

# THE STATISTICAL YEARBOOK OF TAIWAN WATER CORPORATION

2016

No. 39



Miaoli Touwu water pipe bridge

TAIWAN WATER CORPORATION

April 2017

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
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

Annual Important Performance

Item	Unit	1974	1975	1976	1977	1978	1979
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	1985
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	5,164,400
3. Average Yield Per Day	M <sup>3</sup>	2,167,588	2,376,201	2,620,487	2,879,785	2,994,419	3,228,176
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	3,223,382
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	2,481,354
6. Yield	M <sup>3</sup>	793,337,387	867,313,209	956,477,657	1,051,121,564	1,095,957,410	1,178,284,418
7. Distributed Water	M <sup>3</sup>	782,900,812	853,480,779	942,414,123	1,031,206,336	1,083,904,966	1,176,534,442
8. Water Sold	M <sup>3</sup>	583,341,611	644,563,139	718,505,308	792,986,589	844,893,420	905,694,148
9. Actual Meter-Readings	M <sup>3</sup>	538,833,841	584,738,935	644,062,391	712,132,591	756,904,884	814,598,239
10. Percentage of Water Sold	%	74.51	75.52	76.24	76.90	77.95	76.98
11. Percentage of Actual Meter Readings	%	68.83	68.51	68.34	69.06	69.83	69.24
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	15,744,145
14. Designed Population	Person	10,306,802	10,811,124	11,440,126	11,955,171	12,495,006	12,829,896
15. Actual Population	Person	8,964,510	9,565,168	10,229,216	10,711,112	11,165,311	11,526,359
16. Percentage of Designed Population Served	%	70.00	72.24	75.37	77.78	80.25	81.49
17. Percentage of Actual Population Served	%	60.88	63.92	67.39	69.69	71.71	73.21
18. Length of Distributing Pipes	KM	15,439	18,056	20,574	21,911	23,763	25,452
19. Water Consumption Charge Revenue	Thousand NT\$	2,759,421	3,044,027	4,504,856	5,145,039	5,482,239	5,880,382
20. Households Connections	Households	1,619,689	1,828,830	2,044,528	2,201,946	2,354,013	2,489,354
21. Number of Employees	Person	5,951	6,410	6,654	6,751	6,815	6,971
22. Per Capita in Livelihood Yearly Distributed Water	M <sup>3</sup>	72.256	74.866	78.319	81.481	82.515	87.759
23. Per Capita in Livelihood Daily Distributed Water	M <sup>3</sup>	0.197	0.205	0.215	0.223	0.225	0.240
24. Per Capita in Livelihood Yearly Water Consumption	M <sup>3</sup>	53.841	56.538	59.712	62.654	64.317	67.559
25. Per Capita in Livelihood Daily Water Consumption	M <sup>3</sup>	0.147	0.155	0.164	0.172	0.176	0.185
26. Per Household in Livelihood Yearly Water Charges	NT\$	1,414	1,386	1,872	1,964	1,957	2,004
27. Per Household in Livelihood Monthly Water Charges	NT\$	118	116	156	164	163	167
28. Per Capita in Livelihood Yearly Water Charges	NT\$	246	256	364	396	405	426
29. Per Capita in Livelihood Monthly Water Charges	NT\$	20	21	30	33	34	35
30. Quantity of Water Sold Per Employee	M <sup>3</sup>	98,024	100,556	107,981	117,462	123,976	129,923
31. Households Afforded Per Employee	Households	272	285	307	326	345	357
32. Rate of Revenue	%	98.75	98.76	99.22	99.24	98.72	99.03
33. Sales Per Employee	NT\$	593,728	636,981	722,644	862,739	917,548	959,166
34. Earnings Per Employee	NT\$	44,400	-16,248	6,512	78,294	54,497	59,683
35. Unit Cost of Water Sold	NT\$/M <sup>3</sup>	4.39	5.29	5.63	5.92	6.18	6.21
36. Unit Price of Water Sold	NT\$/M <sup>3</sup>	4.67	4.74	5.36	6.46	6.49	6.50
37. Unit Profit/Loss from Sales	NT\$/M <sup>3</sup>	0.28	-0.55	-0.27	0.54	0.31	0.29
38. Return on Water Investment	%	2.56	-3.97	-1.54	2.68	1.44	1.22

Annual Important Performance

Item	Unit	1980	1981	1982	1983	1984	1985
39. Return on Equity	%	4.08	-1.19	0.36	3.50	2.11	1.92
40. Fixed Assets to Total Assets Ratio	%	90.44	91.23	89.71	92.89	93.28	96.57
41. Total Liabilities to Total Assets Ratio	%	48.09	43.69	41.22	37.77	38.02	32.29
42. Long-Term Liabilities to Total Liabilities Ratio	%	82.56	77.90	84.83	81.15	87.71	85.56
43. Net Worth Ratio	%	51.91	56.31	58.78	62.23	61.98	67.71
44. Debtequity Ratio	%	92.65	77.60	70.13	60.70	61.35	47.68
45. Fixed Ratio	%	174.25	162.03	152.62	149.27	150.50	142.62
46. Total Assets	Thousand NT\$	13,214,905	17,755,860	23,156,492	26,722,119	29,814,378	35,935,219
47. Total Liabilities	Thousand NT\$	6,355,537	7,757,993	9,545,614	10,094,053	11,336,113	11,602,302
48. Owner's Equity	Thousand NT\$	6,859,368	9,997,867	13,610,878	16,628,066	18,478,265	24,332,917
49. Operating Profit	Thousand NT\$	877,872	567,815	715,010	1,326,357	1,359,826	1,356,684
50. Net Income	Thousand NT\$	252,502	-99,974	42,430	528,487	369,925	410,140
51. Interest Expense	Thousand NT\$	538,679	700,586	708,048	713,526	924,892	873,470
52. Salary and Wages	Thousand NT\$	938,883	1,250,920	1,500,566	1,668,278	1,775,617	1,858,113
53. Inventories	Thousand NT\$	504,891	802,970	781,811	723,576	478,667	411,996
54. Depreciation	Thousand NT\$	465,575	585,648	719,302	909,935	1,060,778	1,212,200
55. Added Value	Thousand NT\$	2,311,344	2,475,167	3,012,098	4,031,140	4,300,345	4,537,174

Annual Important Performance

Item	Unit	1986	1987	1988	1989	1990	1991
1.Capacity of Water Supply System	M <sup>3</sup> /Day	...	...	...	...	...	...
2.Capacity of Water-Purification-Station	M <sup>3</sup> /Day	5,374,350	5,466,645	5,620,374	5,917,309	5,996,189	6,434,490
3.Average Yield Per Day	M <sup>3</sup>	3,424,717	3,704,370	4,072,990	4,413,129	4,685,425	4,963,293
4.Average Water Distributed Per Day	M <sup>3</sup>	3,407,992	3,691,506	4,052,986	4,398,530	4,672,883	4,980,430
5.Average Water Sold Per Day	M <sup>3</sup>	2,695,029	2,917,365	3,192,009	3,429,920	3,666,423	3,897,298
6.Yield	M <sup>3</sup>	1,250,021,786	1,352,094,988	1,490,714,269	1,610,791,978	1,710,180,259	1,811,601,801
7.Distributed Water	M <sup>3</sup>	1,243,916,916	1,347,399,718	1,483,392,954	1,605,463,323	1,705,602,227	1,817,857,010
8.Water Sold	M <sup>3</sup>	983,685,515	1,064,838,159	1,168,275,356	1,251,920,914	1,338,244,514	1,422,513,799
9.Actual Meter-Readings	M <sup>3</sup>	889,288,257	969,003,431	1,069,925,699	1,144,641,106	1,219,087,155	1,306,615,916
10.Percentage of Water Sold	%	79.08	79.03	78.76	77.98	78.46	78.25
11.Percentage of Actual Meter Readings	%	71.49	71.92	72.13	71.30	71.48	71.88
12.Percentage of NRW(Non-Revenue Water)	%	...	...	...	...	...	...
Percentage of Water Losses	%	...	...	...	...	...	...
Percentage of Unbilled Authorized Consumption	%	...	...	...	...	...	...
13.Administrative Population	Person	15,849,787	15,986,732	16,151,022	16,314,502	16,520,291	16,700,088
14.Designed Population	Person	13,324,401	13,668,566	13,969,360	14,225,673	14,430,860	14,664,195
15. Actual Population	Person	11,813,056	12,130,038	12,531,973	12,878,956	13,221,879	13,494,748
16.Percentage of Designed Population Served	%	84.07	85.50	86.49	87.20	87.35	87.81
17.Percentage of Actual Population Served	%	74.53	75.88	77.59	78.94	80.03	80.81
18.Length of Distributing Pipes	KM	23,427	24,944	26,471	27,651	29,064	30,230
19.Water Consumption Charge Revenue	Thousand NT\$	6,157,516	6,658,913	7,369,445	7,920,325	8,477,462	9,982,855
20.Households Connections	Households	2,611,345	2,738,520	2,890,295	3,036,623	3,180,655	3,319,000
21.Number of Employees	Person	7,061	6,996	6,943	6,970	6,950	6,898
22.Per Capita in Livelihood Yearly Distributed Water	M <sup>3</sup>	89.965	94.531	100.112	104.942	108.920	112.583
23. Per Capita in Livelihood Daily Distributed Water	M <sup>3</sup>	0.246	0.259	0.274	0.288	0.298	0.308
24.Per Capita in Livelihood Yearly Water Consumption	M <sup>3</sup>	71.141	74.703	78.841	81.837	85.460	88.103
25.Per Capita in Livelihood Daily Water Consumption	M <sup>3</sup>	0.195	0.205	0.215	0.224	0.234	0.241
26.Per Household in Livelihood Yearly Water Charges	NT\$	1,986	2,039	2,130	2,174	2,232	2,473
27.Per Household in Livelihood Monthly Water Charges	NT\$	166	170	177	181	186	206
28.Per Capita in Livelihood Yearly Water Charges	NT\$	432	453	482	502	526	595
29.Per Capita in Livelihood Monthly Water Charges	NT\$	36	38	40	42	44	50
30.Quantity of Water Sold Per Employee	M <sup>3</sup>	139,312	152,207	168,267	179,616	192,553	206,221
31.Households Afforded Per Employee	Households	370	391	416	436	458	481
32.Rate of Revenue	%	99.72	99.75	99.69	99.38	99.61	99.45
33.Sales Per Employee	NT\$	972,966	1,038,948	1,184,253	1,293,933	1,399,798	1,523,704
34.Earnings Per Employee	NT\$	41,352	94,981	31,824	29,948	20,149	7,611
35.Unit Cost of Water Sold	NT\$/M <sup>3</sup>	6.28	5.66	6.41	6.40	6.61	6.64
36.Unit Price of Water Sold	NT\$/M <sup>3</sup>	6.40	6.21	6.28	6.31	6.33	6.35
37.Unit Profit/Loss from Sales	NT\$/M <sup>3</sup>	0.12	0.55	-0.13	-0.09	-0.27	-0.29
38.Return on Water Investment	%	0.47	2.07	-0.45	-0.33	-0.97	-1.03

Annual Important Performance

Item	Unit	1986	1987	1988	1989	1990	1991
39. Return on Equity	%	1.16	2.42	0.73	0.63	0.38	0.13
40. Fixed Assets to Total Assets Ratio	%	96.14	95.34	95.99	94.79	93.54	91.00
41. Total Liabilities to Total Assets Ratio	%	32.69	31.42	30.41	31.49	33.74	38.05
42. Long-Term Liabilities to Total Liabilities Ratio	%	88.52	87.24	85.19	85.61	86.18	88.74
43. Net Worth Ratio	%	67.31	68.58	69.59	68.51	66.26	61.95
44. Debtequity Ratio	%	48.56	45.82	43.69	45.97	50.93	61.41
45. Fixed Ratio	%	142.82	139.03	137.93	138.36	141.19	146.88
46. Total Assets	Thousand NT\$	38,681,857	42,182,065	45,630,206	50,633,055	57,649,720	67,754,849
47. Total Liabilities	Thousand NT\$	12,643,490	13,254,141	13,875,114	15,945,538	19,453,595	25,778,493
48. Owner's Equity	Thousand NT\$	26,038,367	28,927,924	31,755,092	34,687,697	38,196,125	41,976,356
49. Operating Profit	Thousand NT\$	1,135,462	1,443,671	884,956	1,004,927	952,377	910,905
50. Net Income	Thousand NT\$	291,990	666,104	221,115	208,528	139,853	52,809
51. Interest Expense	Thousand NT\$	790,511	609,586	633,054	690,581	769,899	731,396
52. Salary and Wages	Thousand NT\$	2,102,277	2,102,669	3,215,965	3,675,182	3,849,218	4,528,648
53. Inventories	Thousand NT\$	358,482	349,266	346,559	469,556	480,985	476,266
54. Depreciation	Thousand NT\$	1,339,863	1,439,242	1,577,116	1,690,896	1,756,477	1,807,842
55. Added Value	Thousand NT\$	4,677,032	5,084,374	5,793,957	6,426,980	6,667,852	7,259,555

Annual Important Performance

Item	Unit	1992	1993	1994	1995	1996	1997
1. Capacity of Water Supply System	M <sup>3</sup> /Day	...	...	...	...	...	...
2. Capacity of Water-Purification-Station	M <sup>3</sup> /Day	6,883,920	7,333,710	8,075,610	8,444,940	8,508,620	8,621,420
3. Average Yield Per Day	M <sup>3</sup>	5,720,711	5,531,859	5,680,384	5,702,687	5,789,569	6,136,010
4. Average Water Distributed Per Day	M <sup>3</sup>	5,335,519	5,634,207	5,825,677	5,860,349	5,997,577	6,284,289
5. Average Water Sold Per Day	M <sup>3</sup>	4,008,902	4,287,451	4,455,078	4,680,977	4,875,742	5,003,560
6. Yield	M <sup>3</sup>	1,929,080,407	2,019,128,425	2,073,340,309	2,081,480,615	2,118,982,235	2,239,643,755
7. Distributed Water	M <sup>3</sup>	1,952,799,874	2,056,485,560	2,126,372,015	2,139,027,452	2,195,113,081	2,293,765,435
8. Water Sold	M <sup>3</sup>	1,467,258,226	1,564,919,759	1,626,103,519	1,708,556,524	1,784,521,568	1,826,299,531
9. Actual Meter-Readings	M <sup>3</sup>	1,360,225,970	1,444,119,693	1,500,611,441	1,590,143,685	1,634,195,636	1,738,590,335
10. Percentage of Water Sold	%	75.14	76.10	76.47	79.88	81.30	79.62
11. Percentage of Actual Meter Readings	%	69.66	70.22	70.57	74.34	74.45	75.80
12. Percentage of NRW(Non-Revenue Water)	%	...	...	...	...	...	...
Percentage of Water Losses	%	...	...	...	...	...	...
Percentage of Unbilled Authorized Consumption	%	...	...	...	...	...	...
13. Administrative Population	Person	16,903,702	17,126,944	17,316,234	17,503,028	17,700,880	17,911,925
14. Designed Population	Person	14,960,742	15,182,045	15,571,357	15,785,974	16,020,333	16,278,041
15. Actual Population	Person	13,839,979	14,281,175	14,708,173	14,981,612	15,338,138	15,658,464
16. Percentage of Designed Population Served	%	88.51	88.64	89.92	90.19	90.51	90.88
17. Percentage of Actual Population Served	%	81.88	83.38	84.94	85.59	86.65	87.42
18. Length of Distributing Pipes	KM	31,786	33,886	37,745	40,870	43,146	45,500
19. Water Consumption Charge Revenue	Thousand NT\$	12,541,971	13,634,149	14,649,937	16,269,355	16,717,345	18,120,540
20. Households Connections	Households	3,475,846	3,722,008	4,059,904	4,385,224	4,631,194	4,828,910
21. Number of Employees	Person	6,818	6,719	6,687	6,599	6,616	6,518
22. Per Capita in Livelihood Yearly Distributed Water	M <sup>3</sup>	116.848	119.713	119.898	114.769	117.460	118.697
23. Per Capita in Livelihood Daily Distributed Water	M <sup>3</sup>	0.319	0.328	0.328	0.314	0.321	0.325
24. Per Capita in Livelihood Yearly Water Consumption	M <sup>3</sup>	87.795	91.093	91.693	91.671	95.486	94.501
25. Per Capita in Livelihood Daily Water Consumption	M <sup>3</sup>	0.240	0.250	0.251	0.251	0.261	0.259
26. Per Household in Livelihood Yearly Water Charges	NT\$	2,896	2,994	2,964	2,951	2,888	2,986
27. Per Household in Livelihood Monthly Water Charges	NT\$	241	249	247	246	241	249
28. Per Capita in Livelihood Yearly Water Charges	NT\$	711	755	784	827	846	898
29. Per Capita in Livelihood Monthly Water Charges	NT\$	59	63	65	69	71	75
30. Quantity of Water Sold Per Employee	M <sup>3</sup>	215,204	232,910	243,174	258,911	269,728	280,193
31. Households Afforded Per Employee	Households	510	554	607	665	700	741
32. Rate of Revenue	%	99.30	99.26	99.22	98.39	94.25	93.84
33. Sales Per Employee	NT\$	1,810,825	2,408,548	2,745,635	3,053,108	3,099,304	3,056,620
34. Earnings Per Employee	NT\$	74,919	-27,979	103,468	190,802	58,716	64,729
35. Unit Cost of Water Sold	NT\$/M <sup>3</sup>	7.14	8.94	9.34	10.04	9.88	9.33
36. Unit Price of Water Sold	NT\$/M <sup>3</sup>	7.13	8.72	8.68	9.40	9.38	8.82
37. Unit Profit/Loss from Sales	NT\$/M <sup>3</sup>	-0.01	-0.22	-0.66	-0.64	-0.50	-0.51
38. Return on Water Investment	%	-0.03	-0.71	-1.64	-1.29	-0.98	-0.94



