<b>1.68</b>	<b>4,989,312</b>	<b>1.61</b>
<b>Liabilities</b>	<b>118,079,439</b>	<b>38.94</b>	<b>121,711,897</b>	<b>39.30</b>
<b>Current Liabilities</b>	<b>36,079,681</b>	<b>11.90</b>	<b>24,143,087</b>	<b>7.80</b>
Short-Term Debts	27,294,075		15,346,521	
Payables	8,463,633		8,419,700	
Advance Receipts	321,973		376,865	
<b>Long-Term Liabilities</b>	<b>40,864,085</b>	<b>13.48</b>	<b>55,512,342</b>	<b>17.93</b>
<b>Other Liabilities</b>	<b>41,135,673</b>	<b>13.57</b>	<b>42,056,469</b>	<b>13.58</b>
<b>Owner's Equity</b>	<b>185,119,778</b>	<b>61.06</b>	<b>187,963,574</b>	<b>60.70</b>
<b>Capital</b>	<b>153,856,482</b>	<b>50.74</b>	<b>156,369,792</b>	<b>50.49</b>
<b>Surplus and Earnings</b>	<b>17,468,892</b>	<b>5.76</b>	<b>17,818,754</b>	<b>5.75</b>
Capital Surplus	15,065,857		15,065,857	
Retained Earnings--appropriated	2,500,115		2,523,456	
Retained Earnings--unappropriated	—		229,442	
Accumulated losses	-97,080		—	
<b>First-time Adoption of IFRS Adjustments</b>	<b>13,794,403</b>	<b>4.55</b>	<b>13,775,028</b>	<b>4.45</b>

Table 23 Annual Total Revenue, Expenses, Profit and Loss

Unit:\$1,000

Year	Total Revenue	Total Expenses		Net Income ( Loss- )	
	Amount	Amount	Percentage of Total Revenue	Amount	Percentage of Total Revenue
FY 1974	275,814	287,414	104.21	-11,600	-4.21
FY 1975	971,688	907,172	93.36	64,516	6.64
FY 1976	1,428,926	1,253,923	87.75	175,003	12.25
FY 1977	1,724,592	1,619,898	93.93	104,695	6.07
FY 1978	1,975,104	1,931,283	97.78	43,822	2.22
FY 1979	2,413,526	2,367,200	98.08	46,326	1.92
FY 1980	3,407,891	3,155,389	92.59	252,502	7.41
FY 1981	3,967,597	4,067,571	102.52	-99,974	-2.52
FY 1982	4,757,579	4,715,149	99.11	42,430	0.89
FY 1983	5,917,868	5,389,382	91.07	528,487	8.93
FY 1984	6,314,641	5,944,715	94.14	369,925	5.86
FY 1985	6,679,500	6,269,361	93.86	410,140	6.14
FY 1986	6,940,130	6,648,140	95.79	291,990	4.21
FY 1987	7,353,985	6,687,882	90.94	666,104	9.06
FY 1988	8,321,968	8,100,853	97.34	221,115	2.66
FY 1989	9,096,264	8,887,737	97.71	208,528	2.29
FY 1990	9,824,707	9,684,854	98.58	139,853	1.42
FY 1991	10,695,893	10,643,084	99.51	52,809	0.49
FY 1992	12,540,317	12,027,045	95.91	513,272	4.09
FY 1993	17,962,127	18,151,320	101.05	-189,193	-1.05
FY 1994	18,578,137	17,887,697	96.28	690,440	3.72
FY 1995	21,136,478	19,868,024	94.00	1,268,453	6.00
FY 1996	20,650,221	20,265,280	98.14	384,941	1.86
FY 1997	20,337,471	19,912,914	97.91	424,558	2.09
FY 1998	23,195,823	22,871,027	98.60	324,797	1.40
FY 1999	23,568,124	22,971,995	97.47	596,129	2.53
FY 2000	35,144,801	35,053,876	99.74	90,925	0.26
2001	23,865,530	23,473,115	98.36	392,415	1.64
2002	23,073,763	22,980,561	99.60	93,202	0.40
2003	23,577,205	23,468,026	99.54	109,179	0.46
2004	24,687,011	24,677,323	99.96	9,688	0.04
2005	25,302,318	24,856,429	98.24	445,889	1.76
2006	26,410,724	26,114,881	98.88	295,843	1.12
2007	26,897,585	26,673,962	99.17	223,623	0.83
2008	26,709,018	26,620,498	99.67	88,520	0.33
2009	25,027,764	26,194,736	104.66	-1,166,972	-4.66
2010	26,471,639	26,604,512	100.50	-133	-0.50
2011	26,818,882	27,146,824	101.22	-327,943	-1.22
2012	27,112,237	27,507,637	101.46	-395,400	-1.46
2013	28,140,319	28,068,798	99.75	71,521	0.25
2014	28,772,281	28,709,655	99.78	62,625	0.22
2015	28,802,931	30,609,241	106.27	-1,806,310	-6.27
2016	30,038,998	28,741,015	95.68	1,297,983	4.32
2017	29,956,999	29,604,963	98.82	352,036	1.18
2018	30,756,032	30,363,077	98.72	392,955	1.28

Table24 Annual Revenue

Unit:\$1,000

Year	Total Revenue	Operating Income		Non-Operating Income	
	Amount	Amount	Percentage of Total Revenue	Amount	Percentage of Total Revenue
FY 1974	275,814	271,067	98.28	4,747	1.72
FY 1975	971,688	949,036	97.67	22,651	2.33
FY 1976	1,428,926	1,385,610	96.97	43,316	3.03
FY 1977	1,724,592	1,670,572	96.87	54,020	3.13
FY 1978	1,975,104	1,943,255	98.39	31,850	1.61
FY 1979	2,413,526	2,379,071	98.57	34,455	1.43
FY 1980	3,407,891	3,376,531	99.08	31,360	0.92
FY 1981	3,967,597	3,919,342	98.78	48,255	1.22
FY 1982	4,757,579	4,708,745	98.97	48,834	1.03
FY 1983	5,917,868	5,823,489	98.40	94,379	1.60
FY 1984	6,314,641	6,228,317	98.63	86,324	1.37
FY 1985	6,679,500	6,591,390	98.68	88,110	1.32
FY 1986	6,940,130	6,870,111	98.99	70,019	1.01
FY 1987	7,353,985	7,286,145	99.08	67,840	0.92
FY 1988	8,321,968	8,228,193	98.87	93,775	1.13
FY 1989	9,096,264	9,009,658	99.05	86,607	0.95
FY 1990	9,824,707	9,715,997	98.89	108,711	1.11
FY 1991	10,695,893	10,572,985	98.85	122,908	1.15
FY 1992	12,540,317	12,405,962	98.93	134,354	1.07
FY 1993	17,962,127	16,286,605	90.67	1,675,523	9.33
FY 1994	18,578,137	18,321,625	98.62	256,513	1.38
FY 1995	21,136,478	20,297,060	96.03	839,417	3.97
FY 1996	20,650,221	20,319,034	98.40	331,187	1.60
FY 1997	20,337,471	20,048,372	98.58	289,099	1.42
FY 1998	23,195,823	21,851,388	94.20	1,344,435	5.80
FY 1999	23,568,124	22,952,845	97.39	615,278	2.61
FY 2000	35,144,801	34,480,215	98.11	664,586	1.89
2001	23,865,530	22,994,325	96.35	871,205	3.65
2002	23,073,763	22,597,370	97.94	476,393	2.06
2003	23,577,205	23,293,957	98.80	283,248	1.20
2004	24,687,011	24,032,253	97.35	654,758	2.65
2005	25,302,318	24,884,677	98.35	417,641	1.65
2006	26,410,724	25,846,837	97.86	563,887	2.14
2007	26,897,585	26,366,228	98.02	531,357	1.98
2008	26,709,018	26,176,967	98.01	532,051	1.99
2009	25,027,764	24,649,851	98.49	377,914	1.51
2010	26,471,639	25,982,378	98.15	489,261	1.85
2011	26,818,882	26,478,122	98.73	340,760	1.27
2012	27,112,237	26,739,893	98.63	372,343	1.37
2013	28,140,319	27,525,234	97.81	615,084	2.19
2014	28,772,281	28,344,547	98.51	427,733	1.49
2015	28,802,931	28,348,588	98.42	454,343	1.58
2016	30,038,998	28,867,919	96.10	1,171,079	3.90
2017	29,956,999	29,668,180	99.04	288,819	0.96
2018	30,756,032	30,073,837	97.78	682,195	2.22