Annual Important Performance

Item	Unit	1992	1993	1994	1995	1996	1997
39. Return on Equity	%	1.15	-0.39	1.06	1.54	0.43	0.42
40. Fixed Assets to Total Assets Ratio	%	90.26	93.73	94.77	96.14	92.17	92.01
41. Total Liabilities to Total Assets Ratio	%	39.74	41.49	49.31	50.74	52.20	47.10
42. Long-Term Liabilities to Total Liabilities Ratio	%	84.93	74.99	86.80	78.33	79.96	87.58
43. Net Worth Ratio	%	60.26	58.51	50.69	49.26	47.80	52.90
44. Debtequity Ratio	%	65.94	70.90	97.30	103.01	109.21	89.02
45. Fixed Ratio	%	149.77	160.18	186.98	195.18	192.83	173.93
46. Total Assets	Thousand NT\$	77,898,242	86,391,090	157,314,696	173,289,740	194,463,292	202,153,345
47. Total Liabilities	Thousand NT\$	30,954,629	35,840,262	77,579,254	87,930,021	101,513,023	95,207,087
48. Owner's Equity	Thousand NT\$	46,943,796	50,550,828	79,735,442	85,359,719	92,950,269	106,946,258
49. Operating Profit	Thousand NT\$	1,869,648	2,737,433	3,326,299	3,705,698	3,420,509	3,579,140
50. Net Income	Thousand NT\$	513,272	-189,193	690,440	1,268,453	384,941	424,558
51. Interest Expense	Thousand NT\$	872,496	1,790,891	2,373,182	2,699,964	2,429,761	2,634,208
52. Salary and Wages	Thousand NT\$	4,866,538	6,437,681	7,094,126	7,788,700	7,390,067	7,399,141
53. Inventories	Thousand NT\$	381,568	473,209	639,657	727,012	824,436	594,584
54. Depreciation	Thousand NT\$	2,024,809	2,272,012	2,543,874	3,053,877	3,694,476	3,541,805
55. Added Value	Thousand NT\$	8,596,198	10,543,130	13,057,544	15,284,734	14,227,714	14,491,793

Annual Important Performance

Item	Unit	1998	1999	2000	2001	2002	2003
1.Capacity of Water Supply System	M <sup>3</sup> /Day	...	...	...	...	...	...
2.Capacity of Water-Purification-Station	M <sup>3</sup> /Day	8,696,035	8,906,825	9,078,105	9,437,610	9,610,556	11,194,380
3.Average Yield Per Day	M <sup>3</sup>	6,353,095	6,675,726	7,640,258	7,879,030	7,687,052	7,843,380
4.Average Water Distributed Per Day	M <sup>3</sup>	6,515,381	6,834,062	7,774,422	8,030,865	7,890,548	8,107,746
5.Average Water Sold Per Day	M <sup>3</sup>	5,009,213	5,163,818	5,341,234	5,456,853	5,381,313	5,492,873
6.Yield	M <sup>3</sup>	2,318,879,706	2,436,639,978	2,796,334,287	2,875,845,981	2,805,774,102	2,862,833,862
7.Distributed Water	M <sup>3</sup>	2,378,114,042	2,494,432,792	2,845,438,541	2,931,265,573	2,880,050,003	2,959,327,403
8.Water Sold	M <sup>3</sup>	1,828,362,684	1,884,793,532	1,954,891,602	1,991,751,339	1,964,179,173	2,004,898,544
9.Actual Meter-Readings	M <sup>3</sup>	1,820,371,639	1,877,391,601	1,946,879,600	1,980,953,513	1,955,505,389	2,000,069,396
10.Percentage of Water Sold	%	76.88	75.56	68.70	67.95	68.20	67.75
11.Percentage of Actual Meter Readings	%	76.55	75.26	68.42	67.58	67.90	67.59
12.Percentage of NRW(Non-Revenue Water)	%	...	...	31.58	32.42	32.10	32.41
Percentage of Water Losses	%	...	...	24.58	24.60	24.57	24.58
Percentage of Unbilled Authorized Consumption	%	...	...	7.00	7.82	7.53	7.83
13.Administrative Population	Person	18,054,256	18,207,692	18,371,861	18,497,289	18,596,416	18,683,337
14.Designed Population	Person	16,483,628	16,708,482	16,948,042	17,124,002	17,254,840	17,429,615
15. Actual Population	Person	15,892,537	16,095,139	16,278,421	16,403,837	16,548,877	16,656,087
16.Percentage of Designed Population Served	%	91.30	91.77	92.25	92.58	92.79	93.29
17.Percentage of Actual Population Served	%	88.03	88.40	88.61	88.68	88.99	89.15
18.Length of Distributing Pipes	KM	48,665	50,734	52,515	54,006	54,983	56,577
19.Water Consumption Charge Revenue	Thousand NT\$	19,431,666	20,086,022	20,959,820	21,376,684	21,082,276	21,589,235
20.Households Connections	Households	5,001,453	5,161,229	5,271,646	5,349,988	5,424,515	5,522,789
21.Number of Employees	Person	6,274	6,180	6,038	6,007	5,864	5,647
22.Per Capita in Livelihood Yearly Distributed Water	M <sup>3</sup>	119.919	123.927	137.624	141.943	138.441	140.458
23. Per Capita in Livelihood Daily Distributed Water	M <sup>3</sup>	0.329	0.340	0.376	0.389	0.379	0.385
24.Per Capita in Livelihood Yearly Water Consumption	M <sup>3</sup>	92.201	93.636	94.551	96.446	94.420	95.157
25. Per Capita in Livelihood Daily Water Consumption	M <sup>3</sup>	0.253	0.257	0.258	0.264	0.259	0.261
26.Per Household in Livelihood Yearly Water Charges	NT\$	3,106	3,100	3,100	3,150	3,069	3,074
27.Per Household in Livelihood Monthly Water Charges	NT\$	259	258	258	262	256	256
28.Per Capita in Livelihood Yearly Water Charges	NT\$	954	971	985	1,010	990	1,000
29.Per Capita in Livelihood Monthly Water Charges	NT\$	79	81	82	84	83	83
30.Quantity of Water Sold Per Employee	M <sup>3</sup>	291,419	304,983	323,765	331,572	334,956	355,038
31.Households Afforded Per Employee	Households	797	835	873	891	925	978
32.Rate of Revenue	%	93.39	98.70	99.12	98.87	99.00	99.11
33.Sales Per Employee	NT\$	3,374,732	3,642,731	5,710,536	3,827,922	3,853,576	4,125,015
34.Earnings Per Employee	NT\$	50,162	94,609	15,059	65,326	15,894	19,334
35.Unit Cost of Water Sold	NT\$/M <sup>3</sup>	10.87	11.00	10.51	10.44	10.94	10.74
36.Unit Price of Water Sold	NT\$/M <sup>3</sup>	10.62	10.66	10.71	10.73	10.73	10.77
37.Unit Profit/Loss from Sales	NT\$/M <sup>3</sup>	-0.25	-0.34	0.20	0.29	-0.21	0.03
38.Return on Water Investment	%	-0.42	-0.55	0.49	0.45	-0.30	0.03

Annual Important Performance

Item	Unit	1998	1999	2000	2001	2002	2003
39. Return on Equity	%	0.30	0.52	0.07	0.30	0.07	0.08
40. Fixed Assets to Total Assets Ratio	%	91.17	91.34	92.34	92.95	92.84	93.06
41. Total Liabilities to Total Assets Ratio	%	47.23	45.20	44.32	43.89	43.47	42.46
42. Long-Term Liabilities to Total Liabilities Ratio	%	87.95	86.20	87.57	87.24	88.08	84.24
43. Net Worth Ratio	%	52.77	54.80	55.68	56.11	56.53	57.54
44. Debtequity Ratio	%	89.49	82.49	79.58	78.21	76.90	73.80
45. Fixed Ratio	%	172.77	166.68	165.83	165.64	164.24	161.73
46. Total Assets	Thousand NT\$	210,187,549	218,237,617	223,649,712	240,789,718	245,651,532	248,270,098
47. Total Liabilities	Thousand NT\$	99,266,777	98,645,662	99,111,939	105,675,976	106,787,375	105,422,336
48. Owner's Equity	Thousand NT\$	110,920,772	119,591,955	124,537,773	135,113,742	138,864,157	142,847,762
49. Operating Profit	Thousand NT\$	3,828,549	3,737,709	5,575,935	3,570,984	1,291,103	1,498,117
50. Net Income	Thousand NT\$	324,797	596,129	90,925	392,415	93,202	109,179
51. Interest Expense	Thousand NT\$	2,839,253	2,930,120	4,010,071	2,536,476	1,287,872	882,147
52. Salary and Wages	Thousand NT\$	7,030,845	7,539,501	11,237,686	7,644,706	7,550,833	7,389,708
53. Inventories	Thousand NT\$	529,234	546,358	426,457	352,394	283,332	316,362
54. Depreciation	Thousand NT\$	4,816,635	5,227,131	8,334,979	5,876,335	6,149,455	6,821,580
55. Added Value	Thousand NT\$	15,433,093	16,783,344	24,301,164	16,996,255	15,533,158	15,711,040

Annual Important Performance

Item	Unit	2004	2005	2006	2007	2008	2009
1.Capacity of Water Supply System	M <sup>3</sup> /Day	10,555,630	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	12,214,740	12,200,828	12,468,638	12,212,868	12,336,018	12,688,418
3.Average Yield Per Day	M <sup>3</sup>	7,866,122	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>	8,145,280	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>	5,619,154	5,737,753	5,918,606	6,013,472	6,019,787	5,782,762
6.Yield	M <sup>3</sup>	2,879,000,733	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>	2,981,172,447	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>	2,056,610,319	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>	2,054,880,445	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	%	68.99	68.73	69.34	69.69	71.04	69.61
11.Percentage of Actual Meter Readings	%	68.93	68.70	69.32	69.67	71.00	69.56
12.Percentage of NRW(Non-Revenue Water)	%	31.07	31.30	30.68	30.31	28.96	30.39
Percentage of Water Losses	%	23.78	23.66	23.45	23.11	21.95	21.45
Percentage of Unbilled Authorized Consumption	%	7.29	7.64	7.23	7.20	7.01	8.94
13.Administrative Population	Person	18,761,732	18,836,882	18,917,224	18,994,905	19,073,097	19,155,092
14.Designed Population	Person	17,512,900	17,584,260	17,706,560	17,787,110	17,864,390	17,988,010
15. Actual Population	Person	16,812,491	16,953,918	17,082,199	17,191,993	17,300,119	17,377,812
16.Percentage of Designed Population Served	%	93.34	93.35	93.60	93.64	93.66	93.91
17.Percentage of Actual Population Served	%	89.61	90.00	90.30	90.51	90.70	90.72
18.Length of Distributing Pipes	KM	57,033	55,761	55,286	55,357	55,789	56,257
19.Water Consumption Charge Revenue	Thousand NT\$	22,039,862	22,557,575	23,335,518	23,791,970	23,967,379	22,800,208
20.Households Connections	Households	5,632,866	5,752,444	5,884,870	6,014,175	6,119,270	6,201,705
21.Number of Employees	Person	5,443	5,450	5,397	5,446	5,529	5,465
22.Per Capita in Livelihood Yearly Distributed Water	M <sup>3</sup>	137.851	139.012	139.693	138.967	134.407	135.079
23. Per Capita in Livelihood Daily Distributed Water	M <sup>3</sup>	0.377	0.381	0.383	0.381	0.367	0.370
24.Per Capita in Livelihood Yearly Water Consumption	M <sup>3</sup>	95.104	95.535	96.864	96.837	95.486	94.023
25.Per Capita in Livelihood Daily Water Consumption	M <sup>3</sup>	0.260	0.262	0.265	0.265	0.261	0.258
26.Per Household in Livelihood Yearly Water Charges	NT\$	3,025	3,018	3,025	2,986	2,920	2,829
27.Per Household in Livelihood Monthly Water Charges	NT\$	252	252	252	249	243	236
28.Per Capita in Livelihood Yearly Water Charges	NT\$	995	1,005	1,021	1,024	1,015	993
29.Per Capita in Livelihood Monthly Water Charges	NT\$	83	84	85	85	85	83
30.Quantity of Water Sold Per Employee	M <sup>3</sup>	377,845	384,272	400,276	403,033	398,488	386,223
31.Households Afforded Per Employee	Households	1,035	1,055	1,090	1,104	1,107	1,135
32.Rate of Revenue	%	99.30	99.31	99.17	99.30	99.39	99.41
33.Sales Per Employee	NT\$	4,415,259	4,565,996	4,789,112	4,841,393	4,734,485	4,510,494
34.Earnings Per Employee	NT\$	1,780	81,815	54,816	41,062	16,010	-213,536
35.Unit Cost of Water Sold	NT\$/M <sup>3</sup>	11.01	10.70	10.91	10.89	11.01	11.41
36.Unit Price of Water Sold	NT\$/M <sup>3</sup>	10.72	10.77	10.80	10.84	10.88	10.80
37.Unit Profit/Loss from Sales	NT\$/M <sup>3</sup>	-0.29	0.07	-0.11	-0.05	-0.13	-0.61
38.Return on Water Investment	%	-0.42	0.10	-0.16	-0.07	-0.19	-0.80

Annual Important Performance

Item	Unit	2004	2005	2006	2007	2008	2009
39. Return on Equity	%	0.01	0.31	0.20	0.15	0.06	-0.72
40. Fixed Assets to Total Assets Ratio	%	93.22	93.54	93.76	94.24	94.06	94.33
41. Total Liabilities to Total Assets Ratio	%	41.47	40.41	40.08	39.73	39.37	33.73
42. Long-Term Liabilities to Total Liabilities Ratio	%	83.73	83.84	78.93	77.25	77.49	67.10
43. Net Worth Ratio	%	58.53	59.59	59.92	60.27	60.63	66.27
44. Debtequity Ratio	%	70.86	67.81	66.88	65.93	64.94	50.90
45. Fixed Ratio	%	159.28	156.97	156.48	156.37	155.14	142.34
46. Total Assets	Thousand NT\$	247,605,297	246,338,109	248,888,239	248,395,741	250,174,615	257,624,576
47. Total Liabilities	Thousand NT\$	102,691,464	99,546,314	99,747,698	98,698,793	98,499,077	86,895,255
48. Owner's Equity	Thousand NT\$	144,913,833	146,791,795	149,140,541	149,696,949	151,675,538	170,729,321
49. Operating Profit	Thousand NT\$	791,368	1,572,688	1,431,313	1,657,069	1,457,019	-221,164
50. Net Income	Thousand NT\$	9,688	445,889	295,843	223,623	88,520	-1,166,972
51. Interest Expense	Thousand NT\$	797,970	831,118	884,968	1,002,522	1,070,155	401,352
52. Salary and Wages	Thousand NT\$	7,166,137	7,558,836	7,733,387	7,723,325	7,304,694	7,110,728
53. Inventories	Thousand NT\$	272,915	288,763	311,622	320,157	406,220	417,463
54. Depreciation	Thousand NT\$	7,040,876	6,993,493	7,083,991	7,172,684	7,120,625	7,198,256
55. Added Value	Thousand NT\$	15,419,991	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
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

Annual Important Performance

Item	Unit	2010	2011	2012	2013	2014
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
1. Capacity of Water Supply System	M <sup>3</sup> /Day	11,410,963	11,419,323
2. Capacity of Water-Purification-Station	M <sup>3</sup> /Day	13,414,732	13,779,752
3. Average Yield Per Day	M <sup>3</sup>	8,157,880	8,328,504
4. Average Water Distributed Per Day	M <sup>3</sup>	8,544,961	8,627,029
5. Average Water Sold Per Day	M <sup>3</sup>	6,431,885	6,534,189
6. Yield	M <sup>3</sup>	2,977,626,123	3,048,232,453
7. Distributed Water	M <sup>3</sup>	3,118,910,636	3,157,492,464
8. Water Sold	M <sup>3</sup>	2,347,637,933	2,391,513,349
9. Actual Meter-Readings	M <sup>3</sup>	2,347,259,415	2,391,201,401
10. Percentage of Water Sold	%	75.27	75.74
11. Percentage of Actual Meter Readings	%	75.26	75.73
12. Percentage of NRW(Non-Revenue Water)	%	24.73	24.26
Percentage of Water Losses	%	16.63	16.16
Percentage of Unbilled Authorized Consumption	%	8.10	8.10
13. Administrative Population	Person	19,392,317	19,444,559
14. Designed Population	Person	18,734,288	18,900,053
15. Actual Population	Person	17,876,689	17,987,131
16. Percentage of Designed Population Served	%	96.61	97.20
17. Percentage of Actual Population Served	%	92.18	92.50
18. Length of Distributing Pipes	KM	59,972	60,539
19. Water Consumption Charge Revenue	Thousand NT\$	25,651,249	26,206,184
20. Households Connections	Households	6,761,673	6,875,844
21. Number of Employees	Person	5,514	5,495
22. Per Capita in Livelihood Yearly Distributed Water	M <sup>3</sup>	127.414	128.206
23. Per Capita in Livelihood Daily Distributed Water	M <sup>3</sup>	0.349	0.350
24. Per Capita in Livelihood Yearly Water Consumption	M <sup>3</sup>	95.911	97.110
25. Per Capita in Livelihood Daily Water Consumption	M <sup>3</sup>	0.263	0.265
26. Per Household in Livelihood Yearly Water Charges	NT\$	2,752	2,768
27. Per Household in Livelihood Monthly Water Charges	NT\$	229	231
28. Per Capita in Livelihood Yearly Water Charges	NT\$	1,021	1,037
29. Per Capita in Livelihood Monthly Water Charges	NT\$	85	86
30. Quantity of Water Sold Per Employee	M <sup>3</sup>	425,760	435,216
31. Households Afforded Per Employee	Households	1,226	1,251
32. Rate of Revenue	%	99.50	99.43
33. Sales Per Employee	NT\$	5,141,202	5,253,488
34. Earnings Per Employee	NT\$	-327,586	236,056
35. Unit Cost of Water Sold	NT\$/M <sup>3</sup>	11.91	10.95
36. Unit Price of Water Sold	NT\$/M <sup>3</sup>	10.93	10.96
37. Unit Profit/Loss from Sales	NT\$/M <sup>3</sup>	-0.98	0.01
38. Return on Water Investment	%	-1.29	0.01