Table 25 Annual Operating Income

Unit:\$1,000

Year	Total (1)		Sale of Water (2)		Other Operating Income (3)=(1)-(2)	
	Amount	Percentage of Total Revenue	Amount	Percentage of Total Revenue	Amount	Percentage of Total Revenue
FY 1974	271,067	98.28	185,976	67.43	85,091	30.85
FY 1975	949,036	97.67	688,458	70.85	260,579	26.82
FY 1976	1,385,610	96.97	1,028,461	71.97	357,149	24.99
FY 1977	1,670,572	96.87	1,200,307	69.60	470,266	27.27
FY 1978	1,943,255	98.39	1,378,779	69.81	564,476	28.58
FY 1979	2,379,071	98.57	1,690,679	70.05	688,392	28.52
FY 1980	3,376,531	99.08	2,617,045	76.80	759,486	22.29
FY 1981	3,919,342	98.78	2,907,376	73.28	1,011,967	25.51
FY 1982	4,708,745	98.97	3,643,217	76.58	1,065,528	22.40
FY 1983	5,823,489	98.40	4,845,855	81.88	977,633	16.52
FY 1984	6,228,317	98.63	5,332,432	84.44	895,885	14.19
FY 1985	6,591,390	98.68	5,692,433	85.22	898,957	13.46
FY 1986	6,870,111	98.99	6,007,593	86.56	862,518	12.43
FY 1987	7,286,145	99.08	6,369,260	86.61	916,885	12.47
FY 1988	8,228,193	98.87	7,013,290	84.27	1,214,903	14.60
FY 1989	9,009,658	99.05	7,608,689	83.65	1,400,968	15.40
FY 1990	9,715,997	98.89	8,222,554	83.69	1,493,443	15.20
FY 1991	10,572,985	98.85	8,787,761	82.16	1,785,223	16.69
FY 1992	12,405,962	98.93	10,243,565	81.69	2,162,398	17.24
FY 1993	16,286,605	90.67	13,196,225	73.47	3,090,380	17.20
FY 1994	18,321,625	98.62	13,911,867	74.88	4,409,758	23.74
FY 1995	20,297,060	96.03	15,630,589	73.95	4,666,471	22.08
FY 1996	20,319,034	98.40	16,360,626	79.23	3,958,407	19.17
FY 1997	20,048,372	98.58	16,347,024	80.38	3,701,348	18.20
FY 1998	21,851,388	94.20	18,910,332	81.52	2,941,056	12.68
FY 1999	22,952,845	97.39	19,867,111	84.30	3,085,734	13.09
FY 2000	34,480,215	98.11	31,363,541	89.24	3,116,674	8.87
2001	22,994,325	96.35	21,376,684	89.57	1,617,641	6.78
2002	22,597,370	97.94	21,082,276	91.37	1,515,095	6.57
2003	23,293,957	98.80	21,589,235	91.57	1,704,722	7.23
2004	24,032,253	97.35	22,039,862	89.28	1,992,391	8.07
2005	24,884,677	98.35	22,557,575	89.15	2,327,102	9.20
2006	25,846,837	97.86	23,335,518	88.36	2,511,320	9.51
2007	26,366,228	98.02	23,791,970	88.45	2,574,257	9.57
2008	26,176,967	98.01	23,967,379	89.74	2,209,589	8.27
2009	24,649,851	98.49	22,800,208	91.10	1,849,643	7.39
2010	25,982,378	98.15	24,060,360	90.89	1,922,017	7.26
2011	26,478,122	98.73	24,326,123	90.71	2,151,998	8.02
2012	26,739,893	98.63	24,610,556	90.77	2,129,338	7.85
2013	27,525,234	97.81	25,103,560	89.21	2,421,674	8.61
2014	28,344,547	98.51	25,885,027	89.97	2,459,520	8.55
2015	28,348,588	98.42	25,651,249	89.06	2,697,339	9.36

**Table 25 Annual Operating Income**

Unit:\$1,000

Year	Total (1)		Sale of Water (2)		Other Operating Income (3)=(1)-(2)	
	Amount	Percentage of Total Revenue	Amount	Percentage of Total Revenue	Amount	Percentage of Total Revenue
2016	<b>28,867,919</b>	<b>96.10</b>	<b>26,206,184</b>	<b>87.24</b>	<b>2,661,735</b>	<b>8.86</b>
2017	<b>29,668,180</b>	<b>99.04</b>	<b>26,923,059</b>	<b>89.87</b>	<b>2,745,121</b>	<b>9.16</b>
2018	<b>30,073,837</b>	<b>97.78</b>	<b>27,176,825</b>	<b>88.36</b>	<b>2,897,012</b>	<b>9.42</b>

Table 26 Annual Non-Operating Income

Unit:\$1,000

	Total		Financial Income		Other Non- Operating Income	
	Amount	Percentage of Total Revenue	Amount	Percentage of Total Revenue	Amount	Percentage of Total Revenue
FY 1974	4,747	1.72	2,854	1.03	1,893	0.69
FY 1975	22,651	2.33	11,803	1.21	10,848	1.12
FY 1976	43,316	3.03	22,913	1.60	20,403	1.43
FY 1977	54,020	3.13	23,274	1.35	30,746	1.78
FY 1978	31,850	1.61	17,841	0.90	14,009	0.71
FY 1979	34,455	1.43	12,956	0.54	21,499	0.89
FY 1980	31,360	0.92	13,205	0.39	18,155	0.53
FY 1981	48,255	1.22	14,937	0.38	33,318	0.84
FY 1982	48,834	1.03	21,799	0.46	27,035	0.57
FY 1983	94,379	1.60	50,154	0.85	44,225	0.75
FY 1984	86,324	1.37	54,770	0.87	31,554	0.50
FY 1985	88,110	1.32	27,996	0.42	60,114	0.90
FY 1986	70,019	1.01	18,372	0.27	51,647	0.74
FY 1987	67,840	0.92	17,307	0.23	50,533	0.69
FY 1988	93,775	1.13	11,539	0.14	82,236	0.99
FY 1989	86,607	0.95	11,982	0.13	74,625	0.82
FY 1990	108,711	1.11	13,815	0.14	94,896	0.97
FY 1991	122,908	1.15	16,189	0.15	106,719	1.00
FY 1992	134,354	1.07	25,379	0.20	108,975	0.87
FY 1993	1,675,523	9.33	21,064	0.12	1,654,459	9.21
FY 1994	256,513	1.38	19,948	0.11	236,564	1.27
FY 1995	839,417	3.97	29,206	0.14	810,212	3.83
FY 1996	331,187	1.60	20,367	0.10	310,820	1.51
FY 1997	289,099	1.42	22,152	0.11	266,947	1.31
FY 1998	1,344,435	5.80	31,214	0.13	1,313,221	5.66
FY 1999	615,278	2.61	53,635	0.23	561,644	2.38
FY 2000	664,586	1.89	30,025	0.09	634,561	1.81
2001	871,205	3.65	24,422	0.10	846,783	3.55
2002	476,393	2.06	17,641	0.08	458,751	1.99
2003	283,248	1.20	17,122	0.07	266,126	1.13
2004	654,758	2.65	49,262	0.20	605,496	2.45
2005	417,641	1.65	43,243	0.17	374,397	1.48
2006	563,887	2.14	18,708	0.07	545,179	2.06
2007	531,357	1.98	27,589	0.10	503,768	1.87
2008	532,051	1.99	25,181	0.09	506,869	1.90
2009	377,914	1.51	20,628	0.08	357,285	1.43

**Table 26 Annual Non-Operating Income**

Unit:\$1,000

	Total		Financial Income		Other Non- Operating Income	
	Amount	Percentage of Total Revenue	Amount	Percentage of Total Revenue	Amount	Percentage of Total Revenue
<b>2010</b>	<b>489,261</b>	<b>1.85</b>	<b>18,616</b>	<b>0.07</b>	<b>470,645</b>	<b>1.78</b>
<b>2011</b>	<b>340,760</b>	<b>1.27</b>	<b>23,167</b>	<b>0.09</b>	<b>317,592</b>	<b>1.18</b>
<b>2012</b>	<b>372,343</b>	<b>1.37</b>	<b>24,433</b>	<b>0.09</b>	<b>347,911</b>	<b>1.28</b>
	Total		Indemnity Income		Other Non- Operating Income	
	Amount	Percentage of Total Revenue	Amount	Percentage of Total Revenue	Amount	Percentage of Total Revenue
<b>2013</b>	<b>615,084</b>	<b>2.19</b>	<b>156,021</b>	<b>0.56</b>	<b>459,064</b>	<b>1.63</b>
<b>2014</b>	<b>427,733</b>	<b>1.49</b>	<b>138,768</b>	<b>0.48</b>	<b>288,966</b>	<b>1.00</b>
<b>2015</b>	<b>454,343</b>	<b>1.58</b>	<b>94,891</b>	<b>0.33</b>	<b>359,452</b>	<b>1.25</b>
<b>2016</b>	<b>1,171,079</b>	<b>3.90</b>	<b>95,221</b>	<b>0.32</b>	<b>1,075,858</b>	<b>3.58</b>
<b>2017</b>	<b>288,819</b>	<b>0.96</b>	<b>66,449</b>	<b>0.22</b>	<b>222,369</b>	<b>0.74</b>
<b>2018</b>	<b>682,195</b>	<b>2.22</b>	<b>184,244</b>	<b>0.60</b>	<b>497,951</b>	<b>1.62</b>

Table 27 Annual Expenses

Unit:\$1,000

	Total Expenses	Operating Expenses		Non-Operating Expenses		Income Tax Expense	
	Amount	Amount	Percentage of Total Expenses	Amount	Percentage of Total Expenses	Amount	Percentage of Total Expenses
FY 1974	287,414	272,140	94.69	15,275	5.31	—	—
FY 1975	907,172	831,635	91.67	44,536	4.91	31,001	3.42
FY 1976	1,253,923	1,091,040	87.01	107,939	8.61	54,944	4.38
FY 1977	1,619,898	1,311,808	80.98	273,192	16.86	34,898	2.15
FY 1978	1,931,283	1,578,799	81.75	337,877	17.49	14,607	0.76
FY 1979	2,367,200	1,953,392	82.52	398,366	16.83	15,442	0.65
FY 1980	3,155,389	2,498,659	79.19	572,563	18.15	84,167	2.67
FY 1981	4,067,571	3,351,527	82.40	716,044	17.60	—	—
FY 1982	4,715,149	3,993,735	84.70	721,414	15.30	—	—
FY 1983	5,389,382	4,497,132	83.44	735,269	13.64	156,981	2.91
FY 1984	5,944,715	4,868,490	81.90	952,917	16.03	123,308	2.07
FY 1985	6,269,361	5,234,706	83.50	897,941	14.32	136,713	2.18
FY 1986	6,648,140	5,734,649	86.26	816,161	12.28	97,330	1.46
FY 1987	6,687,882	5,842,474	87.36	626,617	9.37	218,791	3.27
FY 1988	8,100,853	7,343,237	90.65	684,964	8.46	72,651	0.90
FY 1989	8,887,737	8,004,731	90.06	816,106	9.18	66,899	0.75
FY 1990	9,684,854	8,763,620	90.49	876,814	9.05	44,420	0.46
FY 1991	10,643,084	9,662,080	90.78	973,363	9.15	7,640	0.07
FY 1992	12,027,045	10,536,314	87.61	1,324,625	11.01	166,105	1.38
FY 1993	18,151,320	13,549,172	74.65	4,602,148	25.35	—	—
FY 1994	17,887,697	14,995,325	83.83	2,736,406	15.30	155,967	0.87
FY 1995	19,868,024	16,591,362	83.51	3,078,879	15.50	197,784	1.00
FY 1996	20,265,280	16,898,525	83.39	3,218,111	15.88	148,644	0.73
FY 1997	19,912,914	16,469,232	82.71	3,311,435	16.63	132,247	0.66
FY 1998	22,871,027	18,022,839	78.80	4,748,422	20.76	99,766	0.44
FY 1999	22,971,995	19,215,137	83.65	3,641,203	15.85	115,656	0.50
FY 2000	35,053,876	28,904,280	82.46	6,080,266	17.35	69,330	0.20
2001	23,473,115	19,423,341	82.75	3,926,757	16.73	123,017	0.52
2002	22,980,561	21,306,268	92.71	1,674,293	7.29	—	—
2003	23,468,026	21,795,840	92.87	1,655,211	7.05	16,975	0.07
2004	24,677,323	23,240,885	94.18	1,436,438	5.82	—	—
2005	24,856,429	23,311,989	93.79	1,538,899	6.19	5,541	0.02
2006	26,114,881	24,415,524	93.49	1,661,307	6.36	38,050	0.15
2007	26,673,962	24,709,158	92.63	1,952,865	7.32	11,938	0.04
2008	26,620,498	24,720,894	92.86	1,911,609	7.18	-12,005	-0.05
2009	26,194,736	24,881,814	94.99	1,627,005	6.21	-314,082	-1.20
2010	26,604,512	25,334,805	95.23	1,221,000	4.59	48,707	0.18
2011	27,146,824	25,863,800	95.27	1,352,483	4.98	-69,460	-0.26
2012	27,507,637	25,978,749	94.44	1,575,369	5.73	-46,482	-0.17
2013	28,068,798	26,445,042	94.22	1,639,882	5.84	-16,126	-0.06
2014	28,709,655	27,222,550	94.82	1,482,998	5.17	4,107	0.01
2015	30,609,241	29,052,817	94.92	1,929,249	6.30	-372,824	-1.22
2016	28,741,015	27,256,332	94.83	1,734,583	6.04	-249,900	-0.87
2017	29,604,963	27,562,066	93.10	1,835,011	6.20	207,886	0.70
2018	30,363,077	29,046,544	95.66	1,473,682	4.85	-157,149	-0.52

**Table 28 Annual Operating Expenses**

Unit: \$1,000

	Total		Cost of Sales		Other Operating Costs		Administrative Expense		Overhead Expense		Other Operating Expenses	
	Amount	Percentage of Total Expenses	Amount	Percentage of Total Expenses	Amount	Percentage of Total Expenses	Amount	Percentage of Total Expenses	Amount	Percentage of Total Expenses	Amount	Percentage of Total Expenses
FY 1974	272,140	94.69	151,487	52.71	62,394	21.71	35,665	12.41	22,594	7.86	—	—
FY 1975	831,635	91.67	473,744	52.22	186,260	20.53	110,748	12.21	60,884	6.71	—	—
FY 1976	1,091,040	87.01	601,211	47.95	240,458	19.18	171,504	13.68	77,868	6.21	—	—
FY 1977	1,311,808	80.98	708,189	43.72	305,989	18.89	208,723	12.88	88,906	5.49	—	—
FY 1978	1,578,799	81.75	874,331	45.27	376,753	19.51	225,799	11.69	101,915	5.28	—	—
FY 1979	1,953,392	82.52	1,104,062	46.64	463,952	19.60	267,122	11.28	118,257	5.00	—	—
FY 1980	2,498,659	79.19	1,498,327	47.48	549,192	17.40	318,294	10.09	132,846	4.21	—	—
FY 1981	3,351,527	82.40	2,042,242	50.21	767,250	18.86	380,634	9.36	161,401	3.97	—	—
FY 1982	3,993,735	84.70	2,518,260	53.41	838,074	17.77	464,217	9.85	173,184	3.67	—	—
FY 1983	4,497,132	83.44	2,996,950	55.61	738,420	13.70	571,202	10.60	190,560	3.54	—	—
FY 1984	4,868,490	81.90	3,289,160	55.33	685,032	11.52	698,285	11.75	196,013	3.30	—	—
FY 1985	5,234,706	83.50	3,661,145	58.40	646,629	10.31	705,588	11.25	221,344	3.53	—	—
FY 1986	5,734,649	86.26	4,027,633	60.58	605,426	9.11	868,358	13.06	233,232	3.51	—	—
FY 1987	5,842,474	87.36	4,221,086	63.12	619,049	9.26	752,571	11.25	249,768	3.73	—	—
FY 1988	7,343,237	90.65	4,945,141	61.04	779,589	9.62	1,297,597	16.02	320,911	3.96	—	—
FY 1989	8,004,731	90.06	5,594,992	62.95	915,446	10.30	1,100,902	12.39	393,391	4.43	—	—
FY 1990	8,763,620	90.49	6,271,180	64.75	888,132	9.17	1,152,729	11.90	451,579	4.66	—	—
FY 1991	9,662,080	90.78	6,697,288	62.93	1,106,297	10.39	1,337,619	12.57	520,876	4.89	—	—
FY 1992	10,536,314	87.61	7,431,860	61.79	1,055,438	8.78	1,498,141	12.46	550,875	4.58	—	—
FY 1993	13,549,172	74.65	9,257,356	51.00	1,653,363	9.11	1,867,129	10.29	771,324	4.25	—	—
FY 1994	14,995,325	83.83	10,001,568	55.91	2,199,867	12.30	2,012,538	11.25	781,353	4.37	—	—
FY 1995	16,591,362	83.51	11,089,582	55.82	2,417,599	12.17	2,293,551	11.54	790,630	3.98	—	—
FY 1996	16,898,525	83.39	11,953,531	58.99	2,096,818	10.35	2,035,242	10.04	781,068	3.85	31,866	0.16
FY 1997	16,469,232	82.71	11,633,730	58.42	1,818,814	9.13	2,209,078	11.09	775,292	3.89	32,317	0.16
FY 1998	18,022,839	78.80	13,434,723	58.74	1,497,283	6.55	2,219,093	9.70	830,874	3.63	40,866	0.18
FY 1999	19,215,137	83.65	14,307,425	62.28	1,647,306	7.17	2,324,914	10.12	890,518	3.88	44,973	0.20
FY 2000	28,904,280	82.46	21,738,193	62.01	2,150,835	6.14	3,542,330	10.11	1,406,811	4.01	66,111	0.19
2001	19,423,341	82.75	15,005,130	63.92	1,173,706	5.00	2,242,451	9.55	955,881	4.07	46,172	0.20
2002	21,306,268	92.71	16,563,100	72.07	1,099,138	4.78	2,528,605	11.00	1,067,996	4.65	47,429	0.21
2003	21,795,840	92.87	17,150,594	73.08	1,136,039	4.84	2,395,847	10.21	1,070,618	4.56	42,741	0.18
2004	23,240,885	94.18	18,329,916	74.28	1,392,647	5.64	2,348,190	9.52	1,119,304	4.54	50,827	0.21
2005	23,311,989	93.79	18,094,663	72.80	1,728,346	6.95	2,322,264	9.34	1,119,856	4.51	46,861	0.19
2006	24,415,524	93.49	19,000,132	72.76	1,721,618	6.59	2,423,749	9.28	1,209,560	4.63	60,464	0.23
2007	24,709,158	92.63	19,197,753	71.97	1,816,466	6.81	2,403,266	9.01	1,230,523	4.61	61,149	0.23
2008	24,720,894	92.86	19,672,628	73.90	1,536,659	5.77	2,205,029	8.28	1,241,316	4.66	65,260	0.25
2009	24,881,814	94.99	20,178,039	77.03	1,189,796	4.54	2,257,828	8.62	1,181,045	4.51	75,105	0.29
2010	25,334,805	95.23	20,618,556	77.50	1,275,907	4.80	2,291,599	8.61	1,083,248	4.07	65,494	0.25
2011	25,863,800	95.27	20,900,221	76.99	1,405,519	5.18	2,374,830	8.75	1,120,099	4.13	63,131	0.23
2012	25,978,749	94.44	21,013,933	76.39	1,396,293	5.08	2,367,321	8.61	1,140,405	4.15	60,797	0.22
2013	26,445,042	94.22	21,464,077	76.47	1,558,040	5.55	2,285,316	8.14	1,085,350	3.87	52,260	0.19
2014	27,222,550	94.82	22,294,562	77.66	1,555,682	5.42	2,229,013	7.76	1,095,109	3.81	48,184	0.17
2015	29,052,817	94.92	23,292,606	76.10	1,701,765	5.56	2,721,037	8.89	1,291,397	4.22	46,012	0.15
2016	27,256,332	94.83	22,203,986	77.26	1,604,230	5.58	2,340,292	8.14	1,060,990	3.69	46,834	0.16
2017	27,562,066	93.10	22,499,058	76.00	1,670,332	5.64	2,315,529	7.82	1,029,333	3.48	47,813	0.16
2018	29,046,544	95.66	23,737,452	78.18	1,735,510	5.72	2,478,019	8.16	1,034,420	3.41	61,143	0.20