## Annual Important Performance

Item	Unit	2015	2016
39. Return on Equity	%	-1.01	0.72
40. Fixed Assets to Total Assets Ratio	%	97.47	97.50
41. Total Liabilities to Total Assets Ratio	%	38.33	38.50
42. Long-Term Liabilities to Total Liabilities Ratio	%	37.94	35.95
43. Net Worth Ratio	%	61.67	61.50
44. Debtequity Ratio	%	62.16	62.61
45. Fixed Ratio	%	158.05	158.55
46. Total Assets	Thousand NT\$	289,560,608	296,712,164
47. Total Liabilities	Thousand NT\$	110,991,685	114,246,141
48. Owner's Equity	Thousand NT\$	178,568,923	182,466,023
49. Operating Profit	Thousand NT\$	-704,229	1,610,808
50. Net Income	Thousand NT\$	-1,806,310	1,297,129
51. Interest Expense	Thousand NT\$	607,607	536,022
52. Salary and Wages	Thousand NT\$	8,047,746	6,531,601
53. Inventories	Thousand NT\$	470,214	487,192
54. Depreciation	Thousand NT\$	7,910,268	7,996,777
55. Added Value	Thousand NT\$	14,807,034	16,579,831

表 1 現有水源與供水區域

民國105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				11,419,323	18,900,053		
第一區管理處				512,400	854,007		
0101基隆 供水系統	萬里湧泉、 二坪湧泉。	雙溪、基隆河、 蛇形溪、康諾坑溪、東 勢溪、瑪鍊溪、 瑪陵坑溪。	西勢水庫、 新山水庫。	458,000	612,280	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 瑞芳營運所 汐止營運所
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	30,037	文山營運所	萬里區：全區(溪底、雙興兩里尚未供水)。 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、東勢等三里尚未供水)。 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	184,906	淡水營運所	萬里區：全區(溪底、雙興兩里尚未供水)。 新北市： 淡水區全區，(忠寮、蕃薯等2里已開放供水申請)。 三芝區全區，(八賢、橫山、福德、圓山等四里尚未供水)。 石門區全區，(茂林里尚未供水)。
0106金山 供水系統		頂中股圳、三重橋。		8,000	21,760	萬里金山營 運所	萬里區：全區(溪底、雙興兩里尚未供水)。 新北市： 金山區全區
0112烏來 供水系統		桶後溪。		400	1,286	文山營運所	萬里區：全區(溪底、雙興兩里尚未供水)。 新北市：烏來區烏來、忠治2里
0113雙溪 供水系統		平林溪。		1,600	3,738	貢寮雙溪營 運所	萬里區：全區(溪底、雙興兩里尚未供水)。 新北市： 雙溪區雙溪、漁行、平林、新基、共和、牡丹等六里。
第二區管理處				1,461,300	2,214,330		
0201石門區 供水系統		清水坑(山澗水)、 龍眼溪(山澗水)。	石門水庫。	1,460,000	2,210,301	林口服務所	(林口區)已全部供水、惟太平里少部分用戶供水，大多使用簡易自來水。 (五股區)福德里登林路部分地區。 (蘆竹區)八德一路(6戶)。
						桃園服務所	(桃園區)：全區。 (八德區)全區，其中大仁、大安2里部分由板新區系統供水。 (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、大坑里、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。 (泰山區)南林路(179戶)

表 1 現有水源與供水區域

民國105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			
					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。 (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。 (八德區)宵裡里新生路坎頂路、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。 (桃園區)龍山里龍山街龍門街。 (大園區)五權里、橫峰里高鐵重劃區內。 (觀音區)崙坪、上大、富源里，偏遠地區部份用戶尚未供水。 (楊梅區)新榮里、雙榮里。
					楊梅服務所	(楊梅區)：41里全市，除大平、上湖、三湖、高榮、富崗等里少部份未供水(因管線未到達)。 (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) (新屋區)全區。
					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。 (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。
					大溪服務所	(龍潭區)全區，除三水村部份用戶尚未供水(因管線未到達)。 (大溪區)全區，除新峰、瑞興少部分尚未供水。 (平鎮區)東勢里中興路九龍段有99戶約359人。
0206復興 供水系統		觀音洞(山澗水)、詩朗溪。	1,300	4,029	大溪服務所	桃園市： (復興區)目前只供應三民、澤仁等2村，另華陵村使用簡易自來水(尚有7村未供水)。
第三區管理處			1,111,750	1,487,555		
0301新竹 供水系統		頭前溪。 頭前溪(隆恩堰)。	739,000	770,600	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)。
					竹北營運所	新竹縣：竹北市
					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部分村莊地區偏遠尚未供水。
0302竹東 供水系統		竹東圳。	30,000	89,100	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。
0303尖石 供水系統		地面水 (山澗水流入油羅溪)	570	2,670	竹東營運所	尖石鄉嘉樂、新樂、水田、義興。
0304梅花 供水系統		地面水 (山澗水流入油羅溪)	200	1,070	竹東營運所	尖石鄉錦屏、梅花。
0305北埔 供水系統		地面水(大坪溪)	8,000	14,000	竹東營運所	北埔鄉全鄉，惟外坪村等偏遠地區尚未供水。 峨嵋鄉全鄉，湖光村及七星村等偏遠地區尚未供水。
0308五峰 供水系統		地面水 (白蘭溪)	980	4,920	竹東營運所	五峰鄉桃山、清泉、大隘。 竹東鎮上坪、瑞峰。

表 1 現有水源與供水區域

民國105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			
0309內灣 供水系統		油羅溪。		900	4,390	竹東營運所 橫山鄉內灣村、豐田村(九芎坪、油羅)、力行村。
0311新埔 供水系統	新埔場2口深井。	鳳山溪。		8,200	30,700	竹北營運所 新埔鎮全鎮，惟巨埔里、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)。
0313苗栗 供水系統	苗三淺井、 苗四淺井、 公館場深井。		明德水庫。	49,000	176,000	苗栗營運所 苗栗市全市。 頭屋鄉全鄉，惟山區鳴鳳村、飛鳳村等少部分尚未供水。 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)。 公館鄉剝北河、南河、開礦、福德等村未供水，福基村(鄉公所簡水)大坑村1-6鄰部 分。 頭份鎮濫坑(邊緣約10戶，餘竹南頭份系統供水)。
0314大湖 供水系統	寬口井5口。			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，崎頂工業區、竹南科學園區及與新竹市隔鄰公義里，西濱公路沿線 尚有少許未供水。 頭份鎮全鎮，頭份工業區，鎮內少許山區尚未供水。 造橋鄉全鄉，少許山區尚未供水。 後龍鎮中山國宅、海寶里、灣寶里，至大山交流道。
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。			10,400	119,400	通霄銅鑼 營運所 銅鑼鄉全鄉、私有工業區中興工業區，竹科4期銅鑼基地、銅鑼工業區全部供水。 三義鄉除鯉魚潭村計18戶由四區處管轄及龍騰村簡水外，餘全部供水。 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、南港大部份供水。 苑裡鎮蕉埔、山柑等大部份尚未供水、房裡、舊社、山腳、福田等少許鄰尚未供水。 通霄鎮福龍尚未供水，福源大部份尚未供水，城南、福興、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		南江河。		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(竹林橋)。		3,900	20,780	竹北營運所 芎林鄉全鄉，惟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				1,885,044	3,255,603	
0401臺中區 供水系統	港尾1號井、港尾3號 井、港尾8號井、八張犁 2號井、八張犁3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、管線隊復建 5號深井、	大甲溪(石岡壩)、 后里圳。	鯉魚潭水 庫。	1,498,748	2,373,847	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105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>公益9號井、東峰14號井、東峰15號井、樂成1號井、樂成2號井、大墩路停96、美術1號井、美術2號井、長春公園井、三信1號井、三信2號井、寧夏漢口井、大里2號井、青海1號井、福星2號井、福星3號井、田心公園深井、</p> <p>英才1號井、英才2號井、工業區6號井、工業區10號井、員訓所井、中山公園井、南和1號井、南和2號井、工學北路3號井、823公園復建1號井、823公園復建2號井、南苑公園復建4號井、公正路復建6號井、東光園道復建7號井、東光園道復建9號井、東光園道復建11號井、大里運動井、大里日新井、太平福平公園井、太平萬福公園井</p> <p>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、神岡2、5號深井、忠義1號深井、上楓3號深井、許厝1號深井、烏日123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號等二口深井、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號井、沙鹿3號更新井、</p> <p>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。</p>					

表 1 現有水源與供水區域

民國105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			
0405新社 供水系統	馬力埔淺井、苗圃深井、新二村深井。			11,000	25,500	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	1,200	東勢營運所 (和平區)谷關
0413霧峰 供水系統	舊正1號井、舊正2號井、 坑口1.3.5.6.7號等五口井、 霧峰1.2號等2口井。			17,300	63,700	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	慶東2.3.4.5.6號井、 東勢淨水場1.2號井。			30,000	65,000	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	卓蘭1.2.3.4.5、 內灣1.2號井。			7,500	18,000	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(上圍屯)、明正。
0417梨山 供水系統	合歡溪。			1,600	3,200	東勢營運所 (和平區)梨山、松茂。
0418埔里 供水系統	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、 1~5號等五口深井、 藍城1號及2號井。			27,000	96,000	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。			432	1,100	埔里營運所 (埔里鎮)合成里。
0420霧社 供水系統	濁水溪、 山澗水。			950	2,700	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、 十一股溪、 木屐蘭溪。			5,500	12,800	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				417	1,200	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	38,104	沙鹿營運所 (大肚區)全區,但蔗廓、瑞井、自強由台中區系統供水。

表 1 現有水源與供水區域

民國105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			
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、 炭腳場深井、 炭寮場深井。	平林溪。		64,000	135,000	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、白鶯厝、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、炭仔頂、馬鞍崙、哮貓、福盛頂城、粗坑、槓子灣、風櫃嶺、鄉觀察、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、大竹園、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	141,250	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	2,600	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	77,702	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
0437外埔 供水系統	外埔1號井、7號井及9號井3口井。			1,400	21,000	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	142,000	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)竹園、花盆、新城、大丘園、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)下茄苳、嘉興村。
0444坪頂 供水系統		小乾坑溪。		180	500	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	18,000	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

表 1 現有水源與供水區域

民國105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			
0450國姓 供水系統	北港溪。			4,500	12,000	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 0501嘉義 供水系統	大林第一等5口井、 新港等5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。	850,310 405,000	1,479,770 704,750	嘉義服務所 嘉義市、水上鄉、太保市、中埔鄉和睦、和興、和美三村、後壁鄉與白河鄉  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鄰  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。 新港營運所 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。
0505吳鳳 供水系統		曾文溪。		300	1,200	竹崎營運所 阿里山鄉達邦村
0509大埔 供水系統	3寬口井。	龍蛟溪。		800	2,700	竹崎營運所 大埔鄉大埔、茄苳、和平等3村
0519雲林 供水系統	崁腳等6口井、 南昌等3口井、 古坑等7口井、 永光等4口井、 石榴等7口井、 觸口等6口井、 埤仔頭等21口井、 大北勢4口井、 馬光等3口井、 褒忠等10口井、 虎尾站9口井、 平和站6口井、 斗南等3口井、 大埤等3口井、 阿丹等16口井、 西螺等9口井、 荊桐等4口井、 崙背等2口井、 番社等4口井、 北港等8口井、 元長等9口井、 水林等7口井、 拔拉腳等4口井、	三疊溪上游支流、 集集攔河堰。		442,010	762,070	古坑營運所 梅山鄉梅東、梅南、梅北、過山、永興、大南、雙溪等7村。 古坑鄉崁腳、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,但崁腳、麻園等2村由梅山系統供水;棋盤村由林內系統供水;華山、華南、桂林、樟湖、草嶺等5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。  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。  斗南營運所 斗南鎮與大埤鄉  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。



表 1 現有水源與供水區域

民國105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			
	參寮等8口井、 參寮等3口井、 新興等3口井、 四湖等5口井、 三條崙等6口井。					西螺服務所 西螺鎮全鎮(除了吳厝、九隆、下湳由崙背系統供應) 荊桐鄉全鄉(除了五華、六合兩村由林內營運所供應) 二崙鄉全鄉(由林內營運所供應) 崙背鄉全鄉 西螺鎮吳厝、九隆、下湳等3里 土庫鎮新庄里 二崙鄉全鄉 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 台西營運所 參寮鄉全鄉 台西鄉全鄉，但溪頂、泉州、牛厝等3村由四湖系統供水；五柳 村、富崎村青埔、和豐村火燒牛稠等3村由林內系統供水。 四湖鄉全鄉，但溪底村由林內系統供水。 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
0544阿里山 供水系統		楠仔仙溪。	1,200	4,800	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。	1,000	4,250	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 0601臺南區 供水系統		曾文溪。	1,214,677 1,207,321	1,883,000 1,862,000	台南服務所 新市服務所 歸仁服務所 佳里服務所 麻豆服務所 永康服務所 白河營運所 玉井營運所 新營營運所 台南給水廠 烏山頭給水廠 南化給水廠	台南市東區、北區、南區、中西區、安平區、安南區等區。 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。 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。) 台南市佳里區、西港區、七股區、將軍區、北門區、學甲區等區。 台南市麻豆區、官田區、六甲區(中坑除外)、下營區等區。 台南市永康區。 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。 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。 台南市新營區、鹽水區、柳營區等區。 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 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。 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。	7,356	21,000	玉井營運所	台南市玉井區、楠西區(頂湖、山頂、梅嶺除外)等區。

表 1 現有水源與供水區域

民國105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			
第七區管理處				2,063,920	3,386,120	
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。	澄清湖水 庫、 鳳山水庫、 阿公店水 庫。	1,750,000	2,580,000	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、鳥松區 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	77,400	旗山營運所 旗山區：旗山、六張犁、圓潭、大林、尾庄、旗尾、溪州、磚磘坑、圭祐腳。 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	850	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	35,000	美濃營運所 高雄市：美濃區、但吉祥(一部分)、吉東(一部分)、獅子里尚未供水。
0707廣興 供水系統	廣興1號井。			1,500	2,300	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。		1,500	6,500	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。
0709六龜 供水系統		荖濃溪。		3,000	8,500	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、草寮
0710新威 供水系統		荖濃溪。		1,400	3,500	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	1,800	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	1,200	恆春營運所 屏東縣：牡丹鄉東源村、旭海村、牡丹村。
0713屏東 供水系統	屏東等21口井、 大慶深井、 屏東加工區深井。			87,000	214,000	屏東營運所 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	4,040	東港營運所 屏東縣：(新埤鄉)餉潭、(來義鄉)望嘉、文樂

表 1 現有水源與供水區域

民國105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			
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	28,400	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	500	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	14,900	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	5,800	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	3,200	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	3,400	東港營運所 (潮州鎮)四春里
0728信國 供水系統	信國深井。			400	600	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	70,000	澎湖營運所 澎湖縣： 馬公市：馬公、前寮、石泉、寮山、菜園、東衛、宅腳嶼、 澎南地區。 湖西鄉：全鄉
0731崙東 供水系統	潮新8號井。			800	3,500	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。
0732枋寮 供水系統	太源4號井。			6,300	12,000	東港營運所 屏東縣： 枋寮鄉：枋寮、隆山、安樂、中寮、保生、天時、地利、人和、 東海、大庄、太源村、內寮。 枋山鄉：加祿村。 獅子鄉：南世村、內獅。
0734寶隆 供水系統		旗山溪。		540	2,740	旗山營運所 高雄市： (甲仙區)頂埔、下埔(又名鮑仔園)。 (杉林區)八張犁、十張犁、溪埔。
0736瑪家 供水系統		隘寮溪支流。		120	460	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	1,700	高雄市： (那瑪夏區)達卡努瓦村。

表 1 現有水源與供水區域

民國105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			
0739寶來 供水系統		寶來溪。		1,400	4,200	美濃營運所 高雄市： (六龜區)寶來、建山、樣子腳、上、下荖濃、新開、新發、獅頭頭。
0740佳興 供水系統		泰武溪。		80	420	東港營運所 屏東縣： (泰武鄉)佳興
0741萬安 供水系統		東港溪。		500	1,190	東港營運所 (泰武鄉)萬安、安平、達里
0743武潭 供水系統	佳平深井、 武潭深井。			2,350	2,500	東港營運所 (泰武鄉)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	6,000	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	20,600	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霧臺 供水系統		隘寮南溪。		350	1,340	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。	士文溪。	牡丹水庫。	100,000	242,000	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) 全鄉鎮 (春日鄉)(枋寮鄉)(林邊鄉)部分地區 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	640	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	8,200	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	3,700	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	9,040	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	4,000	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	211,900	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)

表 1 現有水源與供水區域

民國105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			
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、羅東溪羅東溪攔河堰伏流水。		218,160	228,000	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	5,870	南區服務所 蘇澳鎮：南強里、朝陽里 南澳鄉：南澳、碧侯、武塔、金岳等四村
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	1,350	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	330,800	
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、新興一、二號井、新興三號井、豐川三號井、荖溪一、二號淺井(伏流水)、豐裡等二口深井。	美崙溪水系婆婆礁溪南、北溪、立霧山澗水、荖溪。		162,320	200,700	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。 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。
0908和平供水系統	和平深井。	和平溪山澗水(枯竭、停用)、和平隧道滲流水(枯竭、停用)。		3,570	1,600	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	1,200	吉安壽豐服務所 (壽豐鄉)水璉村