Table 29 Annual Non-Operating Expenses

Unit:\$1,000

	Total		Financial Expenses		Other Non-Operating Expenses	
	Amount	Percentage of Total Expenses	Amount	Percentage of Total Expenses	Amount	Percentage of Total Expenses
FY 1974	15,275	5.31	14,013	4.88	1,262	0.44
FY 1975	44,536	4.91	37,430	4.13	7,106	0.78
FY 1976	107,939	8.61	76,069	6.07	31,870	2.54
FY 1977	273,192	16.86	260,999	16.11	12,193	0.75
FY 1978	337,877	17.49	322,481	16.70	15,396	0.80
FY 1979	398,366	16.83	381,501	16.12	16,865	0.71
FY 1980	572,563	18.15	538,679	17.07	33,884	1.07
FY 1981	716,044	17.60	700,586	17.22	15,458	0.38
FY 1982	721,414	15.30	708,048	15.02	13,366	0.28
FY 1983	735,269	13.64	713,526	13.24	21,743	0.40
FY 1984	952,917	16.03	924,892	15.56	28,025	0.47
FY 1985	897,941	14.32	873,470	13.93	24,471	0.39
FY 1986	816,161	12.28	790,510	11.89	25,651	0.39
FY 1987	626,617	9.37	609,586	9.11	17,031	0.25
FY 1988	684,964	8.46	633,054	7.81	51,910	0.64
FY 1989	816,106	9.18	690,581	7.77	125,525	1.41
FY 1990	876,814	9.05	769,899	7.95	106,915	1.10
FY 1991	973,363	9.15	731,396	6.87	241,967	2.27
FY 1992	1,324,625	11.01	872,496	7.25	452,129	3.76
FY 1993	4,602,148	25.35	1,790,891	9.87	2,811,257	15.49
FY 1994	2,736,406	15.30	2,373,182	13.27	363,224	2.03
FY 1995	3,078,879	15.50	2,699,964	13.59	378,915	1.91
FY 1996	3,218,111	15.88	2,429,761	11.99	788,349	3.89
FY 1997	3,311,435	16.63	2,634,208	13.23	677,227	3.40
FY 1998	4,748,422	20.76	2,839,253	12.41	1,909,169	8.35
FY 1999	3,641,203	15.85	2,930,120	12.76	711,083	3.10
FY 2000	6,080,266	17.35	4,010,071	11.44	2,070,195	5.91
2001	3,926,757	16.73	2,536,476	10.81	1,390,281	5.92
2002	1,674,293	7.29	1,287,872	5.60	386,422	1.68
2003	1,655,211	7.05	882,147	3.76	773,064	3.29
2004	1,436,438	5.82	797,970	3.23	638,468	2.59
2005	1,538,899	6.19	831,118	3.34	707,781	2.85
2006	1,661,307	6.36	884,968	3.39	776,339	2.97
2007	1,952,865	7.32	1,002,522	3.76	950,344	3.56
2008	1,911,609	7.18	1,070,155	4.02	841,454	3.16
2009	1,627,005	6.21	401,352	1.53	1,225,652	4.68
2010	1,221,000	4.59	372,787	1.40	848,213	3.19
2011	1,352,483	4.98	489,684	1.80	862,799	3.18
2012	1,575,369	5.73	533,864	1.94	1,041,506	3.79
2013	1,639,882	5.84	637,517	2.27	1,002,365	3.57
2014	1,482,998	5.17	619,318	2.16	863,681	3.01
2015	1,929,249	6.30	607,607	1.99	1,321,641	4.32
2016	1,734,583	6.04	536,022	1.87	1,198,561	4.17
2017	1,835,011	6.20	502,094	1.70	1,332,917	4.50
2018	1,473,682	4.85	513,258	1.69	960,425	3.16

Table 30 Annual Financial Structure

Unit: \$1,000

Year	Property Plant and Equipment (1)	Investment Proptrty (2)	Total Assets (3)	Long-Term Liabilities (4)	Total Liabilities (5)	Owner's Equity (6)
FY 1974	2,349,557		2,860,236	603,151	772,840	2,087,396
FY 1975	4,326,358		5,209,373	1,683,019	2,089,161	3,120,212
FY 1976	5,888,977		7,364,804	2,696,545	3,286,620	4,078,184
FY 1977	7,698,185		9,043,713	3,522,424	4,175,681	4,868,032
FY 1978	9,338,010		10,138,874	4,261,283	5,127,882	5,010,992
FY 1979	10,340,588		11,124,506	4,300,674	5,599,067	5,525,439
FY 1980	11,952,130		13,214,905	5,246,998	6,355,537	6,859,368
FY 1981	16,199,064		17,755,860	6,043,506	7,757,993	9,997,867
FY 1982	20,773,325		23,156,492	8,097,470	9,545,614	13,610,878
FY 1983	24,821,096		26,722,119	8,191,612	10,094,053	16,628,066
FY 1984	27,810,572		29,814,378	9,943,360	11,336,113	18,478,265
FY 1985	34,704,040		35,935,219	9,927,361	11,602,302	24,332,917
FY 1986	37,188,988		38,681,857	11,192,060	12,643,490	26,038,367
FY 1987	40,217,823		42,182,065	11,563,218	13,254,141	28,927,924
FY 1988	43,799,346		45,630,206	11,819,957	13,875,114	31,755,092
FY 1989	47,992,947		50,633,055	13,651,271	15,945,358	34,687,697
FY 1990	53,928,102		57,649,720	16,765,666	19,453,595	38,196,125
FY 1991	61,654,207		67,754,849	22,876,769	25,778,493	41,976,356
FY 1992	70,308,714		77,898,424	26,290,826	30,954,629	46,943,796
FY 1993	80,970,520		86,391,090	26,876,748	35,840,262	50,550,828
FY 1994	149,090,184		157,314,696	67,339,497	77,579,254	79,735,442
FY 1995	166,604,452		173,289,740	68,877,558	87,930,021	85,359,719
FY 1996	179,237,788		194,463,292	81,174,331	101,513,023	92,950,269
FY 1997	186,008,969		202,153,345	83,379,862	95,207,087	106,946,258
FY 1998	191,633,468		210,187,549	87,304,866	99,266,777	110,920,772
FY 1999	199,338,463		218,237,617	85,035,601	98,645,662	119,591,955
FY 2000	206,525,986		223,649,712	86,796,770	99,111,940	124,537,773
2001	223,808,947		240,789,718	92,196,054	105,675,976	135,113,742
2002	228,073,293		245,651,532	94,061,356	106,787,375	138,864,157
2003	231,032,184		248,270,098	88,802,547	105,422,336	142,847,762
2004	230,822,603		247,605,297	85,986,506	102,691,464	144,913,833
2005	230,423,100		246,338,109	83,458,597	99,546,314	146,791,795
2006	233,368,145		248,888,239	78,729,554	99,747,698	149,140,541
2007	234,083,235		248,395,741	76,243,960	98,698,793	149,696,949
2008	235,315,610		250,174,615	76,330,781	98,499,077	151,675,538
2009	243,013,785		257,624,576	58,307,249	86,895,255	170,729,321
2010	251,447,847		265,341,554	61,125,213	87,117,072	178,224,482
2011	256,984,135		269,901,094	58,768,721	89,206,092	180,695,003
2012	261,769,429		274,913,702	60,392,057	94,320,922	180,592,780
2013	266,416,988	299,561	274,392,450	35,170,028	98,233,468	176,158,982
2014	274,651,514	352,048	282,544,273	37,908,870	104,199,869	178,344,404
2015	281,903,961	328,147	289,560,608	42,108,342	110,991,685	178,568,923
2016	288,956,503	342,063	296,713,018	41,075,985	114,246,141	182,466,877
2017	296,070,463	369,556	303,199,217	40,864,085	118,079,439	185,119,778
2018	302,250,237	477,016	309,675,472	55,512,342	121,711,897	187,963,574

**Table 30 Annual Financial Structure**

Year	Long-Term Fund (7)=(4)+(6)	Net Worth Ratio(%) (6)÷(3)	Debtequity Ratio(%) (5)÷(6)	Fixed Ratio(%) [ (1)+(2) ] ÷(5)	Fixed Assets to Long-Term Fund(%) [ (1)+(2) ] ÷(7)
FY 1974	2,690,547	72.98	37.02	112.56	87.33
FY 1975	4,803,231	59.90	66.96	138.66	90.07
FY 1976	6,774,729	55.37	80.59	144.40	86.93
FY 1977	8,390,456	53.83	85.78	158.14	91.75
FY 1978	9,272,275	49.42	102.33	186.35	100.71
FY 1979	9,826,113	49.67	101.33	187.15	105.24
FY 1980	12,106,366	51.91	92.65	174.25	98.73
FY 1981	16,041,373	56.31	77.60	162.03	100.98
FY 1982	21,708,348	58.78	70.13	152.62	95.69
FY 1983	24,819,678	62.23	60.70	149.27	100.01
FY 1984	28,421,625	61.98	61.35	150.50	97.85
FY 1985	34,260,277	67.71	47.68	142.62	101.30
FY 1986	37,230,427	67.31	48.56	142.82	99.89
FY 1987	40,491,143	68.58	45.82	139.03	99.32
FY 1988	43,575,049	69.59	43.69	137.93	100.51
FY 1989	48,338,968	68.51	45.97	138.36	99.28
FY 1990	54,961,791	66.26	50.93	141.19	98.12
FY 1991	64,853,126	61.95	61.41	146.88	95.07
FY 1992	73,234,622	60.26	65.94	149.77	96.00
FY 1993	77,427,577	58.51	70.90	160.18	104.58
FY 1994	147,074,939	50.69	97.30	186.98	101.37
FY 1995	154,237,277	49.26	103.01	195.18	108.02
FY 1996	174,124,600	47.80	109.21	192.83	102.94
FY 1997	190,326,121	52.90	89.02	173.93	97.73
FY 1998	198,225,638	52.77	89.49	172.77	96.67
FY 1999	204,627,556	54.80	82.49	166.68	97.42
FY 2000	211,334,543	55.68	79.58	165.83	97.72
2001	227,309,796	56.11	78.21	165.64	98.46
2002	232,925,513	56.53	76.90	164.24	97.92
2003	231,650,309	57.54	73.80	161.73	99.73
2004	230,900,339	58.53	70.86	159.28	99.97
2005	230,250,392	59.59	67.81	156.97	100.08
2006	227,870,094	59.92	66.88	156.48	102.41
2007	225,940,908	60.27	65.93	156.37	103.60
2008	228,006,319	60.63	64.94	155.14	103.21
2009	229,036,571	66.27	50.90	142.34	106.10
2010	239,349,695	67.17	48.88	141.08	105.05
2011	239,463,724	66.95	49.37	142.22	107.32
2012	240,984,837	65.69	52.23	144.95	108.62
2013	211,329,010	64.20	55.76	151.41	126.21
2014	216,253,274	63.12	58.43	154.20	127.17
2015	220,677,264	61.67	62.16	158.05	127.89
2016	223,542,862	61.50	62.61	158.55	129.42
2017	225,983,863	61.06	63.79	160.13	131.18
2018	243,475,916	60.70	64.75	161.06	124.34

Table 31 Annual Return on Investment

Unit:\$1,000

Year	Operating Income (1)	Sale of Wate (2)	Total Cost of Water Supplied (3)=(4)+(5)+ (6)+(7)+(8)	Cost of WaterSupplied (4)	Admini- strative Expense (5)	Overhead Expense (6)	Other Operating Expenses (7)	Financial Expenses (8)
FY 1974	271,067	185,976	216,666	151,487	35,665	15,502	-	14,013
FY 1975	949,036	688,458	666,086	473,744	110,748	44,165	-	37,430
FY 1976	1,385,610	1,028,461	906,578	601,211	171,504	57,794	-	76,069
FY 1977	1,670,572	1,200,307	1,241,790	708,189	208,723	63,879	-	260,999
FY 1978	1,943,255	1,378,779	1,494,920	874,331	225,799	72,309	-	322,481
FY 1979	2,379,071	1,690,679	1,836,718	1,104,062	267,122	84,033	-	381,501
FY 1980	3,376,531	2,617,045	2,458,269	1,498,327	318,294	102,969	-	538,679
FY 1981	3,919,342	2,907,376	3,241,737	2,042,242	380,634	118,275	-	700,586
FY 1982	4,708,745	3,643,217	3,824,517	2,518,260	464,217	133,992	-	708,048
FY 1983	5,823,489	4,845,855	4,440,243	2,996,950	571,202	158,565	-	713,526
FY 1984	6,228,317	5,332,432	5,080,163	3,289,160	698,285	167,827	-	924,892
FY 1985	6,591,390	5,692,433	5,431,355	3,661,145	705,588	191,153	-	873,470
FY 1986	6,870,111	6,007,593	5,890,452	4,027,633	868,358	203,951	-	790,510
FY 1987	7,286,145	6,369,260	5,801,590	4,221,086	752,571	218,347	-	609,586
FY 1988	8,228,193	7,013,290	7,149,304	4,945,141	1,297,597	273,512	-	633,054
FY 1989	9,009,658	7,608,689	7,718,694	5,594,992	1,100,902	332,219	-	690,581
FY 1990	9,715,997	8,222,554	8,575,979	6,271,180	1,152,729	382,171	-	769,899
FY 1991	10,572,985	8,787,761	9,199,256	6,697,288	1,337,619	432,952	-	731,396
FY 1992	12,405,962	10,243,565	10,257,355	7,431,860	1,498,141	454,858	-	872,496
FY 1993	16,286,605	13,196,225	13,540,380	9,257,356	1,867,129	625,004	-	1,790,891
FY 1994	18,321,625	13,911,867	14,980,580	10,001,568	2,012,538	593,292	-	2,373,182
FY 1995	20,297,060	15,630,589	16,691,961	11,089,582	2,293,551	608,864	-	2,699,964
FY 1996	20,319,034	16,360,626	17,231,469	11,953,531	2,035,242	781,068	31,866	2,429,761
FY 1997	20,048,372	16,347,024	17,284,625	11,633,730	2,209,078	775,292	32,317	2,634,208
FY 1998	21,851,388	18,910,332	19,364,809	13,434,723	2,219,093	830,874	40,866	2,839,253
FY 1999	22,952,845	19,867,111	20,497,951	14,307,425	2,324,914	890,518	44,973	2,930,120
FY 2000	34,480,215	31,363,541	30,763,516	21,738,193	3,542,330	1,406,811	66,111	4,010,071
2001	22,994,325	21,376,684	20,786,111	15,005,130	2,242,451	955,881	46,172	2,536,476
2002	22,597,370	21,082,276	21,495,001	16,563,100	2,528,605	1,067,996	47,429	1,287,872
2003	23,293,957	21,589,235	21,541,948	17,150,594	2,395,847	1,070,618	42,741	882,147
2004	24,032,253	22,039,862	22,646,208	18,329,916	2,348,190	1,119,304	50,827	797,970
2005	24,884,677	22,557,575	22,414,760	18,094,663	2,322,264	1,119,856	46,860	831,118
2006	25,846,837	23,335,518	23,578,874	19,000,132	2,423,749	1,209,560	60,464	884,968
2007	26,366,228	23,791,970	23,895,214	19,197,753	2,403,266	1,230,523	61,149	1,002,522
2008	26,176,967	23,967,379	24,254,390	19,672,628	2,205,029	1,241,316	65,260	1,070,155
2009	24,649,851	22,800,208	24,093,370	20,178,039	2,257,828	1,181,045	75,105	401,352
2010	25,982,378	24,060,360	24,431,684	20,618,556	2,291,599	1,083,248	65,494	372,787
2011	26,478,122	24,326,123	24,947,965	20,900,221	2,374,830	1,120,099	63,131	489,684
2012	26,739,893	24,610,556	25,116,320	21,013,933	2,367,321	1,140,405	60,797	533,864
2013	27,525,234	25,103,560	25,524,519	21,464,077	2,285,316	1,085,350	52,260	637,517
2014	28,344,547	25,885,027	26,286,186	22,294,562	2,229,013	1,095,109	48,184	619,318
2015	28,348,588	25,651,249	27,958,659	23,292,606	2,721,037	1,291,397	46,012	607,607
2016	28,867,919	26,206,184	26,188,124	22,203,986	2,340,292	1,060,990	46,834	536,022
2017	29,668,180	26,923,059	26,393,828	22,499,058	2,315,529	1,029,333	47,813	502,094
2018	30,073,837	27,176,825	27,824,292	23,737,452	2,478,019	1,034,420	61,143	513,258

Table 31 Annual Return on Investment

Unit:\$1,000

Year	Profit/Loss from Water Supplied (9)=(2)-(3)	Net Income (10)	Average Owner's Equity (11)	Return on Water Investment(%) (9)÷(11)	Return on Equity(%) (10)÷(11)
FY 1974	-30,690	-11,600	2,087,396	-1.47	-0.56
FY 1975	22,371	64,516	2,603,804	0.86	2.48
FY 1976	121,883	175,003	3,599,198	3.39	4.86
FY 1977	-41,483	104,695	4,473,108	-0.93	2.34
FY 1978	-116,141	43,822	4,939,512	-2.35	0.89
FY 1979	-146,040	46,326	5,268,215	-2.77	0.88
FY 1980	158,776	252,502	6,192,404	2.56	4.08
FY 1981	-334,360	-99,974	8,428,618	-3.97	-1.19
FY 1982	-181,300	42,430	11,804,372	-1.54	0.36
FY 1983	405,612	528,487	15,119,472	2.68	3.50
FY 1984	252,269	369,925	17,553,166	1.44	2.11
FY 1985	261,078	410,140	21,405,591	1.22	1.92
FY 1986	117,141	291,990	25,185,642	0.47	1.16
FY 1987	567,670	666,104	27,483,146	2.07	2.42
FY 1988	-136,014	221,115	30,341,508	-0.45	0.73
FY 1989	-110,004	208,528	33,221,395	-0.33	0.63
FY 1990	-353,425	139,853	36,441,911	-0.97	0.38
FY 1991	-411,495	52,809	40,086,241	-1.03	0.13
FY 1992	-13,790	513,272	44,460,076	-0.03	1.15
FY 1993	-344,155	-189,193	48,747,312	-0.71	-0.39
FY 1994	-1,068,714	690,440	65,143,135	-1.64	1.06
FY 1995	-1,061,372	1,268,453	82,547,581	-1.29	1.54
FY 1996	-870,842	384,941	89,154,994	-0.98	0.43
FY 1997	-937,602	424,558	99,948,264	-0.94	0.42
FY 1998	-454,477	324,797	108,933,515	-0.42	0.30
FY 1999	-630,839	596,129	115,256,363	-0.55	0.52
FY 2000	600,026	90,925	122,064,864	0.49	0.07
2001	590,573	392,415	129,825,757	0.45	0.30
2002	-412,725	93,202	136,988,949	-0.30	0.07
2003	47,288	109,179	140,855,960	0.03	0.08
2004	-606,346	9,688	143,880,798	-0.42	0.01
2005	142,815	445,889	145,852,814	0.10	0.31
2006	-243,356	295,843	147,966,168	-0.16	0.20
2007	-103,243	223,623	149,418,745	-0.07	0.15
2008	-287,011	88,520	150,686,243	-0.19	0.06
2009	-1,293,162	-1,166,972	161,202,430	-0.80	-0.72
2010	-371,324	-132,873	174,476,902	-0.21	-0.08
2011	-621,842	-327,943	179,459,742	-0.35	-0.18
2012	-505,764	-395,400	180,643,891	-0.28	-0.22
2013	-420,959	71,521	175,598,219	-0.24	0.04
2014	-401,158	62,625	177,251,693	-0.23	0.04
2015	-2,307,410	-1,806,310	178,456,663	-1.29	-1.01
2016	18,060	1,297,983	180,517,900	0.01	0.72
2017	529,231	352,036	183,793,328	0.29	0.19
2018	-647,467	392,955	186,541,676	-0.35	0.21