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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			
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、 花蓮溪水系清水溪、 西林山地保留地山溝 水。		16,210	35,600	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	3,000	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、 虎頭山山澗水、 瑞西村一鄰水源涵養保 安林山澗水。		7,200	15,500	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
0924富源 供水系統	富源深井。	馬蘭溝溪、光復溪。		3,500	8,900	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		秀姑巒溪山澗水。		1,600	800	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。	山澗水。		20,400	50,300	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)崙山、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	7,500	玉里營運所 (富里鄉)富里、明里、學田、竹田、新興、石牌、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	3,900	吉安壽豐服 (壽豐鄉)池南村。 務所 (秀林鄉)銅門、榕樹、文蘭等三村。
0934松浦 供水系統	松浦淺井。			700	1,800	玉里營運所 (玉里鎮)松浦里
第十區管理處				121,730	220,080	

表 1 現有水源與供水區域

民國105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			
1001 臺東 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、南 王深井、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	126,200	台東營運所 (台東市)全市。 (卑南鄉)十股、下賓朗、上賓朗、阿里擺、太平村、泰安村、利嘉村、營區邊、大 巴六九、東興、比利良、永普、建和里、原藤、建農里、建奧里、知本農場、煙 寮、知本里、崎仔頭、鎮樂、溫泉。 (太麻里鄉)華源、新吉村、魚場、荊桐、杉源、南郡界。 (東河鄉)北郡界、新蘭、魚橋。
1002 初鹿 供水系統	初鹿3.4號深井、 斑鳩深井。	無名溪。		2,300	4,030	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、 瑞豐第二深井、 瑞源深井。	山澗水(流入鹿寮溪)、 瓦崗溪。		5,440	14,400	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	13,400	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	12,550	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	5,500	太麻里營運 (大武鄉)大武、加羅板、大鳥、尚武、古庄、太湖、西勢湖。 所
1025 金崙 供水系統	壠坵補充水源井。	山澗水 (流入金崙溪)。		1,480	1,960	太麻里營運 (太麻里鄉)金崙、溫泉。 所 (金峰鄉)賓茂、壠坵、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	6,590	太麻里營運 (太麻里鄉)太麻里、新香蘭、舊香蘭、北里、德其里、 所 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	970	太麻里營運 (太麻里鄉)下大溪 所
1029 泰源 供水系統		馬武窟溪。		780	1,560	成功營運所 (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)。

表 1 現有水源與供水區域

民國105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			
1031森永 供水系統	森永深井。			400	600	太麻里營運所 (達仁鄉)森永。
1032安朔 供水系統	安朔深井。			1,000	1,900	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、 漁橋溪。		18,200	20,840	成功營運所 (成功鎮)隧道、小馬、都歷、豐泉、叭噶噶、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、臆愛、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。
1037新化 供水系統		山澗水 (流入大烏溪)。		100	500	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)。		100	500	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。		酬勸水庫。	2,900	3,380	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	綠島深井。	東清溪、紅頭溪、 朗島溪。		1,360	3,300	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	1,300	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	600	池上營運所 (海端鄉)利稻
第十一區管理處				515,300	1,248,800	
1101彰化 供水系統	三場等十四口井、 全興場等六口井、 和美場等三口井。			88,600	336,350	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	花壇場等七口井、 大村一場一口井、 大村二場五口井、 大村場二口井。			28,000	85,500	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。
1103北斗 供水系統	北斗場等三口井、 埤頭場等二口井、 永靖場等五口井、 埔心場等四口井、 下壩場等五口井。			95,100	191,950	北斗營運所 (北斗鎮)、(永靖鄉)等全鄉鎮。 (溪州鄉)除崇光、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、中羅村由花壇系統供水。 (溪湖鎮)竹園、滿底、頂庄、媽厝等小部分地區。



表 1 現有水源與供水區域

民國105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			
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	118,500	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	鹿港場等十一口井、 秀厝場等十二口井、 打鐵厝場等五口井。			70,800	131,100	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、參厝、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	130,000	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，四 口寬口井、 田中場等十一口井、 清水岩等四口井。			66,900	114,800	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。
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	140,600	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。
第十二區管理處				1,102,200	2,087,598	

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
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

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
2011	2,992,937,146	255,769,783	227,785,559	248,436,477	239,032,354	246,665,468	246,853,331
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
1st Branch	125,920,745	10,535,361	10,813,581	11,031,781	10,675,173	10,937,776	10,724,726
2nd Branch	384,398,225	32,074,847	28,503,775	31,133,779	29,326,192	28,705,442	28,715,513
3rd Branch	254,630,330	22,097,696	20,256,532	20,941,623	19,960,654	20,556,083	20,207,354
4th Branch	607,175,875	50,528,078	48,879,277	51,636,973	49,496,202	49,629,551	48,424,956
5th Branch	213,582,892	17,526,195	17,504,177	17,521,019	17,508,540	18,419,874	17,868,329
6th Branch	328,945,339	27,012,302	24,785,262	27,748,198	27,791,507	28,605,258	26,836,636
7th Branch	631,764,873	53,273,313	50,343,144	53,204,358	52,056,629	54,584,790	52,878,316
8th Branch	65,273,801	5,392,247	4,929,824	5,333,313	5,237,151	5,451,117	5,409,511
9th Branch	42,063,571	3,431,200	3,440,110	3,319,220	3,331,550	3,270,687	3,484,744
10th Branch	27,880,045	2,225,397	2,231,837	2,212,969	2,220,194	2,291,766	2,295,662
11th Branch	103,621,032	8,721,219	8,202,254	8,500,711	8,197,388	8,221,920	8,396,116
12th Branch	262,975,725	20,190,300	20,391,855	20,337,449	20,911,051	22,369,877	21,055,944

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

Table 2 Quantity of Water Yield

(1) by Month

— real number —

unit:M<sup>3</sup>

Period & Branch	July	Aug.	Sep.	Oct.	Nov.	Dec.
2011	259,608,700	260,432,386	249,971,596	256,142,952	247,178,859	255,059,681
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
1st Branch	10,948,417	10,547,185	10,334,838	10,516,365	9,263,688	9,591,854
2nd Branch	32,319,080	34,006,241	33,472,580	36,366,514	33,901,124	35,873,138
3rd Branch	21,680,157	22,101,672	20,906,824	21,490,733	21,467,688	22,963,314
4th Branch	49,561,301	51,243,503	50,803,063	52,165,449	51,756,410	53,051,112
5th Branch	18,167,574	18,494,994	17,778,251	18,129,301	17,150,866	17,513,772
6th Branch	27,444,030	27,994,960	28,062,293	28,772,773	26,207,047	27,685,073
7th Branch	53,746,418	53,099,071	50,504,080	53,551,409	52,590,099	51,933,246
8th Branch	5,758,887	5,629,526	5,384,612	5,328,622	5,550,892	5,868,099
9th Branch	3,521,176	3,668,861	3,733,210	3,501,210	3,447,183	3,914,420
10th Branch	2,554,146	2,500,221	2,347,169	2,373,173	2,286,363	2,341,148
11th Branch	9,166,603	8,913,928	8,622,281	8,725,355	8,782,217	9,171,040
12th Branch	22,541,638	22,596,254	21,921,611	23,498,778	22,610,914	24,550,054

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

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

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



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
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

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
<b>2013</b>		<b>3,023,318,112</b>	<b>8,283,063</b>	<b>11,047,152</b>	<b>13,142,632</b>	<b>937,348,603</b>	<b>3,546,162</b>	—	<b>22,792,959</b>
<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>1st Branch</b>		<b>125,920,745</b>	<b>344,046</b>	<b>512,400</b>	<b>510,800</b>	<b>67,381,267</b>	<b>285,901</b>	—	<b>1,258,274</b>
Keelung	System	113,025,569	308,813	458,000	458,000	57,539,236	285,901	—	977,591
Pinglin	System	4,001,943	10,934	18,900	18,900	3,677,480	—	—	120,147
Danshuei	System	6,740,627	18,417	25,500	25,500	5,879,092	—	—	138,218
Jinshan	System	2,094,624	5,723	8,000	8,000	52,309	—	—	20,409
Wulai	System	57,982	158	400	400	193,791	—	—	1,909
Shuangsi	System	—	—	1,600	—	39,359	—	—	—
<b>2nd Branch</b>		<b>384,398,225</b>	<b>1,050,268</b>	<b>1,461,300</b>	<b>1,364,350</b>	<b>200,888,661</b>	<b>571,530</b>	—	<b>1,373,557</b>
Shihmen	System	383,979,753	1,049,125	1,460,000	1,363,500	200,795,927	571,530	—	1,364,524
Fusing	System	418,472	1,143	1,300	850	92,734	—	—	9,033
<b>3rd Branch</b>		<b>254,630,330</b>	<b>695,711</b>	<b>1,111,750</b>	<b>1,110,380</b>	<b>86,303,952</b>	—	—	<b>6,376,706</b>
Hsinchu	System	174,666,036	477,230	739,000	739,000	60,243,102	—	—	4,288,774
Jhudong	System	7,936,212	21,684	30,000	30,000	1,604,523	—	—	75,191
Jianshih	System	194,089	530	570	570	9,339	—	—	2,012
Meihua	System	25,146	69	200	230	13,654	—	—	756
Beipu	System	1,329,077	3,631	8,000	8,000	135,670	—	—	19,318
Wufong	System	280,569	767	980	980	108,488	—	—	2,812
Neiwan	System	136,301	372	900	900	63,429	—	—	2,751
Sinpu	System	1,440,385	3,935	8,200	6,800	1,106,533	—	—	49,371
Miaoli	System	10,505,891	28,705	49,000	49,000	3,618,763	—	—	493,055
Dahu	System	1,599,015	4,369	6,800	6,800	661,416	—	—	13,367
JhunanToufen	System	50,053,297	136,758	240,000	240,000	4,431,979	—	—	1,318,847
Liyutan	System	1,714,287	4,684	10,400	9,400	11,698,763	—	—	22,656
Nanjhuang	System	1,620,764	4,428	6,000	7,000	791,824	—	—	28,051
Cyonglin	System	1,073,535	2,933	3,900	3,900	622,353	—	—	13,439
Guan W.	System	2,055,726	5,617	7,800	7,800	1,194,116	—	—	46,306
<b>4th Branch</b>		<b>607,175,875</b>	<b>1,658,950</b>	<b>1,885,044</b>	<b>2,980,800</b>	<b>108,713,302</b>	<b>888,619</b>	—	<b>1,242,824</b>
Taichung	System	523,298,123	1,429,776	1,498,748	2,382,500	47,043,353	888,619	—	134,431
Sinshe	System	2,172,230	5,935	11,000	13,750	2,757,249	—	—	17,157
Guguan	System	4,561	12	27	160	57,571	—	—	102
Wufong	System	6,416,540	17,532	17,300	25,500	2,528,654	—	—	43,941
Dongshih	System	4,024,269	10,995	30,000	41,600	5,212,117	—	—	85,247
Jhuolan	System	1,681,031	4,593	7,500	10,500	1,606,516	—	—	19,594
Lishan	System	238,191	651	1,600	3,500	455,920	—	—	1,604
Puli	System	9,296,399	25,400	27,000	31,000	5,260,353	—	—	112,917
Dapingding	System	158,873	434	432	600	215,299	—	—	1,913
Wushe	System	288,315	788	950	1,900	364,846	—	—	2,903
Rihyuetan	System	1,351,515	3,693	5,500	8,000	1,086,729	—	—	15,902
Dehua	System	147,672	403	417	600	72,473	—	—	1,098

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	1,989,058	5,435	9,300	22,000	1,423,668	—	—	60,650
Nantou	System	9,018,008	24,639	64,000	154,400	17,326,941	—	—	41,070
Shueili	System	22,597,818	61,743	113,000	117,250	4,839,090	—	—	424,565
Sinyi	System	192,681	526	1,100	1,210	438,195	—	—	386
Dajia	System	5,614,871	15,341	22,200	39,800	2,520,537	—	—	69,126
Waipu	System	564,760	1,543	1,400	2,000	386,220	—	—	5,446
Caotun	System	14,341,889	39,185	59,440	106,300	12,299,953	—	—	143,860
Pingding	System	19,568	53	180	180	4,250	—	—	443
Lugu	System	1,870,731	5,111	8,000	11,200	1,520,998	—	—	40,787
Dili	System	33,408	91	650	950	25,166	—	—	770
Renlun	System	36,617	100	250	300	64,782	—	—	738
Luonuo	System	98,964	270	550	600	182,431	—	—	581
Guosing	System	1,719,783	4,699	4,500	5,000	1,019,991	—	—	17,593
	<b>5th Branch</b>	213,582,892	583,560	850,310	1,309,490	42,106,414	—	—	4,897,337
Chiayi	System	113,783,069	310,883	405,000	417,500	15,139,549	—	—	2,790,304
Wufong	System	16,986	46	300	300	22,161	—	—	189
Dapu	System	250,532	685	800	2,500	54,585	—	—	2,928
Yunlin	System	99,072,659	270,690	442,010	884,930	26,863,096	—	—	2,100,509
Alishan	System	211,000	577	1,200	1,600	9,091	—	—	1,320
Leye	System	248,646	679	1,000	2,660	17,932	—	—	2,087
	<b>6th Branch</b>	328,945,339	898,758	1,214,677	1,239,300	29,494,825	346,687	—	4,176,907
Tainan	System	327,440,226	894,645	1,207,321	1,231,500	28,631,652	346,687	—	4,142,313
NansiYujing	System	1,505,113	4,112	7,356	7,800	863,173	—	—	34,594
	<b>7th Branch</b>	631,764,873	1,726,134	2,063,920	2,667,555	222,074,594	397,458	—	2,638,217
Kaohsiung	System	550,602,721	1,504,379	1,750,000	2,341,000	186,728,438	397,458	—	856,798
Cishan	System	3,848,596	10,515	24,000	21,000	3,931,652	—	—	60,592
Maolin	System	85,504	234	500	500	125,183	—	—	555
Meinong	System	3,196,519	8,734	12,000	12,000	1,128,270	—	—	34,386
Guangsing	System	187,054	511	1,500	1,500	130,281	—	—	1,216
Jiasian	System	513,637	1,403	1,500	1,500	404,707	—	—	9,556
Liouguei	System	645,589	1,764	3,000	3,000	282,149	—	—	5,875
Sinwei	System	202,307	553	1,400	1,400	36,570	—	—	1,819
Jibei	System	98,380	269	450	1,000	136,780	—	—	6,250
Dongyuan	System	103,200	282	1,000	1,000	57,015	—	—	4,425
Pingtung	System	21,842,990	59,680	87,000	87,000	8,501,892	—	—	347,150
Siangtan	System	543,286	1,484	1,600	1,545	186,559	—	—	3,226
Gaoshu	System	2,577,137	7,041	9,000	11,700	981,591	—	—	16,786
Gaoshih	System	16,617	45	200	200	57,163	—	—	1,687
Sandi	System	1,499,607	4,097	3,600	3,600	1,437,767	—	—	12,600
Muzih	System	289,626	791	1,000	1,000	186,246	—	—	2,522
Nanhe	System	748,557	2,045	2,500	3,800	377,380	—	—	4,656
Sihchun	System	283,164	774	640	450	34,005	—	—	1,734
Singuo	System	—	—	400	1,500	267	—	—	20
Magong	System	9,160,460	25,029	26,600	32,620	5,149,160	—	—	266,316

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
Lun E.	System	87,366	239	800	1,000	49,631	—	—	578
Fangliao	System	2,314,675	6,324	6,300	5,200	20,880	—	—	19,642
Baolong	System	30,547	83	540	540	41,446	—	—	279
Majia	System	1,145	3	120	120	—	—	—	113
Minsheng	System	49,754	136	340	340	240	—	—	426
Baolai	System	311,375	851	1,400	1,400	266,439	—	—	8,940
Jiasing	System	7,472	20	80	80	—	—	—	38
Wanan	System	—	—	500	500	—	—	—	—
Wutan	System	540,769	1,478	2,350	2,000	250,366	—	—	3,742
Laiyi	System	486,766	1,330	1,800	1,800	230,501	—	—	3,357
Beishih	System	493,518	1,348	13,650	13,650	320,429	—	—	11,100
Wutai	System	25,862	71	350	350	—	—	—	580
Mudan	System	28,910,357	78,990	100,000	103,930	8,266,798	—	—	898,769
Duona	System	49,036	134	250	250	42,569	—	—	318
Baisha	System	743,130	2,030	2,800	3,000	1,167,860	—	—	15,380
Wang-an	System	222,330	607	750	1,330	145,090	—	—	5,606
Siyu	System	751,430	2,053	2,800	3,550	725,600	—	—	15,460
Cimei	System	294,390	804	1,200	1,200	673,670	—	—	15,720
	<b>8th Branch</b>	<b>65,273,801</b>	<b>178,344</b>	<b>355,572</b>	<b>357,882</b>	<b>17,934,933</b>	—	—	<b>658,202</b>
Yilan	System	25,885,809	70,726	118,650	118,650	6,443,519	—	—	235,330
Luodong	System	33,242,616	90,827	218,160	218,160	11,301,332	—	—	374,998
Nan-ao	System	689,923	1,885	2,210	4,300	84,359	—	—	6,468
Songluo	System	5,111,320	13,965	15,000	15,000	14,218	—	—	37,486
Yingshih	System	8,936	24	80	80	—	—	—	80
Sihji	System	39,360	108	270	270	—	—	—	814
Nanshan	System	71,358	195	210	210	—	—	—	920
Dongao	System	101,031	276	432	432	35,031	—	—	949
Jinyang	System	12,837	35	160	350	4,300	—	—	121
Aohua	System	110,611	302	400	430	52,174	—	—	1,036
	<b>9th Branch</b>	<b>42,063,571</b>	<b>114,928</b>	<b>225,120</b>	<b>344,535</b>	<b>6,289,104</b>	—	—	<b>403,725</b>
Hualien	System	31,008,943	84,724	162,320	244,900	3,642,943	—	—	270,295
Heping	System	580,651	1,586	3,570	3,570	161,520	—	—	3,930
Shueilian	System	25,900	71	420	420	12,196	—	—	923
Fonglin	System	4,085,224	11,162	16,210	42,510	586,405	—	—	65,023
Fongbin	System	266,788	729	2,400	2,400	20,564	—	—	4,334
Rueisuei	System	1,622,027	4,432	7,200	11,400	76,855	—	—	16,843
Fuyuan	System	569,579	1,556	3,500	6,000	188,784	—	—	9,001
Gangkou	System	122,744	335	1,600	1,600	84,774	—	—	2,200
Yuli	System	2,573,982	7,033	20,400	24,235	1,068,860	—	—	20,761
Fuli	System	700,499	1,914	5,000	5,000	286,950	—	—	4,573
Chihnan	System	325,351	889	1,800	1,800	78,495	—	—	3,520
Songpu	System	181,883	497	700	700	80,758	—	—	2,322
	<b>10th Branch</b>	<b>27,880,045</b>	<b>76,175</b>	<b>121,730</b>	<b>165,160</b>	<b>3,652,601</b>	—	—	<b>270,458</b>
Taitung	System	18,833,532	51,458	65,000	92,800	1,180,152	—	—	174,891