Table 32 Liquidity Analysis

Unit:\$1,000

Year	Current Assets (1)	Current Liabilities (2)	Depreciation (3)	Earnings before Interest (4)	Interest Expense (5)	Capital Pay Back (6)	Current Ratio(%) (1)÷(2)	Liquidity Protection(%) ((3)+(4)) ÷ ((5)+(6))	Times Interest Earned(%) (4)÷(5)
FY 1974	360,405	146,513	47,614	2,412	14,013	20,032	245.99	146.94	17.21
FY 1975	732,568	358,774	136,630	101,947	37,430	68,482	204.19	225.26	272.37
FY 1976	983,094	520,115	166,906	251,072	76,069	192,829	189.01	155.44	330.06
FY 1977	1,182,823	595,794	189,422	365,694	260,999	426,816	198.53	80.71	140.11
FY 1978	650,642	802,097	245,927	366,303	322,481	600,558	81.12	66.33	113.59
FY 1979	645,668	1,207,766	358,102	427,827	381,501	1,070,086	53.46	54.14	112.14
FY 1980	1,108,500	1,010,523	465,575	791,181	538,679	490,854	109.70	122.07	146.87
FY 1981	1,365,002	1,588,058	585,648	600,612	700,586	547,455	85.95	95.05	85.73
FY 1982	2,160,916	1,265,415	719,302	750,478	708,048	629,924	170.77	109.85	105.99
FY 1983	1,628,405	1,771,277	909,935	1,242,013	713,526	786,870	91.93	143.43	174.07
FY 1984	1,700,212	1,206,602	1,060,778	1,294,817	924,892	1,061,554	140.91	118.58	140.00
FY 1985	933,817	1,509,961	1,212,200	1,283,610	873,470	1,282,080	61.84	115.79	146.96
FY 1986	1,145,312	1,210,325	1,339,863	1,082,500	790,510	4,445,300	94.63	46.27	136.94
FY 1987	1,581,634	1,453,780	1,439,242	1,275,690	609,586	1,399,068	108.79	135.16	209.27
FY 1988	1,374,091	1,669,020	1,577,116	854,169	633,054	1,569,726	82.33	110.37	134.93
FY 1989	2,124,851	1,883,123	1,690,896	899,109	690,581	1,358,290	112.84	126.41	130.20
FY 1990	3,107,174	2,131,459	1,756,477	909,752	769,899	1,594,945	145.78	112.74	118.17
FY 1991	4,735,640	2,429,838	1,807,842	784,205	731,396	1,717,233	194.90	105.86	107.22
FY 1992	5,936,642	4,050,626	2,024,809	1,385,768	872,496	1,970,408	146.56	119.97	158.83
FY 1993	3,026,330	8,168,121	2,272,012	1,601,698	1,790,891	2,672,982	37.05	86.78	89.44
FY 1994	2,978,498	9,365,911	2,543,874	3,063,622	2,373,182	2,929,439	31.80	105.75	129.09
FY 1995	2,782,003	9,141,549	3,053,877	3,968,417	2,699,964	3,317,179	30.43	116.70	146.98
FY 1996	2,602,363	10,165,096	3,694,476	2,814,702	2,429,761	3,693,779	25.60	106.30	115.84
FY 1997	2,205,422	10,694,197	3,541,805	3,058,766	2,634,208	4,558,580	20.62	91.77	116.12
FY 1998	2,848,370	10,447,168	4,816,635	3,164,050	2,839,253	4,577,697	27.26	107.60	111.44
FY 1999	3,087,390	12,643,435	5,227,131	3,526,249	2,930,120	5,027,407	24.42	110.00	120.34
FY 2000	2,748,692	11,289,185	8,334,979	4,100,996	4,010,071	7,975,357	24.35	103.76	102.27
2001	1,724,289	12,786,605	5,876,335	2,928,891	2,536,476	6,383,431	13.49	98.71	115.47
2002	1,387,987	11,849,081	6,149,455	1,381,074	1,287,872	6,452,269	11.71	97.29	107.24
2003	1,451,651	15,752,821	6,821,580	991,326	882,147	6,328,832	9.22	108.35	112.38
2004	1,434,631	15,729,582	7,040,876	807,658	797,970	10,539,550	9.12	69.23	101.21
2005	1,063,393	14,890,721	6,993,493	1,282,548	831,118	11,645,766	7.14	66.33	154.32
2006	1,674,710	18,406,829	7,083,991	1,180,811	884,968	10,103,106	9.10	75.22	133.43
2007	1,493,554	19,309,602	7,172,684	1,226,145	1,002,522	12,572,513	7.73	61.87	122.31
2008	1,471,982	17,888,281	7,120,625	1,158,676	1,070,155	13,533,468	8.23	56.69	108.27
2009	1,875,552	22,766,687	7,198,256	-765,620	401,352	12,418,122	8.24	50.18	-190.76
2010	1,582,420	18,584,856	7,324,584	239,914	372,787	16,280,970	8.51	45.42	64.36
2011	1,208,941	22,498,647	7,590,343	161,742	489,684	13,052,578	5.37	57.24	33.03
2012	1,365,426	24,724,685	7,701,835	138,464	533,864	15,670,215	5.52	48.38	25.94
2013	1,307,369	25,408,805	7,915,615	709,037	637,517	16,732,553	5.15	49.65	111.22
2014	1,379,495	27,894,851	7,842,703	681,943	619,318	18,225,351	4.95	45.24	110.11
2015	1,676,626	28,446,623	7,910,268	-1,198,703	607,607	19,352,345	5.89	33.63	-197.28
2016	1,746,208	33,904,980	7,996,788	1,834,006	536,022	20,811,856	5.15	46.05	342.15

**Table 32 Liquidity Analysis**

Unit:\$1,000

Year	Current Assets (1)	Current Liabilities (2)	Depreciation (3)	Earnings before Interest (4)	Interest Expense (5)	Capital Pay Back (6)	Current Ratio(%) (1)÷(2)	Liquidity Protection(%) ((3)+(4)) ÷ ((5)+(6))	Times Interest Earned(%) (4)÷(5)
<b>2017</b>	<b>1,431,613</b>	<b>36,079,681</b>	<b>8,122,869</b>	<b>854,130</b>	<b>502,094</b>	<b>24,720,705</b>	<b>3.97</b>	<b>35.59</b>	<b>170.11</b>
<b>2018</b>	<b>1,858,693</b>	<b>24,143,087</b>	<b>8,468,822</b>	<b>906,213</b>	<b>513,258</b>	<b>27,294,075</b>	<b>7.70</b>	<b>33.71</b>	<b>176.56</b>

Table 33 Comparison of Annual Costs and Sales

Unit:\$

Year	Water Sold (M <sup>3</sup> )	Total Cost			
		Total (2)=(3)+(4)+(5)+ (6)+(7)	Cost of Sales (3)	Administrative Expense (4)	Overhead Expense (5)
	(1)	(6)+(7)	(3)	(4)	(5)
FY 1974	94,742,857	216,665,817	151,486,835	35,664,524	15,501,702
FY 1975	261,112,049	666,086,469	473,744,032	110,747,994	44,164,901
FY 1976	311,210,586	906,577,890	601,211,349	171,503,619	57,793,544
FY 1977	361,037,509	1,241,789,577	708,189,012	208,722,726	63,879,319
FY 1978	420,101,949	1,494,919,905	874,331,432	225,798,871	72,308,735
FY 1979	517,592,608	1,836,718,251	1,104,062,361	267,121,726	84,033,139
FY 1980	560,028,401	2,458,269,178	1,498,326,678	318,293,918	102,969,139
FY 1981	613,043,827	3,241,736,583	2,042,242,045	380,634,171	118,274,734
FY 1982	679,541,560	3,824,517,250	2,518,260,125	464,216,792	133,992,482
FY 1983	749,564,946	4,440,243,016	2,996,950,041	571,201,634	158,565,421
FY 1984	821,449,304	5,080,163,215	3,289,160,075	698,284,456	167,827,050
FY 1985	875,190,707	5,431,355,351	3,661,145,114	705,588,023	191,152,591
FY 1986	938,310,214	5,890,452,418	4,027,633,354	868,358,040	203,950,426
FY 1987	1,024,936,291	5,801,590,008	4,221,085,566	752,570,961	218,347,462
FY 1988	1,116,045,137	7,149,304,176	4,945,140,510	1,297,597,170	273,512,656
FY 1989	1,206,166,904	7,718,693,531	5,594,992,351	1,100,901,690	332,218,718
FY 1990	1,297,993,967	8,575,979,331	6,271,179,567	1,152,729,230	382,171,543
FY 1991	1,384,445,949	9,199,255,959	6,697,288,114	1,337,619,145	432,952,418
FY 1992	1,437,324,349	10,257,354,594	7,431,859,943	1,498,141,407	454,857,731
FY 1993	1,513,969,665	13,540,380,228	9,257,356,127	1,867,128,942	625,003,914
FY 1994	1,603,512,570	14,980,580,101	10,001,567,665	2,012,538,349	593,292,087
FY 1995	1,662,626,031	16,691,960,998	11,089,581,627	2,293,551,286	608,864,004
FY 1996	1,743,643,394	17,231,468,942	11,953,530,704	2,035,242,286	781,068,256
FY 1997	1,853,175,311	17,284,625,411	11,633,730,226	2,209,078,006	775,292,117
FY 1998	1,781,419,557	19,364,809,139	13,434,723,239	2,219,093,355	830,873,567
FY 1999	1,863,755,321	20,497,950,576	14,307,425,436	2,324,913,889	890,518,279
FY 2000	2,927,914,889	30,763,515,804	21,738,193,355	3,542,329,669	1,406,810,769
2001	1,991,751,339	20,786,110,675	15,005,130,385	2,242,450,516	955,881,390
2002	1,964,179,173	21,495,001,144	16,563,100,045	2,528,604,947	1,067,995,785
2003	2,004,898,544	21,541,947,645	17,150,594,426	2,395,847,257	1,070,618,055
2004	2,056,610,319	22,646,207,702	18,329,915,971	2,348,189,827	1,119,304,486
2005	2,094,279,812	22,414,760,340	18,094,663,170	2,322,263,553	1,119,855,514
2006	2,160,291,286	23,578,874,099	19,000,131,968	2,423,749,498	1,209,560,062
2007	2,194,917,288	23,895,213,738	19,197,752,918	2,403,266,443	1,230,523,485
2008	2,203,242,019	24,254,389,650	19,672,628,364	2,205,029,459	1,241,316,148
2009	2,110,707,987	24,093,369,560	20,178,038,913	2,257,828,096	1,181,045,281
2010	2,209,619,278	24,431,684,369	20,618,556,053	2,291,598,788	1,083,248,347
2011	2,231,201,828	24,947,965,330	20,900,221,214	2,374,829,960	1,120,099,135
2012	2,254,044,536	25,116,319,527	21,013,933,127	2,367,320,720	1,140,405,197
2013	2,295,723,519	25,524,519,241	21,464,076,688	2,285,315,852	1,085,350,306
2014	2,361,321,222	26,286,185,585	22,294,562,287	2,229,012,555	1,095,108,906
2015	2,347,637,933	27,958,659,461	23,292,606,406	2,721,036,870	1,291,396,881
2016	2,391,513,349	26,188,124,378	22,203,986,042	2,340,292,188	1,060,989,600
2017	2,450,065,906	26,393,828,082	22,499,058,428	2,315,529,270	1,029,333,376
2018	2,471,638,612	27,824,291,938	23,737,452,247	2,478,019,194	1,034,419,651

Table 33 Comparison of Annual Costs and Sales

Unit:\$

Year	Total Cost		Total Sale		Profit/Loss from Sales  (10)=(8)-(9)
	Other Operating Expenses  (6)	Financial Cost  (7)	Water Sale Revenue ( including Basic Charge )  (8)	Income from Water Sold ( excluding Basic Charge )  (9)	
	FY 1974	—	14,012,756	185,976,236	185,976,236
FY 1975	—	37,429,542	688,457,729	688,457,729	22,371,260
FY 1976	—	76,069,378	1,028,460,864	1,028,460,864	121,882,974
FY 1977	—	260,998,520	1,200,306,617	1,200,306,617	-41,482,960
FY 1978	—	322,480,867	1,378,778,813	1,378,778,813	-116,141,092
FY 1979	—	381,501,025	1,690,678,516	1,690,678,516	-146,039,735
FY 1980	—	538,679,443	2,617,045,064	2,617,045,064	158,775,886
FY 1981	—	700,585,633	2,907,376,096	2,907,376,096	-334,360,487
FY 1982	—	708,047,851	3,643,217,070	3,643,217,070	-181,300,180
FY 1983	—	713,525,920	4,845,855,488	4,845,855,488	405,612,472
FY 1984	—	924,891,634	5,332,432,024	5,332,432,024	252,268,809
FY 1985	—	873,469,623	5,692,433,342	5,692,433,342	261,077,991
FY 1986	—	790,510,598	6,007,593,533	6,007,593,533	117,141,115
FY 1987	—	609,586,019	6,369,259,995	6,369,259,995	567,669,987
FY 1988	—	633,053,840	7,013,289,747	7,013,289,747	-136,014,429
FY 1989	—	690,580,772	7,608,689,143	7,608,689,143	-110,004,388
FY 1990	—	769,898,992	8,222,554,182	8,222,554,182	-353,425,149
FY 1991	—	731,396,283	8,787,761,036	8,787,761,036	-411,494,923
FY 1992	—	872,495,514	10,243,564,658	10,243,564,658	-13,789,936
FY 1993	—	1,790,891,245	13,196,224,843	13,196,224,843	-344,155,385
FY 1994	—	2,373,182,000	13,911,866,566	13,911,866,566	-1,068,713,535
FY 1995	—	2,699,964,081	15,630,589,214	15,630,589,214	-1,061,371,784
FY 1996	31,866,417	2,429,761,279	16,360,626,463	16,360,626,463	-870,842,479
FY 1997	32,317,096	2,634,207,967	16,347,023,855	16,347,023,855	-937,601,556
FY 1998	40,866,075	2,839,252,902	18,910,332,113	16,940,786,783	-454,477,025
FY 1999	44,973,045	2,930,119,926	19,867,111,205	17,786,894,111	-630,839,371
FY 2000	66,110,851	4,010,071,160	31,363,541,335	28,071,582,736	600,025,531
2001	46,172,274	2,536,476,110	21,376,683,773	19,092,996,840	590,573,098
2002	47,428,590	1,287,871,777	21,082,275,652	18,752,052,242	-412,725,492
2003	42,741,120	882,146,787	21,589,235,446	19,177,761,395	47,287,801
2004	50,827,237	797,970,181	22,039,861,783	19,554,951,010	-606,345,919
2005	46,860,279	831,117,824	22,557,575,362	19,985,552,278	142,815,022
2006	60,464,208	884,968,363	23,335,517,792	20,684,909,257	-243,356,307
2007	61,149,210	1,002,521,683	23,791,970,366	21,062,173,667	-103,243,372
2008	65,260,257	1,070,155,422	23,967,378,859	21,167,261,764	-287,010,791
2009	75,105,038	401,352,233	22,800,207,775	19,948,430,752	-1,293,161,785
2010	65,494,381	372,786,800	24,060,360,046	21,146,462,228	-371,324,323
2011	63,130,822	489,684,199	24,326,123,479	21,359,878,821	-621,841,851
2012	60,796,905	533,863,578	24,610,555,791	21,592,573,357	-505,763,736
2013	52,259,736	637,516,659	25,103,560,176	22,029,342,808	-420,959,065
2014	48,184,119	619,317,718	25,885,027,176	22,703,636,495	-401,158,409
2015	46,012,087	607,607,217	25,651,249,043	22,423,181,069	-2,307,410,418
2016	46,834,431	536,022,117	26,206,184,367	22,901,115,763	18,059,990
2017	47,812,829	502,094,180	26,923,059,338	23,552,540,274	529,231,256
2018	61,143,128	513,257,718	27,176,824,701	23,749,015,603	-647,467,237

Table 33 Comparison of Annual Costs and Sales

Unit:N. T. \$/m<sup>3</sup>

Year	Unit Cost						Unit Sale		Unit
	Total	Cost of	Admini-	Overhead	Other	Financial	Average	Average	Profit/
	A=(2)÷(1)	(3)÷(1)	strative	Expense	Operating	Cost	Sale of	Income	Loss
		Expense		Expenses		Supplied (	from Water	Sold (	from
			(4)÷(1)	(5)÷(1)	(6)÷(1)	including	Sold (	excluding	Sales
						Basic	Basic	Basic	B-A
						Charge )	Charge )	Charge )	
						B=(8)÷(1)	(9)÷(1)	(9)÷(1)	
FY 1974	2.29	1.60	0.38	0.16	—	0.15	1.96	1.96	-0.33
FY 1975	2.55	1.81	0.42	0.17	—	0.14	2.64	2.64	0.09
FY 1976	2.91	1.93	0.55	0.19	—	0.24	3.30	3.30	0.39
FY 1977	3.44	1.96	0.58	0.18	—	0.72	3.32	3.32	-0.12
FY 1978	3.56	2.08	0.54	0.17	—	0.77	3.28	3.28	-0.28
FY 1979	3.55	2.13	0.52	0.16	—	0.74	3.27	3.27	-0.28
FY 1980	4.39	2.68	0.57	0.18	—	0.96	4.67	4.67	0.28
FY 1981	5.29	3.33	0.62	0.19	—	1.14	4.74	4.74	-0.55
FY 1982	5.63	3.71	0.68	0.20	—	1.04	5.36	5.36	-0.27
FY 1983	5.92	4.00	0.76	0.21	—	0.95	6.46	6.46	0.54
FY 1984	6.18	4.00	0.85	0.20	—	1.13	6.49	6.49	0.31
FY 1985	6.21	4.18	0.81	0.22	—	1.00	6.50	6.50	0.29
FY 1986	6.28	4.29	0.93	0.22	—	0.84	6.40	6.40	0.12
FY 1987	5.66	4.12	0.73	0.21	—	0.59	6.21	6.21	0.55
FY 1988	6.41	4.43	1.16	0.25	—	0.57	6.28	6.28	-0.13
FY 1989	6.40	4.64	0.91	0.28	—	0.57	6.31	6.31	-0.09
FY 1990	6.61	4.83	0.89	0.29	—	0.59	6.33	6.33	-0.27
FY 1991	6.64	4.84	0.97	0.31	—	0.53	6.35	6.35	-0.29
FY 1992	7.14	5.17	1.04	0.32	—	0.61	7.13	7.13	-0.01
FY 1993	8.94	6.11	1.23	0.41	—	1.18	8.72	8.72	-0.22
FY 1994	9.34	6.24	1.26	0.37	—	1.48	8.68	8.68	-0.66
FY 1995	10.04	6.67	1.38	0.37	—	1.62	9.40	9.40	-0.64
FY 1996	9.88	6.86	1.17	0.45	0.02	1.39	9.38	9.38	-0.50
FY 1997	9.84	6.80	1.19	0.42	0.02	1.42	9.35	9.35	-0.51
FY 1998	10.87	7.54	1.25	0.47	0.02	1.59	10.62	9.51	-0.25
FY 1999	11.00	7.68	1.25	0.48	0.02	1.57	10.66	9.54	-0.34
FY 2000	10.51	7.42	1.21	0.48	0.02	1.37	10.71	9.59	0.20
2001	10.44	7.53	1.13	0.48	0.02	1.27	10.73	9.59	0.29
2002	10.94	8.43	1.29	0.54	0.02	0.66	10.73	9.55	-0.21
2003	10.74	8.55	1.20	0.53	0.02	0.44	10.77	9.57	0.03
2004	11.01	8.92	1.14	0.54	0.02	0.39	10.72	9.51	-0.29
2005	10.70	8.64	1.11	0.53	0.02	0.40	10.77	9.54	0.07
2006	10.91	8.80	1.12	0.56	0.03	0.41	10.80	9.58	-0.11
2007	10.89	8.75	1.09	0.56	0.03	0.46	10.84	9.60	-0.05
2008	11.01	8.93	1.00	0.56	0.03	0.49	10.88	9.61	-0.13
2009	11.41	9.56	1.07	0.56	0.04	0.19	10.80	9.45	-0.61
2010	11.06	9.33	1.04	0.49	0.03	0.17	10.89	9.57	-0.17
2011	11.18	9.37	1.06	0.50	0.03	0.22	10.90	9.57	-0.28
2012	11.14	9.32	1.05	0.50	0.03	0.24	10.92	9.58	-0.22
2013	11.12	9.35	1.00	0.47	0.02	0.28	10.93	9.60	-0.19
2014	11.13	9.44	0.94	0.46	0.02	0.26	10.96	9.61	-0.17
2015	11.91	9.92	1.16	0.55	0.02	0.26	10.93	9.55	-0.98
2016	10.95	9.29	0.98	0.44	0.02	0.22	10.96	9.58	0.01
2017	10.77	9.18	0.95	0.42	0.02	0.20	10.99	9.61	0.22
2018	11.26	9.60	1.00	0.42	0.03	0.21	11.00	9.61	-0.26