**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
Chulu	System	349,277	954	2,300	2,500	96,864	—	—	2,303
Luye	System	1,565,612	4,278	5,440	8,470	315,816	—	—	12,519
Chihshang	System	1,235,138	3,375	5,300	8,400	366,275	—	—	9,894
Guanshan	System	1,132,373	3,094	5,600	6,810	144,083	—	—	11,014
Dawu	System	541,311	1,479	2,820	8,600	151,232	—	—	3,020
Jinlun	System	301,132	823	1,480	2,540	2,974	—	—	2,275
Taimali	System	813,063	2,221	7,970	7,970	222,433	—	—	4,845
Siadasi	System	90,256	247	380	380	—	—	—	616
Taiyuan	System	124,651	341	780	780	152,089	—	—	2,529
Senyong	System	27,292	75	400	400	48,565	—	—	169
Anshuo	System	161,615	442	1,000	1,000	50,644	—	—	942
Chenggong	System	1,976,663	5,401	18,200	18,920	720,342	—	—	39,564
Sinhua	System	25,515	70	100	200	13,864	—	—	241
Aiguopu	System	28,098	77	100	240	—	—	—	199
Lyudao	System	312,515	854	2,900	2,900	119,650	—	—	2,955
Lanyu	System	284,746	778	1,360	1,650	30,300	—	—	1,648
Tuban	System	49,209	134	300	300	37,318	—	—	420
Lidao	System	28,047	77	300	300	—	—	—	414
<b>11th Branch</b>		<b>103,621,032</b>	<b>283,118</b>	<b>515,300</b>	<b>527,300</b>	<b>45,029,000</b>	—	—	<b>3,753,248</b>
Changhua	System	17,323,342	47,332	88,600	88,600	9,371,748	—	—	1,086,261
Huatan	System	6,826,841	18,653	28,000	37,000	3,061,209	—	—	401,952
Beidou	System	12,103,732	33,070	95,100	95,100	4,997,204	—	—	240,411
Erlin	System	10,940,568	29,892	38,200	38,200	4,029,480	—	—	296,171
Lugang	System	13,540,660	36,996	70,800	70,800	5,291,908	—	—	593,495
Yuanlin	System	15,432,490	42,165	71,000	71,000	7,733,486	—	—	527,848
Ershuei	System	16,618,900	45,407	66,900	69,900	6,615,518	—	—	94,739
Sihu	System	10,834,499	29,602	56,700	56,700	3,928,447	—	—	512,371
<b>12th Branch</b>		<b>262,975,725</b>	<b>718,513</b>	<b>1,102,200</b>	<b>1,202,200</b>	<b>76,963,764</b>	<b>747,241</b>	—	<b>4,578</b>
BanSin	System	262,975,725	718,513	1,102,200	1,202,200	76,963,764	747,241	—	4,578

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



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
		Dadu System	—	—	—	—	—	—	—
Nantou System	—	—	—	—	—	—	—	—	
Shueili System	—	—	—	—	—	75,153	—	1,455	
Sinyi System	—	—	—	—	—	31	—	—	
Dajia System	—	—	—	—	—	—	—	—	
Waipu System	—	—	—	—	—	—	—	—	
Caotun System	—	—	—	—	—	—	—	—	
Pingding System	—	—	—	—	—	—	—	—	
Lugu System	—	—	—	—	—	10,866	—	—	
Dili System	—	—	—	—	—	3	—	—	
Renlun System	—	—	—	—	—	132	—	—	
Luonuo System	—	—	—	—	—	309	—	—	
Guosing System	—	—	—	—	—	12,800	—	—	
<b>5th Branch</b>	—	—	3,472,607	—	—	—	—	—	
Chiayi System	—	—	1,828,271	—	—	—	—	—	
Wufong System	—	—	—	—	—	—	—	—	
Dapu System	—	—	—	—	—	—	—	—	
Yunlin System	—	—	1,644,336	—	—	—	—	—	
Alishan System	—	—	—	—	—	—	—	—	
Leye System	—	—	—	—	—	—	—	—	
<b>6th Branch</b>	—	974,530	2,504,508	—	—	2,173,217	—	4,828	
Tainan System	—	952,864	2,480,960	—	—	2,173,217	—	4,828	
NansiYujing System	—	21,666	23,548	—	—	—	—	—	
<b>7th Branch</b>	137,395	1,165,090	—	32	59,018	9,014,409	—	701,235	
Kaohsiung System	—	180,895	—	—	—	9,014,409	—	—	
Cishan System	—	—	—	—	—	—	—	—	
Maolin System	—	—	—	—	—	—	—	—	
Meinong System	—	—	—	—	—	—	—	—	
Guangsing System	—	—	—	—	7,364	—	—	—	
Jiasian System	—	14,860	—	—	—	—	—	—	
Liouguei System	—	9,415	—	—	—	—	—	—	
Sinwei System	—	—	—	—	—	—	—	—	
Jibei System	—	—	—	—	—	—	—	13,000	
Dongyuan System	—	—	—	—	—	—	—	—	
Pingtung System	—	—	—	—	—	—	—	—	
Siangtan System	—	—	—	—	—	—	—	—	
Gaoshu System	—	—	—	—	21,963	—	—	—	
Gaoshih System	—	—	—	—	—	—	—	—	
Sandi System	—	—	—	—	—	—	—	—	
Muzih System	—	—	—	—	—	—	—	—	
Nanhe System	—	—	—	—	—	—	—	—	
Sihchun System	—	—	—	—	—	—	—	—	
Singuo System	—	—	—	—	—	—	—	—	
Magong System	121,250	—	—	—	29,341	—	—	618,574	



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
		Lun E. System	—	—	—	—	—	—	—
Fangliao System	—	—	—	—	—	—	—	—	
Baolong System	—	—	—	—	—	—	—	—	
Majia System	—	—	—	—	—	—	—	—	
Minsheng System	—	—	—	—	—	—	—	—	
Baolai System	—	—	—	—	—	—	—	—	
Jiasing System	—	—	—	—	—	—	—	—	
Wanan System	—	—	—	—	—	—	—	—	
Wutan System	—	—	—	—	—	—	—	—	
Laiyi System	—	—	—	—	—	—	—	—	
Beishih System	—	—	—	—	—	—	—	—	
Wutai System	—	—	—	—	—	—	—	—	
Mudan System	—	<b>959,920</b>	—	—	—	—	—	—	
Duona System	—	—	—	—	—	—	—	—	
Baisha System	—	—	—	—	—	—	—	<b>11,556</b>	
Wang-an System	<b>3,770</b>	—	—	—	—	—	—	<b>12,360</b>	
Siyu System	<b>9,420</b>	—	—	—	<b>100</b>	—	—	<b>16,030</b>	
Cimei System	<b>2,955</b>	—	—	<b>32</b>	<b>250</b>	—	—	<b>29,715</b>	
<b>8th Branch</b>	—	<b>307,176</b>	—	—	—	—	—	—	
Yilan System	—	<b>171,528</b>	—	—	—	—	—	—	
Luodong System	—	<b>135,648</b>	—	—	—	—	—	—	
Nan-ao System	—	—	—	—	—	—	—	—	
Songluo System	—	—	—	—	—	—	—	—	
Yingshih System	—	—	—	—	—	—	—	—	
Sihji System	—	—	—	—	—	—	—	—	
Nanshan System	—	—	—	—	—	—	—	—	
Dongao System	—	—	—	—	—	—	—	—	
Jinyang System	—	—	—	—	—	—	—	—	
Aohua System	—	—	—	—	—	—	—	—	
<b>9th Branch</b>	—	—	—	—	—	<b>7,240</b>	—	—	
Hualien System	—	—	—	—	—	<b>7,240</b>	—	—	
Heping System	—	—	—	—	—	—	—	—	
Shueilian System	—	—	—	—	—	—	—	—	
Fonglin System	—	—	—	—	—	—	—	—	
Fongbin System	—	—	—	—	—	—	—	—	
Rueisuei System	—	—	—	—	—	—	—	—	
Fuyuan System	—	—	—	—	—	—	—	—	
Gangkou System	—	—	—	—	—	—	—	—	
Yuli System	—	—	—	—	—	—	—	—	
Fuli System	—	—	—	—	—	—	—	—	
Chihnan System	—	—	—	—	—	—	—	—	
Songpu System	—	—	—	—	—	—	—	—	
<b>10th Branch</b>	—	—	<b>123,918</b>	—	—	<b>3,753</b>	—	—	
Taitung System	—	—	<b>18,780</b>	—	—	—	—	—	

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
		Chulu System	—	—	—	—	—	—	—
Luye System	—	—	—	—	—	—	—	—	
Chihshang System	—	—	—	—	—	—	—	—	
Guanshan System	—	—	—	—	—	—	—	—	
Dawu System	—	—	—	—	—	—	—	—	
Jinlun System	—	—	—	—	—	—	—	—	
Taimali System	—	—	—	—	—	—	—	—	
Siadasi System	—	—	—	—	—	—	—	—	
Taiyuan System	—	—	<b>1,100</b>	—	—	—	—	—	
Senyong System	—	—	—	—	—	—	—	—	
Anshuo System	—	—	—	—	—	—	—	—	
Chenggong System	—	—	<b>104,038</b>	—	—	—	—	—	
Sinhua System	—	—	—	—	—	—	—	—	
Aiguopu System	—	—	—	—	—	—	—	—	
Lyudao System	—	—	—	—	—	<b>3,753</b>	—	—	
Lanyu System	—	—	—	—	—	—	—	—	
Tuban System	—	—	—	—	—	—	—	—	
Lidao System	—	—	—	—	—	—	—	—	
<b>11th Branch</b>	—	—	—	—	<b>303,958</b>	—	—	<b>182,951</b>	
Changhua System	—	—	—	—	—	—	—	—	
Huatan System	—	—	—	—	—	—	—	—	
Beidou System	—	—	—	—	<b>303,958</b>	—	—	<b>182,951</b>	
Erlin System	—	—	—	—	—	—	—	—	
Lugang System	—	—	—	—	—	—	—	—	
Yuanlin System	—	—	—	—	—	—	—	—	
Ershuei System	—	—	—	—	—	—	—	—	
Sihu System	—	—	—	—	—	—	—	—	
<b>12th Branch</b>	—	—	—	—	<b>176,637</b>	<b>10,711,108</b>	—	<b>5,502</b>	
BanSin System	—	—	—	—	<b>176,637</b>	<b>10,711,108</b>	—	<b>5,502</b>	

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

2016

	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>2,176,851</b>	<b>1,890,174</b>	<b>286,677</b>	<b>2,912,463</b>	<b>109,260</b>	<b>609,876</b>	<b>420,021</b>	<b>133,344</b>	<b>286,677</b>	<b>732,675</b>
1st Branch	36,868	36,868	—	190,406	32,238	181,146	4,630	4,630	—	9,260
2nd Branch	536,203	380,393	155,809	712,747	—	—	209,925	54,116	155,809	352,992
3rd Branch	111,106	111,106	—	139,237	—	—	48,774	48,774	—	73,192
4th Branch	555,944	552,990	2,954	450,872	—	—	10,640	7,686	2,954	10,109
5th Branch	68,708	52,399	16,309	154,490	—	—	16,452	143	16,309	82,618
6th Branch	310,995	199,390	111,605	366,456	—	—	127,970	16,364	111,605	175,586
7th Branch	325,218	325,218	—	364,691	—	—	—	—	—	27,400
8th Branch	3,990	3,990	—	12,629	—	—	—	—	—	—
9th Branch	1,464	1,464	—	900	—	—	1,464	1,464	—	900
10th Branch	—	—	—	—	—	—	—	—	—	—
11th Branch	167	167	—	617	—	—	167	167	—	617
12th Branch	226,190	226,190	—	519,418	77,022	428,730	—	—	—	—
<b>the first half and last half of year</b>										
Jan. ~ Jun.	1,101,035	951,716	149,320	1,458,853	52,058	291,631	215,450	66,130	149,320	381,429
Jul. ~Des.	1,075,816	938,458	137,358	1,453,610	57,202	318,246	204,571	67,214	137,358	351,245

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

1,000M<sup>3</sup>  
1,000 NT\$

2016								
	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>541,767</b>	<b>529,116</b>	<b>583,336</b>	<b>493,275</b>	<b>516,619</b>	<b>506,468</b>	<b>5,848</b>	<b>41,053</b>
1st Branch	—	—	—	—	—	—	—	—
2nd Branch	326,278	359,755	—	—	—	—	—	—
3rd Branch	62,332	66,045	—	—	—	—	—	—
4th Branch	—	—	544,480	437,789	—	—	824	2,974
5th Branch	—	—	38,856	55,486	13,400	16,386	—	—
6th Branch	—	—	—	—	181,468	188,486	1,558	2,383
7th Branch	—	—	—	—	321,751	301,595	3,467	35,696
8th Branch	3,990	12,629	—	—	—	—	—	—
9th Branch	—	—	—	—	—	—	—	—
10th Branch	—	—	—	—	—	—	—	—
11th Branch	—	—	—	—	—	—	—	—
12th Branch	149,168	90,688	—	—	—	—	—	—
<b>the first half and last half of year</b>								
Jan. ~ Jun.	256,233	256,181	295,523	251,075	279,122	258,150	2,649	20,387
Jul. ~Des.	285,534	272,936	287,813	242,200	237,497	248,318	3,199	20,666

Table 5 No. of Households Connections

(1) Classified by Consumership

unit : Household

	General Public										Industry	
	Amount		Ordinary		Trade		Military Serviceman & Dependents					
	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	
End of 2012	6,452,171	6,345,013	98.34	6,074,623	94.15	68,394	1.06	201,996	3.13	34,240	0.53	

Table 5 No. of Households Connections

(1) Classified by Consumership

unit : Household

	General Public										Industry	
	Amount		Ordinary		Trade		Military Serviceman & Dependents					
	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)		
<b>End of 2013</b>	<b>6,550,080</b>	<b>6,437,668</b>	<b>98.28</b>	<b>6,158,859</b>	<b>94.03</b>	<b>75,062</b>	<b>1.15</b>	<b>203,747</b>	<b>3.11</b>	<b>35,508</b>	<b>0.54</b>	
<b>End of 2014</b>	<b>6,650,695</b>	<b>6,532,649</b>	<b>98.23</b>	<b>6,256,659</b>	<b>94.08</b>	<b>75,838</b>	<b>1.14</b>	<b>200,152</b>	<b>3.01</b>	<b>36,580</b>	<b>0.55</b>	
<b>End of 2015</b>	<b>6,761,673</b>	<b>6,635,229</b>	<b>98.13</b>	<b>6,347,013</b>	<b>93.87</b>	<b>80,576</b>	<b>1.19</b>	<b>207,640</b>	<b>3.07</b>	<b>36,542</b>	<b>0.54</b>	
<b>End of 2016</b>	<b>6,875,844</b>	<b>6,745,717</b>	<b>98.11</b>	<b>6,450,389</b>	<b>93.81</b>	<b>82,173</b>	<b>1.20</b>	<b>213,155</b>	<b>3.10</b>	<b>36,580</b>	<b>0.53</b>	
1st Branch	416,615	412,154	98.93	400,944	96.24	4,604	1.11	6,606	1.59	430	0.10	
2nd Branch	848,387	830,426	97.88	783,097	92.30	15,231	1.80	32,098	3.78	7,463	0.88	
3rd Branch	505,070	495,561	98.12	477,890	94.62	7,132	1.41	10,539	2.09	3,219	0.64	
4th Branch	1,157,465	1,139,852	98.48	1,093,513	94.47	15,450	1.33	30,889	2.67	3,164	0.27	
5th Branch	515,870	502,563	97.42	485,353	94.08	3,545	0.69	13,665	2.65	1,240	0.24	
6th Branch	708,221	691,198	97.60	662,565	93.55	5,188	0.73	23,445	3.31	5,780	0.82	
7th Branch	1,193,619	1,170,661	98.08	1,099,411	92.11	9,432	0.79	61,818	5.18	4,332	0.36	
8th Branch	169,096	166,854	98.67	160,592	94.97	2,006	1.19	4,256	2.52	376	0.22	
9th Branch	108,586	106,004	97.62	98,617	90.82	1,564	1.44	5,823	5.36	230	0.21	
10th Branch	66,401	64,513	97.16	59,017	88.88	2,054	3.09	3,442	5.18	0	0.00	
11th Branch	371,802	361,130	97.13	351,224	94.47	3,926	1.06	5,980	1.61	3,591	0.97	
12th Branch	814,712	804,801	98.78	778,166	95.51	12,041	1.48	14,594	1.79	6,755	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
End of 2012	225	0.00	72,693	1.13	16,603	0.26	1,768	0.03	4,046	0.06	50,276	0.78

**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 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>
1st Branch	4	0.00	4,027	0.97	1,219	0.29	71	0.02	174	0.04	2,563	0.62
2nd Branch	0	—	10,498	1.24	1,901	0.22	165	0.02	332	0.04	8,100	0.95
3rd Branch	0	—	6,290	1.25	1,728	0.34	164	0.03	379	0.08	4,019	0.80
4th Branch	142	0.01	14,307	1.24	2,289	0.20	484	0.04	629	0.05	10,905	0.94
5th Branch	0	—	12,067	2.34	2,819	0.55	92	0.02	486	0.09	8,670	1.68
6th Branch	0	—	11,243	1.59	2,048	0.29	232	0.03	395	0.06	8,568	1.21
7th Branch	20	0.00	18,606	1.56	6,020	0.50	368	0.03	711	0.06	11,507	0.96
8th Branch	37	0.02	1,829	1.08	1,087	0.64	6	0.00	121	0.07	615	0.36
9th Branch	0	—	2,352	2.17	948	0.87	33	0.03	141	0.13	1,230	1.13
10th Branch	1	0.00	1,887	2.84	856	1.29	9	0.01	220	0.33	802	1.21
11th Branch	0	—	7,081	1.90	968	0.26	37	0.01	312	0.08	5,764	1.55
12th Branch	0	—	3,156	0.39	938	0.12	115	0.01	138	0.02	1,965	0.24



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 (%)	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	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 (%)	No. of Households	Percentage (%)	No. of Households	Percentage (%)	No. of Households	Percentage (%)	No. of Households	Percentage (%)
End of 2010	<b>6,281,636</b>	<b>1,060,494</b>	<b>16.88</b>	<b>3,954,807</b>	<b>62.96</b>	<b>1,211,046</b>	<b>19.28</b>	<b>42,581</b>	<b>0.68</b>	<b>5,881</b>	<b>0.09</b>
End of 2011	<b>6,365,990</b>	<b>1,060,495</b>	<b>16.66</b>	<b>4,018,489</b>	<b>63.12</b>	<b>1,230,840</b>	<b>19.33</b>	<b>43,359</b>	<b>0.68</b>	<b>5,886</b>	<b>0.09</b>
End of 2012	<b>6,452,171</b>	<b>1,048,626</b>	<b>16.25</b>	<b>4,086,453</b>	<b>63.33</b>	<b>1,258,677</b>	<b>19.51</b>	<b>45,421</b>	<b>0.70</b>	<b>5,934</b>	<b>0.09</b>
End of 2013	<b>6,550,080</b>	<b>1,044,692</b>	<b>15.95</b>	<b>4,153,019</b>	<b>63.40</b>	<b>1,289,571</b>	<b>19.69</b>	<b>49,029</b>	<b>0.75</b>	<b>6,341</b>	<b>0.10</b>
End of 2014	<b>6,650,695</b>	<b>1,040,471</b>	<b>15.64</b>	<b>4,226,108</b>	<b>63.54</b>	<b>1,319,343</b>	<b>19.84</b>	<b>50,620</b>	<b>0.76</b>	<b>6,550</b>	<b>0.10</b>
End of 2015	<b>6,761,673</b>	<b>1,037,655</b>	<b>15.35</b>	<b>4,307,844</b>	<b>63.71</b>	<b>1,349,911</b>	<b>19.96</b>	<b>51,752</b>	<b>0.77</b>	<b>6,712</b>	<b>0.10</b>
End of 2016	<b>6,875,844</b>	<b>1,031,528</b>	<b>15.00</b>	<b>4,389,636</b>	<b>63.84</b>	<b>1,389,563</b>	<b>20.21</b>	<b>50,473</b>	<b>0.73</b>	<b>6,827</b>	<b>0.10</b>
1st Branch	416,615	56,411	13.54	187,252	44.95	169,126	40.60	3,416	0.82	154	0.04
2nd Branch	848,387	31,910	3.76	540,379	63.69	264,318	31.16	9,361	1.10	1,143	0.13
3rd Branch	505,070	59,206	11.72	353,150	69.92	89,142	17.65	2,575	0.51	329	0.07
4th Branch	1,157,465	115,546	9.98	1,000,681	86.45	34,439	2.98	5,177	0.45	927	0.08
5th Branch	515,870	166,816	32.34	187,467	36.34	158,889	30.80	1,988	0.39	439	0.09
6th Branch	708,221	144,462	20.40	491,971	69.47	67,017	9.46	3,448	0.49	590	0.08
7th Branch	1,193,619	268,428	22.49	687,830	57.63	221,740	18.58	10,602	0.89	2,051	0.17
8th Branch	169,096	12,918	7.64	92,616	54.77	62,364	36.88	944	0.56	118	0.07
9th Branch	108,586	22,799	21.00	69,768	64.25	15,322	14.11	485	0.45	107	0.10
10th Branch	66,401	21,307	32.09	41,538	62.56	3,110	4.68	327	0.49	50	0.08
11th Branch	371,802	60,315	16.22	304,748	81.97	5,214	1.40	1,186	0.32	215	0.06
12th Branch	814,712	71,410	8.77	432,236	53.05	298,882	36.69	10,964	1.35	704	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 (%)	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	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 (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)	NO. of Households	Percentage (%)
<b>End of 2010</b>	<b>4,111</b>	<b>0.07</b>	<b>1,819</b>	<b>0.03</b>	<b>534</b>	<b>0.01</b>	<b>193</b>	<b>0.00</b>	<b>170</b>	<b>0.00</b>
<b>End of 2011</b>	<b>4,143</b>	<b>0.07</b>	<b>1,844</b>	<b>0.03</b>	<b>547</b>	<b>0.01</b>	<b>211</b>	<b>0.00</b>	<b>176</b>	<b>0.00</b>
<b>End of 2012</b>	<b>4,207</b>	<b>0.07</b>	<b>1,844</b>	<b>0.03</b>	<b>547</b>	<b>0.01</b>	<b>211</b>	<b>0.00</b>	<b>176</b>	<b>0.00</b>
<b>End of 2013</b>	<b>4,497</b>	<b>0.07</b>	<b>1,941</b>	<b>0.03</b>	<b>592</b>	<b>0.01</b>	<b>218</b>	<b>0.00</b>	<b>180</b>	<b>0.00</b>
<b>End of 2014</b>	<b>4,636</b>	<b>0.07</b>	<b>1,968</b>	<b>0.03</b>	<b>597</b>	<b>0.01</b>	<b>219</b>	<b>0.00</b>	<b>183</b>	<b>0.00</b>
<b>End of 2015</b>	<b>4,761</b>	<b>0.07</b>	<b>1,999</b>	<b>0.03</b>	<b>619</b>	<b>0.01</b>	<b>225</b>	<b>0.00</b>	<b>195</b>	<b>0.00</b>
<b>End of 2016</b>	<b>4,816</b>	<b>0.07</b>	<b>1,992</b>	<b>0.03</b>	<b>615</b>	<b>0.01</b>	<b>215</b>	<b>0.00</b>	<b>179</b>	<b>0.00</b>
1st Branch	159	0.04	66	0.02	27	0.01	3	0.00	1	0.00
2nd Branch	773	0.09	334	0.04	110	0.01	38	0.00	21	0.00
3rd Branch	356	0.07	193	0.04	57	0.01	38	0.01	24	0.00
4th Branch	466	0.04	151	0.01	35	0.00	14	0.00	29	0.00
5th Branch	155	0.03	74	0.01	33	0.01	6	0.00	3	0.00
6th Branch	435	0.06	178	0.03	62	0.01	28	0.00	30	0.00
7th Branch	1,912	0.16	700	0.06	233	0.02	61	0.01	62	0.01
8th Branch	69	0.04	53	0.03	7	0.00	5	0.00	2	0.00
9th Branch	62	0.06	31	0.03	8	0.01	3	0.00	1	0.00
10th Branch	57	0.09	10	0.02	2	0.00	—	—	—	—
11th Branch	70	0.02	38	0.01	10	0.00	3	0.00	3	0.00
12th Branch	302	0.04	164	0.02	31	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	3.23	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

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

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

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



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>1st Branch</b>	<b>373,330</b>	<b>907,826</b>	<b>367,753</b>	<b>893,355</b>
Keelung System	255,398	622,122	253,927	618,354
Pinglin System	17,760	42,735	15,743	37,764
Danshuei System	86,168	201,630	85,338	199,473
Jinshan System	8,328	26,053	8,134	25,444
Wulai System	1,857	6,212	1,408	4,710
Shuangsi System	3,819	9,074	3,203	7,610
<b>2nd Branch</b>	<b>806,476</b>	<b>2,239,541</b>	<b>797,729</b>	<b>2,214,330</b>
Shihmen System	802,720	2,228,349	796,377	2,210,301
Fusing System	3,756	11,192	1,352	4,029
<b>3rd Branch</b>	<b>527,714</b>	<b>1,526,341</b>	<b>506,346</b>	<b>1,462,350</b>
Hsinchu System	276,251	770,611	276,251	770,611
Jhudong System	30,155	87,501	30,155	87,501
Jianshih System	2,569	8,509	833	2,762
Meihua System	270	903	88	291
Beipu System	5,216	15,124	4,257	12,404
Wufong System	2,244	5,562	1,179	2,759
Neiwan System	4,487	13,298	714	2,116
Sinpu System	10,702	33,737	9,443	29,768
Miaoli System	57,539	174,380	56,218	170,206
Dahu System	9,079	25,475	5,029	14,061
JhunanToufen System	65,035	195,936	65,035	195,936
Liyutan System	41,803	128,457	37,926	116,425
Nanjhuang System	6,359	17,275	5,502	15,025
Cyonglin System	6,506	20,165	5,952	18,448
Guan W. System	9,499	29,408	7,764	24,037
<b>4th Branch</b>	<b>1,135,024</b>	<b>3,313,949</b>	<b>1,103,486</b>	<b>3,218,789</b>
Taichung System	843,544	2,442,306	842,397	2,438,702
Sinshe System	7,733	25,520	7,025	23,178
Guguan System	3,499	8,538	806	2,092
Wufong System	19,974	64,898	16,947	55,063
Dongshih System	21,883	64,989	21,880	64,980
Jhuolan System	6,300	18,266	6,300	18,266
Lishan System	1,011	2,257	1,011	2,257
Puli System	28,367	79,618	24,411	68,390
Dapingding System	626	1,956	518	1,750
Wushe System	4,932	15,709	1,032	3,287
Rihyuetan System	5,703	15,944	4,769	13,375
Dehua System	346	966	290	825
Dadu System	12,354	41,291	12,354	41,291
Nantou System	41,587	123,618	41,587	123,618
Shueili System	30,027	80,932	29,056	78,186
Sinyi System	4,546	13,137	1,954	5,129
Dajia System	28,375	97,065	26,150	89,496

**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	6,051	19,775	5,860	19,151
Caotun	System	50,967	153,397	46,590	137,895
Pingding	System	197	508	197	508
Lugu	System	7,818	18,010	7,030	16,195
Dili	System	755	2,130	755	2,130
Renlun	System	422	1,529	420	1,529
Luonuo	System	704	2,492	704	2,492
Guosing	System	7,303	19,098	3,443	9,004
<b>5th Branch</b>		<b>520,916</b>	<b>1,480,067</b>	<b>515,741</b>	<b>1,465,262</b>
Chiayi	System	268,373	749,090	267,225	745,840
Wufong	System	1,484	4,379	723	2,196
Dapu	System	1,940	4,610	1,749	4,092
Yunlin	System	246,765	716,133	244,362	709,118
Alishan	System	453	1,175	325	818
Leye	System	1,901	4,680	1,357	3,198
<b>6th Branch</b>		<b>679,097</b>	<b>1,888,777</b>	<b>679,097</b>	<b>1,888,777</b>
Tainan	System	670,439	1,864,631	670,439	1,864,631
NansiYujing	System	8,658	24,146	8,658	24,146
<b>7th Branch</b>		<b>1,407,111</b>	<b>3,715,682</b>	<b>1,307,607</b>	<b>3,413,535</b>
Kaohsiung	System	1,033,959	2,646,008	1,023,078	2,614,797
Cishan	System	17,966	49,341	17,966	49,341
Maolin	System	398	1,290	398	1,290
Meinong	System	13,927	38,236	13,927	38,236
Guangsing	System	661	2,177	661	2,177
Jiasian	System	2,093	5,455	2,093	5,455
Liouguei	System	2,970	7,069	2,806	6,605
Sinwei	System	955	2,295	955	2,295
Jibei	System	510	1,576	510	1,576
Dongyuan	System	524	1,382	524	1,382
Pingtung	System	92,025	259,075	85,626	235,260
Siangtan	System	2,737	8,215	1,091	3,494
Gaoshu	System	9,894	26,851	9,083	24,686
Gaoshih	System	225	631	225	631
Sandi	System	33,381	102,943	4,820	14,842
Muzih	System	4,200	10,737	3,482	8,914
Nanhe	System	1,498	5,030	1,498	5,030
Sihchun	System	18,813	52,928	658	1,851
Singuo	System	8,182	26,995	756	2,374
Magong	System	29,512	76,175	27,588	71,230
Lun E.	System	588	1,775	588	1,775
Fangliao	System	8,527	24,826	8,527	24,826
Baolong	System	855	2,223	855	2,223
Majia	System	182	525	182	525

**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
Minsheng	System	428	1,690	428	1,575
Baolai	System	1,852	4,609	1,852	4,609
Jiasing	System	139	464	139	464
Wanan	System	763	2,613	763	2,613
Wutan	System	6,760	22,066	1,204	4,404
Laiyi	System	2,295	7,387	1,659	5,510
Beishih	System	13,222	43,304	6,124	23,777
Wutai	System	896	2,810	419	1,331
Mudan	System	78,292	223,875	78,292	223,793
Duona	System	187	606	187	606
Baisha	System	2,863	8,223	2,863	8,223
Wangan	System	2,016	5,131	1,437	3,657
Siyu	System	2,979	8,403	2,979	8,403
Cimei	System	1,364	3,755	1,364	3,755
		8,473	26,988	—	—
	<b>8th Branch</b>	166,916	457,538	165,375	453,133
Yilan	System	80,409	218,133	80,003	216,988
Luodong	System	82,145	226,368	81,302	223,983
Nanao	System	1,905	5,343	1,896	5,324
Songluo	System	684	2,142	684	2,142
Yingshih	System	329	948	151	412
Sihji	System	365	1,237	293	1,002
Nanshan	System	261	861	261	861
Dongao	System	311	975	302	955
Jinyang	System	216	598	204	564
Aohua	System	291	933	279	902
	<b>9th Branch</b>	125,361	330,911	121,582	320,087
Hualien	System	90,543	236,218	90,543	236,218
Heping	System	569	1,798	569	1,798
Shueilian	System	370	850	370	850
Fonglin	System	10,484	27,237	9,898	25,628
Fongbin	System	1,136	2,906	968	2,476
Rueisuei	System	4,093	10,468	3,976	10,169
Fuyuan	System	1,808	4,815	1,360	3,622
Gangkou	System	581	1,533	562	1,483
Yuli	System	11,027	31,594	8,880	25,141
Fuli	System	2,954	7,942	2,660	7,152
Chihnan	System	1,191	3,753	1,191	3,753
Songpu	System	605	1,797	605	1,797
	<b>10th Branch</b>	82,574	220,802	78,837	210,334
Taitung	System	45,686	122,484	45,686	122,484
Chulu	System	1,743	4,562	1,743	4,562
Luye	System	4,118	11,541	3,680	9,755
Chihshang	System	3,273	8,899	3,079	8,460

**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
Guanshan	System	3,887	11,237	3,367	9,853
Dawu	System	1,872	4,697	1,872	4,697
Jinlun	System	1,088	2,793	1,083	2,793
Taimali	System	3,124	8,156	2,918	7,620
Siadasi	System	300	717	299	717
Taiyuan	System	1,524	3,488	1,347	3,259
Senyong	System	202	436	201	436
Anshuo	System	764	1,706	764	1,706
Chenggong	System	10,467	26,698	9,590	24,339
Sinhua	System	145	374	145	374
Aiguopu	System	356	901	124	312
Lyudao	System	1,106	3,724	1,106	3,724
Lanyu	System	1,810	5,083	1,421	3,991
Tuban	System	337	955	337	950
Lidao	System	79	337	75	302
		693	2,014	—	—
	<b>11th Branch</b>	377,866	1,263,265	377,866	1,263,265
Changhua	System	116,756	379,547	116,756	379,547
Huatan	System	25,370	84,629	25,370	84,629
Beidou	System	49,814	166,493	49,814	166,493
Erlin	System	33,328	112,433	33,328	112,433
Lugang	System	33,810	122,360	33,810	122,360
Yuanlin	System	40,086	128,577	40,086	128,577
Ershuei	System	38,013	124,442	38,013	124,442
Sihu	System	40,689	144,784	40,689	144,784
	<b>12th Branch</b>	766,289	2,099,860	766,289	2,099,860
BanSin	System	766,289	2,099,860	766,289	2,099,860