**Table34 Actual Personnel**

End of 2018

unit : person

Unit	Grand Total			Officer											
				Regular											
				Total			Technologist			Executive			Administrator		
	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
<b>Grand Total</b>	<b>5,686</b>	<b>4,055</b>	<b>1,631</b>	<b>1,656</b>	<b>1,120</b>	<b>536</b>	<b>909</b>	<b>797</b>	<b>112</b>	<b>314</b>	<b>133</b>	<b>181</b>	<b>391</b>	<b>157</b>	<b>234</b>
Head Office	436	223	213	291	170	121	135	113	22	36	12	24	119	45	74
1st Branch	315	237	78	78	48	30	38	33	5	20	9	11	18	4	14
2nd Branch	434	329	105	109	77	32	63	57	6	25	10	15	21	10	11
3rd Branch	411	299	112	98	68	30	56	49	7	17	11	6	21	5	16
4th Branch	715	502	213	160	106	54	88	81	7	43	12	31	29	13	16
5th Branch	535	376	159	111	74	37	56	50	6	27	10	17	23	10	13
6th Branch	465	339	126	133	91	42	67	58	9	32	15	17	29	14	15
7th Branch	874	661	213	201	136	65	104	86	18	48	24	24	41	20	21
8th Branch	186	144	42	49	35	14	28	26	2	10	5	5	11	4	7
9th Branch	165	128	37	40	28	12	21	19	2	9	5	4	10	4	6
10th Branch	161	120	41	41	25	16	19	15	4	9	4	5	13	6	7
11th Branch	298	208	90	70	48	22	35	33	2	15	9	6	18	5	13
12th Branch	380	270	110	99	60	39	52	44	8	23	7	16	24	9	15
Northern Region Engineering Office	96	66	30	55	45	10	49	42	7	—	—	—	5	3	2
Central Region Engineering Office	106	75	31	63	53	10	53	46	7	—	—	—	5	3	2
Southern Region Engineering Office	109	78	31	58	56	2	45	45	—	—	—	—	4	2	2

## Table34 Actual Personnel

End of 2018

unit : person

Unit	Officer						Clerk								
				Temporary			Total			Regular			Temporary		
	Security		Guard	Clerk						Clerk			Worker		
	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.
<b>Grand Total</b>	<b>20</b>	<b>18</b>	<b>2</b>	<b>22</b>	<b>15</b>	<b>7</b>	<b>4,030</b>	<b>2,935</b>	<b>1,095</b>	<b>4,011</b>	<b>2,930</b>	<b>1,081</b>	<b>19</b>	<b>5</b>	<b>14</b>
Head Office	—	—	—	1	—	1	145	53	92	145	53	92	—	—	—
1st Branch	2	2	—	—	—	—	237	189	48	237	189	48	—	—	—
2nd Branch	—	—	—	—	—	—	325	252	73	325	252	73	—	—	—
3rd Branch	3	3	—	1	—	1	313	231	82	313	231	82	—	—	—
4th Branch	—	—	—	—	—	—	555	396	159	555	396	159	—	—	—
5th Branch	4	4	—	1	—	1	424	302	122	424	302	122	—	—	—
6th Branch	4	4	—	1	—	1	332	248	84	332	248	84	—	—	—
7th Branch	7	5	2	1	1	—	673	525	148	654	520	134	19	5	14
8th Branch	—	—	—	—	—	—	137	109	28	137	109	28	—	—	—
9th Branch	—	—	—	—	—	—	125	100	25	125	100	25	—	—	—
10th Branch	—	—	—	—	—	—	120	95	25	120	95	25	—	—	—
11th Branch	—	—	—	2	1	1	228	160	68	228	160	68	—	—	—
12th Branch	—	—	—	—	—	—	281	210	71	281	210	71	—	—	—
Northern Region Engineering Office	—	—	—	1	—	1	41	21	20	41	21	20	—	—	—
Central Region Engineering Office	—	—	—	5	4	1	43	22	21	43	22	21	—	—	—
Southern Region Engineering Office	—	—	—	9	9	—	51	22	29	51	22	29	—	—	—

**Table35 The Education Level of Employee**

End of 2018

unit : person

Level Of Education	Total		Officer			Clerk		
	No. of Person	Percentage (%)	No. of Person	Percentage (%)	The Rate of Total (%)	No. of Person	Percentage (%)	The Rate of Total (%)
<b>Total</b>	<b>5,686</b>	<b>100.00</b>	<b>1,656</b>	<b>100.00</b>	<b>29.12</b>	<b>4,030</b>	<b>100.00</b>	<b>70.88</b>
Doctor	22	0.39	21	1.27	0.37	1	0.02	0.02
Master	930	16.36	680	41.06	11.96	250	6.20	4.40
Bachelor	2,476	43.55	718	43.36	12.63	1,758	43.62	30.92
College	1,086	19.10	206	12.44	3.62	880	21.84	15.48
Senior High (Vocational)	1,104	19.42	30	1.81	0.53	1,074	26.65	18.89
Junior High and Elementary	68	1.20	1	0.06	0.02	67	1.66	1.18

**Table36 The Sex & Age of Employee**

End of 2018

unit : person

Age	Total		Officer			Clerk		
	No. of Person	Percentage (%)	No. of Person	Percentage (%)	The Rate of Total (%)	No. of Person	Percentage (%)	The Rate of Total (%)
<b>Total</b>	<b>5,686</b>	<b>100.00</b>	<b>1,656</b>	<b>100.00</b>	<b>29.12</b>	<b>4,030</b>	<b>100.00</b>	<b>70.88</b>
<b>Average Age</b>	<b>45.63</b>	—	<b>45.13</b>	—	—	<b>45.83</b>	—	—
under 20 age	1	0	-	-	-	1	0	0
20~24 age	100	1.76	18	1.09	0.32	82	2.03	1.44
25~29age	497	8.74	148	8.94	2.60	349	8.66	6.14
30~34 age	695	12.22	247	14.92	4.34	448	11.12	7.88
35~39age	889	15.63	247	14.92	4.34	642	15.93	11.29
40~44 age	670	11.78	151	9.12	2.66	519	12.88	9.13
45~49age	481	8.46	173	10.45	3.04	308	7.64	5.42
50~54age	460	8.09	192	11.59	3.38	268	6.65	4.71
55~59age	714	12.56	194	11.71	3.41	520	12.90	9.15
60 age & over	1,179	20.74	286	17.27	5.03	893	22.16	15.71
<b>Male(Total)</b>	<b>4,055</b>	<b>71.32</b>	<b>1,120</b>	<b>67.63</b>	<b>19.70</b>	<b>2,935</b>	<b>72.83</b>	<b>51.62</b>
<b>Average Age</b>	<b>45.55</b>	—	<b>45.94</b>	—	—	<b>45.41</b>	—	—
under 20 age	1	0	-	-	-	1	0	0
20~24 age	72	1.27	12	0.72	0.21	60	1.49	1.06
25~29age	351	6.17	93	5.62	1.64	258	6.40	4.54
30~34 age	496	8.72	153	9.24	2.69	343	8.51	6.03
35~39age	651	11.45	159	9.60	2.80	492	12.21	8.65
40~44 age	515	9.06	112	6.76	1.97	403	10.00	7.09
45~49age	318	5.59	101	6.10	1.78	217	5.38	3.82
50~54age	318	5.59	139	8.39	2.44	179	4.44	3.15
55~59age	433	7.62	122	7.37	2.15	311	7.72	5.47
60 age & over	900	15.83	229	13.83	4.03	671	16.65	11.80
<b>Female(Total)</b>	<b>1,631</b>	<b>28.68</b>	<b>536</b>	<b>32.37</b>	<b>9.43</b>	<b>1,095</b>	<b>27.17</b>	<b>19.26</b>
<b>Average Age</b>	<b>45.83</b>	—	<b>43.49</b>	—	—	<b>46.97</b>	—	—
under 20 age	-	-	-	-	-	-	-	-
20~24 age	28	0.49	6	0.36	0.11	22	0.55	0.39
25~29age	146	2.57	55	3.32	0.97	91	2.26	1.60
30~34 age	199	3.50	94	5.68	1.65	105	2.61	1.85
35~39age	238	4.19	88	5.31	1.55	150	3.72	2.64
40~44 age	155	2.73	39	2.36	0.69	116	2.88	2.04
45~49age	163	2.87	72	4.35	1.27	91	2.26	1.60
50~54age	142	2.50	53	3.20	0.93	89	2.21	1.57
55~59age	281	4.94	72	4.35	1.27	209	5.19	3.68
60 age & over	279	4.91	57	3.44	1.00	222	5.51	3.90

## Table 37 The Served Seniority of Employee

End of 2018

unit : person

Seniority	Total		Officer			Clerk		
	No. of Person	Percentage (%)	No. of Person	Percentage (%)	The Rate of Total (%)	No. of Person	Percentage (%)	The Rate of Total (%)
<b>TOTAL</b>	<b>5,686</b>	<b>100.00</b>	<b>1,656</b>	<b>100.00</b>	<b>29.12</b>	<b>4,030</b>	<b>100.00</b>	<b>70.88</b>
<b>Average Seniority</b>	<b>16.81</b>	—	<b>15.50</b>	—	—	<b>17.35</b>	—	—
below 5 years	1,723	30.30	454	27.42	7.98	1,269	31.49	22.32
5 ~ 9 years	774	13.61	383	23.13	6.74	391	9.70	6.88
10 ~ 14 years	677	11.91	115	6.94	2.02	562	13.95	9.88
15 ~ 19 years	197	3.46	69	4.17	1.21	128	3.18	2.25
20 ~ 24 years	329	5.79	110	6.64	1.93	219	5.43	3.85
25 ~ 29 years	344	6.05	155	9.36	2.73	189	4.69	3.32
30 ~ 34 years	464	8.16	163	9.84	2.87	301	7.47	5.29
35 ~ 39 years	938	16.50	172	10.39	3.02	766	19.01	13.47
over 40 years	240	4.22	35	2.11	0.62	205	5.09	3.61

資料來源：與表34同。