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

**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>1st Branch</b>	<b>351,523</b>	<b>854,007</b>	<b>849,951</b>	<b>94.07</b>	<b>93.62</b>
Keelung System	249,146	612,280	605,287	98.42	97.29
Pinglin System	11,825	30,037	28,734	70.29	67.24
Danshuei System	81,854	184,906	189,780	91.71	94.12
Jinshan System	6,840	21,760	21,384	83.52	82.08
Wulai System	362	1,286	1,211	20.70	19.49
Shuangsi System	1,496	3,738	3,555	41.19	39.18
<b>2nd Branch</b>	<b>769,324</b>	<b>2,214,330</b>	<b>2,133,768</b>	<b>98.87</b>	<b>95.28</b>
Shihmen System	768,572	2,210,301	2,131,527	99.19	95.65
Fusing System	752	4,029	2,241	36.00	20.02
<b>3rd Branch</b>	<b>463,289</b>	<b>1,487,555</b>	<b>1,331,454</b>	<b>97.46</b>	<b>87.23</b>
Hsinchu System	267,033	770,600	744,009	100.00	96.55
Jhudong System	29,952	89,100	86,469	101.83	98.82
Jianshih System	214	2,670	713	31.38	8.38
Meihua System	13	1,070	40	118.49	4.43
Beipu System	3,350	14,000	9,631	92.57	63.68
Wufong System	320	4,920	887	88.46	15.95
Neiwan System	532	4,390	1,577	33.01	11.86
Sinpu System	6,852	30,700	21,600	91.00	64.02
Miaoli System	46,040	176,000	137,792	100.93	79.02
Dahu System	3,366	14,500	9,385	56.92	36.84
JhunanToufen System	64,047	196,100	192,959	100.08	98.48
Liyutan System	28,201	119,400	86,322	92.95	67.20
Nanjhuang System	3,765	15,025	10,319	86.98	59.73
Cyonglin System	4,987	20,780	15,457	103.05	76.65
Guan W. System	4,617	28,300	14,294	96.23	48.61
<b>4th Branch</b>	<b>1,051,935</b>	<b>3,255,603</b>	<b>3,065,062</b>	<b>98.24</b>	<b>92.49</b>
Taichung System	825,408	2,373,847	2,385,546	97.20	97.68
Sinshe System	5,736	25,500	19,024	99.92	74.55
Guguan System	—	1,200	—	14.05	—
Wufong System	16,155	63,700	52,490	98.15	80.88
Dongshih System	16,713	65,000	49,423	100.02	76.05
Jhuolan System	5,162	18,000	14,971	98.54	81.96
Lishan System	460	3,200	1,101	141.78	48.78
Puli System	21,403	96,000	59,961	120.58	75.31
Dapingding System	486	1,100	1,625	56.24	83.08
Wushe System	469	2,700	1,494	17.19	9.51
Rihyuetan System	3,617	12,800	10,140	80.28	63.60
Dehua System	192	1,200	556	124.22	57.56
Dadu System	11,377	38,104	38,026	92.28	92.09
Nantou System	38,529	135,000	114,898	109.21	92.95
Shueili System	23,522	141,250	63,491	174.53	78.45
Sinyi System	809	2,600	1,960	19.79	14.92
Dajia System	23,746	77,702	81,034	80.05	83.48

**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	5,847	21,000	19,108	106.19	96.63
Caotun	System	43,831	142,000	129,275	92.57	84.27
Pingding	System	160	500	413	98.43	81.30
Lugu	System	4,578	18,000	10,546	99.94	58.56
Dili	System	300	1,400	791	65.73	37.14
Renlun	System	144	600	446	39.24	29.17
Luonuo	System	276	1,200	859	48.15	34.47
Guosing	System	3,015	12,000	7,884	62.83	41.28
<b>5th Branch</b>		<b>488,859</b>	<b>1,479,770</b>	<b>1,388,505</b>	<b>99.98</b>	<b>93.81</b>
Chiayi	System	256,817	704,750	715,308	94.08	95.49
Wufong	System	200	1,200	600	27.40	13.70
Dapu	System	738	2,700	1,738	58.57	37.70
Yunlin	System	230,285	762,070	668,861	106.41	93.40
Alishan	System	321	4,800	810	408.51	68.94
Leye	System	498	4,250	1,188	90.81	25.38
<b>6th Branch</b>		<b>672,268</b>	<b>1,883,000</b>	<b>1,870,237</b>	<b>99.69</b>	<b>99.02</b>
Tainan	System	663,622	1,862,000	1,846,125	99.86	99.01
NansiYujing	System	8,646	21,000	24,112	86.97	99.86
<b>7th Branch</b>		<b>1,222,654</b>	<b>3,386,120</b>	<b>3,170,292</b>	<b>91.13</b>	<b>85.32</b>
Kaohsiung	System	1,006,254	2,580,000	2,569,389	97.51	97.10
Cishan	System	16,639	77,400	45,652	156.87	92.52
Maolin	System	187	850	553	65.89	42.87
Meinong	System	8,836	35,000	24,652	91.54	64.47
Guangsing	System	448	2,300	1,472	105.65	67.62
Jiasian	System	1,504	6,500	3,930	119.16	72.04
Liouguei	System	2,196	8,500	5,466	120.24	77.32
Sinwei	System	944	3,500	1,699	152.51	74.03
Jibei	System	508	1,800	1,569	114.21	99.56
Dongyuan	System	288	1,200	859	86.83	62.16
Pingtung	System	66,161	214,000	183,535	82.60	70.84
Siangtan	System	815	4,040	2,606	49.18	31.72
Gaoshu	System	7,114	28,400	19,235	105.77	71.64
Gaoshih	System	64	500	193	79.24	30.59
Sandi	System	2,924	14,900	9,074	14.47	8.81
Muzih	System	2,124	5,800	5,442	54.02	50.68
Nanhe	System	903	3,200	3,075	63.62	61.13
Sihchun	System	362	3,400	1,018	6.42	1.92
Singuo	System	157	600	518	2.22	1.92
Magong	System	27,509	70,000	71,025	91.89	93.24
Lun E.	System	271	3,500	818	197.18	46.08
Fangliao	System	4,174	12,000	12,152	48.34	48.95
Baolong	System	385	2,740	1,007	123.26	45.30
Majia	System	52	460	151	87.62	28.76

**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
Minsheng	System	127	1,700	467	100.59	27.63
Baolai	System	927	4,200	2,281	91.13	49.49
Jiasing	System	38	420	127	90.52	27.37
Wanan	System	118	1,190	456	45.54	17.45
Wutan	System	519	2,500	2,000	11.33	9.06
Laiyi	System	1,068	6,000	3,735	81.22	50.56
Beishih	System	478	20,600	1,575	47.57	3.64
Wutai	System	189	1,340	593	47.69	21.10
Mudan	System	59,684	242,000	169,768	108.10	75.83
Duona	System	105	640	331	105.61	54.62
Baisha	System	2,835	8,200	8,143	99.72	99.03
Wangan	System	1,429	3,700	3,637	72.11	70.88
Siyu	System	2,965	9,040	8,364	107.58	99.54
Cimei	System	1,353	4,000	3,725	106.52	99.20
		—	—	—	—	—
	<b>8th Branch</b>	158,948	452,390	434,723	<b>98.87</b>	<b>95.01</b>
Yilan	System	76,828	211,900	208,016	97.14	95.36
Luodong	System	79,703	228,000	219,758	100.72	97.08
Nanao	System	1,254	5,870	3,374	109.86	63.15
Songluo	System	418	1,870	1,313	87.30	61.30
Yingshih	System	33	310	100	32.70	10.55
Sihji	System	97	1,070	310	86.50	25.06
Nanshan	System	113	700	341	81.30	39.61
Dongao	System	270	1,350	842	138.46	86.36
Jinyang	System	77	600	190	100.33	31.77
Aohua	System	155	720	479	77.17	51.34
	<b>9th Branch</b>	108,586	330,800	283,363	<b>99.97</b>	<b>85.63</b>
Hualien	System	85,230	200,700	221,516	84.96	93.78
Heping	System	358	1,600	1,157	88.99	64.35
Shueilian	System	197	1,200	443	141.18	52.12
Fonglin	System	8,508	35,600	21,677	130.70	79.59
Fongbin	System	741	3,000	1,896	103.23	65.24
Rueisuei	System	3,363	15,500	8,601	148.07	82.16
Fuyuan	System	1,237	8,900	3,294	184.84	68.41
Gangkou	System	413	800	1,090	52.19	71.10
Yuli	System	5,978	50,300	16,581	159.21	52.48
Fuli	System	1,843	7,500	4,955	94.43	62.39
Chihnan	System	465	3,900	1,402	103.92	37.36
Songpu	System	253	1,800	751	100.17	41.79
	<b>10th Branch</b>	66,401	220,080	177,346	<b>99.67</b>	<b>80.32</b>
Taitung	System	41,819	126,200	112,170	103.03	91.58
Chulu	System	928	4,030	2,441	88.34	53.51
Luye	System	3,127	14,400	8,573	124.77	74.28
Chihshang	System	2,967	13,400	7,935	150.58	89.17



**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
Guanshan	System	2,978	12,550	8,467	111.68	75.35
Dawu	System	1,447	5,500	3,604	117.10	76.73
Jinlun	System	730	1,960	1,836	70.18	65.74
Taimali	System	2,186	6,590	5,606	80.80	68.73
Siadasi	System	251	970	592	135.29	82.57
Taiyuan	System	582	1,560	1,315	44.72	37.70
Senyong	System	89	600	213	137.61	48.85
Anshuo	System	399	1,900	979	111.37	57.39
Chenggong	System	7,128	20,840	18,252	78.06	68.36
Sinhua	System	86	500	209	133.69	55.88
Aiguopu	System	105	500	262	55.49	29.08
Lyudao	System	766	3,380	2,579	90.76	69.25
Lanyu	System	587	3,300	1,648	64.92	32.42
Tuban	System	158	1,300	384	136.13	40.21
Lidao	System	68	600	281	178.04	83.38
		—	—	—	—	—
	<b>11th Branch</b>	359,458	1,248,800	1,201,518	<b>98.85</b>	<b>95.11</b>
Changhua	System	110,630	336,350	359,548	88.62	94.73
Huatan	System	23,299	85,500	77,738	101.03	91.86
Beidou	System	48,559	191,950	162,182	115.29	97.41
Erlin	System	30,726	118,500	103,738	105.40	92.27
Lugang	System	33,416	131,100	120,908	107.14	98.81
Yuanlin	System	39,303	130,000	126,063	101.11	98.04
Ershuei	System	35,975	114,800	117,641	92.25	94.53
Sihu	System	37,550	140,600	133,700	97.11	92.34
	<b>12th Branch</b>	759,413	2,087,598	2,080,912	<b>99.42</b>	<b>99.10</b>
BanSin	System	759,413	2,087,598	2,080,912	99.42	99.10

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
New Taipei City	1,023,320	2,727,364	1,016,819	2,710,543
Banqiao District	206,794	552,285	206,794	552,285
Sanchong District	3,662	9,626	3,662	9,626

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
Zhonghe District	32,495	86,221	32,495	86,221
Xinzhuang District	150,767	414,156	150,767	414,156
Shulin District	66,035	184,400	66,035	184,400
Yingge District	29,565	87,231	29,565	87,231
Sanxia District	41,992	114,180	41,992	114,180
Danshui District	72,432	165,765	72,432	165,765
Xizhi District	76,722	178,072	75,868	176,090
Ruifang District	16,168	40,600	16,085	40,392
Tucheng District	86,503	238,500	86,503	238,500
Luzhou District	70,235	200,702	70,235	200,702
Wugu District	30,747	84,134	30,747	84,134
Taishan District	28,230	78,817	28,230	78,817
Linkou District	40,537	103,219	39,613	100,869
Shenkeng District	9,548	23,683	9,548	23,683
Shiding District	3,364	7,736	2,840	6,531
Pinglin District	2,520	6,538	1,225	3,178
Sanzhi District	9,431	23,369	8,838	21,900
Shimen District	4,305	12,496	4,068	11,808
Bali District	14,309	38,167	14,309	38,167
Pingxi District	2,328	4,778	2,130	4,372
Shuangxi District	3,819	9,074	3,203	7,610
Gongliao District	4,412	12,706	4,178	12,032
Jinshan District	7,078	22,207	6,884	21,598
Wanli District	7,465	22,490	7,165	21,586
Wulai District	1,857	6,212	1,408	4,710
<b>Taoyuan County</b>	<b>770,894</b>	<b>2,147,763</b>	<b>763,071</b>	<b>2,124,902</b>
Taoyuan District	162,843	434,243	162,843	434,243
Zhongli District	145,057	396,453	145,039	396,404
Pingzhen District	75,900	221,587	75,895	221,573
Bade District	68,293	192,922	68,293	192,922
Yangmei District	56,367	163,959	56,367	163,959
Daxi District	31,872	94,102	31,872	94,102
Luzhu District	56,821	158,802	56,821	158,802
Dayuan District	31,533	87,158	29,961	82,791
Guishan District	59,258	152,817	59,258	152,817
Longtan District	41,032	120,201	39,627	116,085
Xinwu District	16,006	48,772	16,006	48,772
Guanyin District	22,156	65,555	19,737	58,403
Fuxing District	3,756	11,192	1,352	4,029
<b>Taichung City</b>	<b>944,624</b>	<b>2,767,239</b>	<b>934,630</b>	<b>2,736,810</b>
Central District	7,978	18,708	7,978	18,708
East District	27,613	75,396	27,613	75,396
South District	47,493	123,502	47,493	123,502
West District	45,505	115,747	45,505	115,747
North District	59,011	147,585	59,011	147,585
Xitun District	84,391	224,601	84,391	224,601
Nantun District	60,928	166,685	60,928	166,685

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
Beitun District	97,807	270,547	97,807	270,547
Fengyuan District	53,191	166,778	53,191	166,778
Dongshi District	17,363	50,952	17,363	50,952
Dajia District	22,924	77,656	20,885	70,749
Qingshui District	26,851	86,350	26,851	86,350
Shalu District	28,835	91,338	28,835	91,338
Wuqi District	17,506	57,645	17,506	57,645
Houli District	15,977	54,332	15,965	54,291
Shengang District	19,259	65,496	19,259	65,496
Tanzi District	35,955	107,530	35,955	107,530
Daya District	29,107	94,488	28,647	92,996
Xinshe District	7,542	24,947	6,834	22,605
Shigang District	4,899	15,174	4,896	15,165
Waipu District	9,616	32,034	9,372	31,228
Da'an District	5,451	19,409	5,265	18,747
Wuri District	23,916	73,647	23,615	72,720
Dadu District	17,450	57,207	17,450	57,207
Longjing District	22,690	77,236	22,690	77,236
Wufeng District	19,974	64,898	16,947	55,063
Taiping District	62,179	186,271	61,858	185,309
Dali District	68,703	210,285	68,703	210,285
Heping District	4,510	10,795	1,817	4,349
<b>Tainan City</b>	<b>678,158</b>	<b>1,886,033</b>	<b>678,158</b>	<b>1,886,033</b>
Xinying District	28,879	78,101	28,879	78,101
Yanshui District	10,086	25,871	10,086	25,871
Baihe District	10,836	28,819	10,836	28,819
Liuying District	7,873	21,520	7,873	21,520
Houbi District	8,881	24,066	8,881	24,066
Dongshan District	8,453	21,320	8,453	21,320
Madou District	15,716	44,812	15,716	44,812
Xiaying District	9,115	24,508	9,115	24,508
Liujia District	7,711	22,406	7,711	22,406
Guantian District	7,880	21,535	7,880	21,535
Danei District	3,895	9,962	3,895	9,962
Jiali District	20,546	59,458	20,546	59,458
Xuejia District	9,662	26,377	9,662	26,377
Xigang District	8,155	24,870	8,155	24,870
Qigu District	8,053	23,172	8,053	23,172
Jiangjun District	7,315	20,051	7,315	20,051
Beimen District	4,279	11,333	4,279	11,333
Xinhua District	14,354	43,727	14,354	43,727
Shanhua District	17,254	47,660	17,254	47,660
Xinshi District	12,034	36,268	12,034	36,268
Anding District	9,979	30,447	9,979	30,447
Shanshang District	2,690	7,359	2,690	7,359
Yujing District	5,134	14,281	5,134	14,281
Nanxi District	3,533	9,898	3,533	9,898
Nanhua District	2,872	8,838	2,872	8,838

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
Zuozhen District	1,982	4,980	1,982	4,980
Rende District	27,270	74,637	27,270	74,637
Guiren District	22,518	68,170	22,518	68,170
Guanmiao District	11,064	34,601	11,064	34,601
Longqi District	1,551	4,107	1,551	4,107
Yongkang District	82,867	232,210	82,867	232,210
East District	71,835	187,834	71,835	187,834
South District	45,345	125,768	45,345	125,768
North District	50,561	133,091	50,561	133,091
Annan District	62,086	191,196	62,086	191,196
Anping District	25,179	65,813	25,179	65,813
West Central District	30,715	76,967	30,715	76,967
<b>Kaohsiung City</b>	<b>1,083,002</b>	<b>2,779,371</b>	<b>1,069,706</b>	<b>2,740,853</b>
Yancheng District	10,833	24,659	10,833	24,659
Gushan District	57,286	138,099	57,286	138,099
Zuoying District	78,421	196,936	78,421	196,936
Nanzi District	69,012	181,845	66,156	174,320
Sanmin District	136,056	344,888	136,056	344,888
Xinxing District	22,715	51,431	22,715	51,431
Qianjin District	12,554	27,151	12,554	27,151
Lingya District	72,227	172,895	72,227	172,895
Qianzhen District	78,566	191,262	78,566	191,262
Qijin District	11,112	28,898	11,112	28,898
Xiaogang District	67,351	157,023	67,351	157,023
Fengshan District	138,800	357,768	138,800	357,768
Linyuan District	25,738	70,201	25,738	70,201
Daliao District	41,897	112,258	38,245	102,473
Dashu District	13,548	43,067	9,175	29,166
Dashe District	12,842	34,615	12,842	34,615
Renwu District	32,122	84,122	32,122	84,122
Niaosong District	18,091	44,265	18,091	44,265
Gangshan District	34,866	97,643	34,866	97,643
Qiaotou District	13,444	37,448	13,444	37,448
Yanchao District	10,453	29,960	10,453	29,960
Tianliao District	3,307	7,340	3,307	7,340
Alian District	9,407	29,093	9,407	29,093
Luzhu District	16,946	53,007	16,946	53,007
Hunei District	10,751	29,876	10,751	29,876
Qieding District	10,491	30,412	10,491	30,412
Yong'an District	5,745	14,039	5,745	14,039
Mituo District	6,784	19,555	6,784	19,555
Ziguan District	12,594	36,252	12,594	36,252
Qishan District	13,804	37,342	13,804	37,342
Meinong District	14,667	40,399	14,667	40,399
Liugui District	5,563	13,217	5,399	12,827
Jiaxian District	2,342	6,214	2,342	6,214
Shanlin District	4,806	12,201	4,088	10,378
Neimen District	5,101	14,743	5,101	14,743

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
Maolin District	585	1,896	585	1,896
Taoyuan District	1,324	4,220	214	682
Namaxia District	851	3,131	428	1,575
<b>Yilan County</b>	<b>166,916</b>	<b>457,538</b>	<b>165,375</b>	<b>453,133</b>
Yilan City	35,961	95,907	35,961	95,907
Luodong Township	26,278	72,485	26,132	72,082
Su'ao Township	14,149	40,493	13,994	40,049
Toucheng Township	10,208	29,666	10,208	29,666
Jiaoxi Township	13,871	35,948	13,771	35,689
Zhuangwei Township	8,713	24,236	8,713	24,236
Yuanshan Township	11,656	32,376	11,350	31,526
Dongshan Township	19,099	53,327	18,840	52,604
Wujie Township	14,719	39,657	14,550	39,202
Sanxing Township	8,448	21,422	8,402	21,305
Datong Township	1,886	6,083	1,574	5,077
Nan'ao Township	1,928	5,938	1,880	5,790
<b>Hsinchu County</b>	<b>187,439</b>	<b>547,481</b>	<b>176,176</b>	<b>513,360</b>
Zhubei City	63,240	176,604	63,240	176,604
Guanxi Township	9,499	29,408	7,764	24,037
Xinpu Township	10,702	33,737	9,443	29,768
Zhudong Township	33,494	96,817	33,494	96,817
Hukou Township	26,187	77,524	26,187	77,524
Hengshan Township	4,487	13,298	714	2,116
Xinfeng Township	18,170	56,452	18,170	56,452
Qionglin Township	6,506	20,165	5,952	18,448
Baoshan Township	5,355	14,378	5,355	14,378
Beipu Township	3,127	9,531	2,669	8,135
Emei Township	2,089	5,593	1,588	4,252
Jianshi Township	2,839	9,412	921	3,053
Wufeng Township	1,744	4,562	679	1,776
<b>Miaoli County</b>	<b>185,915</b>	<b>559,189</b>	<b>175,810</b>	<b>529,319</b>
Miaoli City	31,013	89,892	31,013	89,892
Toufen City	33,985	103,157	33,985	103,157
Yuanli Township	14,567	47,040	12,712	41,050
Tongxiao Township	11,559	35,433	10,135	31,068
Zhunan Township	28,507	85,010	28,507	85,010
Houlong Township	11,892	37,251	11,605	36,475
Zhuolan Township	6,082	17,612	6,082	17,612
Dahu Township	5,403	15,070	4,372	12,194
Gongguan Township	10,673	34,210	9,693	31,069
Tongluo Township	6,165	18,465	6,165	18,465
Nanzhuang Township	3,958	10,391	3,101	8,141
Touwu Township	3,666	11,102	3,325	10,069
Sanyi Township	5,584	16,813	5,402	16,265
Xihu Township	2,662	7,288	2,533	6,935
Zaoqiao Township	4,122	13,166	4,122	13,166

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
Sanwan Township	2,401	6,884	2,401	6,884
Shitan Township	1,721	4,475	290	754
Tai'an Township	1,955	5,930	367	1,113
<b>Changhua County</b>	<b>384,700</b>	<b>1,287,146</b>	<b>380,323</b>	<b>1,271,644</b>
Changhua City	75,982	234,690	75,982	234,690
Yuanlin City	38,982	124,932	38,982	124,932
Lugang Township	24,339	86,709	24,339	86,709
Hemei Township	26,551	91,162	26,551	91,162
Beidou Township	10,577	33,253	10,577	33,253
Xihu Township	16,247	55,675	16,247	55,675
Tianzhong Township	13,095	42,152	13,095	42,152
Erlin Township	14,974	51,516	14,974	51,516
Xianxi Township	4,378	16,939	4,378	16,939
Shengang Township	9,845	36,756	9,845	36,756
Fuxing Township	12,664	47,479	12,664	47,479
Xiushui Township	10,617	39,344	10,617	39,344
Huatan Township	14,006	46,142	14,006	46,142
Fenyuan Township	6,834	23,881	2,457	8,379
Dacun Township	11,039	36,762	11,039	36,762
Puyan Township	9,036	32,782	9,036	32,782
Puxin Township	10,488	34,788	10,488	34,788
Yongjing Township	10,933	37,773	10,933	37,773
Shetou Township	12,856	43,342	12,856	43,342
Ershui Township	5,317	15,500	5,317	15,500
Tianwei Township	7,914	27,567	7,914	27,567
Pitou Township	9,008	30,797	9,008	30,797
Fangyuan Township	10,136	34,039	10,136	34,039
Dacheng Township	5,294	17,284	5,294	17,284
Zhutang Township	4,626	15,491	4,626	15,491
Xizhou Township	8,962	30,391	8,962	30,391
<b>Nantou County</b>	<b>177,466</b>	<b>505,163</b>	<b>160,299</b>	<b>455,934</b>
Nantou City	34,639	100,960	34,639	100,960
Puli Township	28,993	81,574	24,929	70,140
Caotun Township	33,011	98,431	33,011	98,431
Zhushan Township	20,048	55,493	19,224	53,223
Jiji Township	4,308	11,035	4,308	11,035
Mingjian Township	12,618	39,220	12,618	39,220
Lugu Township	7,818	18,010	7,030	16,195
Zhongliao Township	5,649	15,083	5,649	15,083
Yuchi Township	5,749	16,154	5,010	14,077
Guoxing Township	7,303	19,098	3,443	9,004
Shuili Township	7,162	18,015	6,762	17,007
Xinyi Township	5,236	16,381	2,644	8,272
Ren'ai Township	4,932	15,709	1,032	3,287
<b>Yunlin County</b>	<b>239,481</b>	<b>694,873</b>	<b>239,234</b>	<b>694,158</b>
Douliu City	37,868	108,401	37,812	108,240
Dounan Township	15,821	45,227	15,819	45,221
Huwei Township	24,755	70,815	24,755	70,815
Xiluo Township	14,598	46,597	14,598	46,597

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
Tuku Township	9,315	29,275	9,315	29,275
Beigang Township	15,922	40,658	15,922	40,658
Gukeng Township	10,961	31,995	10,772	31,447
Dapi Township	6,708	19,480	6,708	19,480
Citong Township	9,314	29,089	9,314	29,089
Linnei Township	5,978	18,453	5,978	18,453
Erlun Township	8,920	27,518	8,920	27,518
Lunbei Township	8,519	25,083	8,519	25,083
Mailiao Township	14,178	45,126	14,178	45,126
Dongshi Township	5,714	15,120	5,714	15,120
Baozhong Township	4,450	13,167	4,450	13,167
Taixi Township	8,727	24,212	8,727	24,212
Yuanchang Township	9,308	26,361	9,308	26,361
Sihu Township	8,856	24,151	8,856	24,151
Kouhu Township	9,534	28,074	9,534	28,074
Shuilin Township	10,035	26,071	10,035	26,071
<b>Chiayi County</b>	<b>182,488</b>	<b>515,320</b>	<b>177,560</b>	<b>501,230</b>
Taibao City	12,664	37,497	12,664	37,497
Puzi City	15,635	42,585	15,635	42,585
Budai Township	9,996	27,509	9,996	27,509
Dalin Township	11,359	31,379	11,359	31,379
Minxiong Township	24,683	71,834	24,683	71,834
Xikou Township	5,372	14,933	5,372	14,933
Xingang Township	10,658	32,385	10,658	32,385
Liujiiao Township	8,928	23,787	8,928	23,787
Dongshi Township	9,290	25,307	9,290	25,307
Yizhu Township	7,464	18,822	7,464	18,822
Lucao Township	5,784	15,808	5,784	15,808
Shuishang Township	18,020	50,084	18,020	50,084
Zhongpu Township	15,954	45,395	15,302	43,463
Zhuqi Township	11,733	36,226	10,934	34,091
Meishan Township	6,776	19,800	4,620	13,500
Fanlu Township	4,279	11,695	3,862	10,536
Dapu Township	1,940	4,610	1,749	4,092
Alishan Township	1,953	5,664	1,240	3,618
<b>Pingtung County</b>	<b>285,804</b>	<b>835,792</b>	<b>202,099</b>	<b>578,582</b>
Pingtung City	73,990	201,644	72,252	196,907
Chaozhou Township	19,401	54,703	1,246	3,513
Donggang Township	16,636	48,097	16,636	48,097
Hengchun Township	11,514	30,783	11,514	30,783
Wandan Township	14,880	51,261	6,469	22,285
Changzhi Township	10,098	30,159	5,704	17,036
Linluo Township	3,781	11,125	1,647	4,846
Jiuru Township	6,940	22,083	—	—
Ligang Township	8,182	26,995	756	2,494
Yanpu Township	7,844	26,199	984	3,287
Gaoshu Township	9,320	24,882	8,509	22,717



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
Wanluan Township	6,501	20,609	945	2,996
Neipu Township	18,564	55,181	4,806	14,286
Zhutian Township	5,640	17,351	400	1,231
Xinpi Township	3,424	9,927	1,142	3,311
Fangliao Township	8,527	24,826	8,527	24,826
Xinyuan Township	11,781	35,680	11,781	35,680
Kanding Township	4,477	15,916	4,477	15,916
Linbian Township	6,782	18,317	6,782	18,317
Nanzhou Township	3,720	10,808	3,720	10,808
Jiadong Township	6,988	19,689	6,988	19,689
Liuqiu Township	4,432	12,423	4,432	12,423
Checheng Township	3,480	8,741	3,480	8,741
Manzhou Township	3,017	7,847	3,017	7,847
Fangshan Township	2,117	5,535	2,117	5,535
Sandimen Township	2,306	7,662	2,306	7,662
Wutai Township	1,053	3,285	1,053	3,285
Majia Township	2,045	6,773	2,045	6,773
Taiwu Township	1,331	5,262	1,331	5,262
Laiyi Township	2,233	7,494	2,233	7,494
Chunri Township	1,367	4,855	1,367	4,855
Shizi Township	1,545	4,827	1,545	4,827
Mudan Township	1,888	4,853	1,888	4,853
<b>Taitung County</b>	<b>82,574</b>	<b>220,802</b>	<b>78,837</b>	<b>210,334</b>
Taitung City	39,531	106,368	39,531	106,368
Chenggong Township	5,408	14,411	5,087	13,556
Guanshan Township	3,188	8,811	2,893	7,996
Beinan Township	6,670	17,443	6,670	17,443
Dawu Township	2,504	6,238	2,280	5,680
Taimali Township	4,672	11,304	4,303	10,434
Donghe Township	3,771	8,686	3,266	7,531
Changbin Township	2,920	7,399	2,692	6,821
Luye Township	3,053	8,018	2,878	7,558
Chishang Township	3,214	8,375	3,110	8,104
Lyudao Township	1,106	3,724	1,106	3,724
Yanping Township	1,065	3,523	765	2,531
Haiduan Township	1,090	4,283	555	2,181
Daren Township	1,451	3,524	1,172	2,846
Jinfeng Township	1,121	3,612	1,108	3,570
Lanyu Township	1,810	5,083	1,421	3,991
<b>Hualien County</b>	<b>125,361</b>	<b>330,911</b>	<b>121,582</b>	<b>320,087</b>
Hualien City	41,465	105,034	41,465	105,034
Fenglin Township	4,395	11,004	4,350	10,891
Yuli Township	8,891	24,740	7,224	20,101
Xincheng Township	7,678	20,274	7,678	20,274
Ji'an Township	31,766	83,656	31,766	83,656
Shoufeng Township	7,114	18,146	7,044	17,990
Guangfu Township	5,041	13,032	4,524	11,695

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
Fengbin Township	1,717	4,439	1,494	3,862
Ruisui Township	4,730	11,757	4,674	11,622
Fuli Township	4,007	10,557	3,706	9,764
Xiulin Township	4,779	15,796	4,779	15,796
Wanrong Township	2,090	6,440	1,780	5,476
Zhuoxi Township	1,688	6,036	1,098	3,926
<b>Penghu County</b>	<b>39,244</b>	<b>103,263</b>	<b>36,741</b>	<b>96,844</b>
Magong City	24,023	61,740	22,099	56,795
Huxi Township	5,489	14,435	5,489	14,435
Baisha Township	3,373	9,799	3,373	9,799
Xiyu Township	2,979	8,403	2,979	8,403
Wang'an Township	2,016	5,131	1,437	3,657
Qimei Township	1,364	3,755	1,364	3,755
<b>Keelung City</b>	<b>151,881</b>	<b>372,100</b>	<b>151,881</b>	<b>372,100</b>
Zhongzheng District	22,545	52,572	22,545	52,572
Qidu District	21,258	54,103	21,258	54,103
Nuannuan District	15,530	38,407	15,530	38,407
Ren'ai District	19,272	45,021	19,272	45,021
Zhongshan District	19,244	48,115	19,244	48,115
Anle District	32,972	82,014	32,972	82,014
Xinyi District	21,060	51,868	21,060	51,868
<b>Hsinchu City</b>	<b>160,460</b>	<b>437,337</b>	<b>160,460</b>	<b>437,337</b>
East District	77,856	209,826	77,856	209,826
North District	55,828	149,993	55,828	149,993
Xiangshan District	26,776	77,518	26,776	77,518
<b>Chiayi City</b>	<b>98,947</b>	<b>269,874</b>	<b>98,947</b>	<b>269,874</b>
East District	45,383	122,462	45,383	122,462
West District	53,564	147,412	53,564	147,412

Table 7 Number and Percentage of population Served

Unit: No. of Household: Household  
Population: Persons

(2) Classified by Township(District)

Period & TownShip	Actual Population Served		Actual Percentage of population Served (%)
	No. of Households	Population (B)	$C=B/A \times 100$
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
New Taipei City	992,476	2,644,913	96.98
Banqiao District	205,042	547,603	99.15
Sanchong District	3,619	9,513	98.83

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 (%)
	No. of Households	Population (B)	C=B/A×100
Zhonghe District	32,284	85,661	99.35
Xinzhuang District	148,946	409,157	98.79
Shulin District	65,410	182,658	99.06
Yingge District	28,980	85,505	98.02
Sanxia District	41,860	113,821	99.69
Danshui District	71,816	164,355	99.15
Xizhi District	75,867	176,088	98.89
Ruifang District	14,852	37,295	91.86
Tucheng District	86,123	237,452	99.56
Luzhou District	69,259	197,913	98.61
Wugu District	30,731	84,077	99.93
Taishan District	28,193	78,694	99.84
Linkou District	37,449	95,364	92.39
Shenkeng District	9,361	23,219	98.04
Shiding District	976	2,244	29.01
Pinglin District	401	1,040	15.91
Sanzhi District	8,739	21,654	92.66
Shimen District	1,299	3,771	30.18
Bali District	14,013	37,377	97.93
Pingxi District	1,087	2,231	46.69
Shuangxi District	1,496	3,555	39.18
Gongliao District	2,686	7,735	60.88
Jinshan District	5,590	17,538	78.98
Wanli District	6,035	18,182	80.84
Wulai District	362	1,211	19.49
<b>Taoyuan County</b>	<b>736,828</b>	<b>2,049,885</b>	<b>95.44</b>
Taoyuan District	159,082	424,214	97.69
Zhongli District	144,197	394,103	99.41
Pingzhen District	73,482	214,327	96.72
Bade District	67,607	190,985	99.00
Yangmei District	50,395	146,588	89.41
Daxi District	27,955	82,537	87.71
Luzhu District	56,209	157,092	98.92
Dayuan District	28,040	77,461	88.87
Guishan District	57,625	148,601	97.24
Longtan District	37,443	109,687	91.25
Xinwu District	14,980	45,646	93.59
Guanyin District	19,061	56,403	86.04
Fuxing District	752	2,241	20.02
<b>Taichung City</b>	<b>905,642</b>	<b>2,646,352</b>	<b>95.63</b>
Central District	7,965	18,678	99.84
East District	27,428	74,891	99.33
South District	47,484	123,479	99.98
West District	45,478	115,678	99.94
North District	58,976	147,497	99.94
Xitun District	84,003	223,568	99.54
Nantun District	60,910	166,636	99.97

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 (%)
	No. of Households	Population (B)	C=B/A×100
Beitun District	97,778	270,467	99.97
Fengyuan District	52,804	165,565	99.27
Dongshi District	14,026	41,160	80.78
Dajia District	20,316	68,821	88.62
Qingshui District	19,919	64,044	74.17
Shalu District	28,328	89,689	98.19
Wuqi District	17,249	56,792	98.52
Houli District	15,960	54,274	99.89
Shengang District	19,128	65,048	99.32
Tanzi District	35,608	106,492	99.03
Daya District	28,333	91,978	97.34
Xinshe District	5,545	18,341	73.52
Shigang District	3,066	9,510	62.67
Waipu District	8,686	28,870	90.12
Da'an District	3,430	12,213	62.92
Wuri District	23,015	70,872	96.23
Dadu District	17,085	56,010	97.91
Longjing District	22,243	75,714	98.03
Wufeng District	16,155	52,490	80.88
Taiping District	59,500	178,245	95.69
Dali District	64,764	198,229	94.27
Heping District	460	1,101	10.20
<b>Tainan City</b>	<b>671,593</b>	<b>1,868,264</b>	<b>99.06</b>
Xinying District	28,876	78,093	99.99
Yanshui District	10,000	25,650	99.15
Baihe District	10,403	27,667	96.00
Liuying District	7,500	20,500	95.26
Houbi District	8,637	23,405	97.25
Dongshan District	7,035	17,744	83.23
Madou District	15,587	44,444	99.18
Xiaying District	8,896	23,919	97.60
Liuja District	7,675	22,301	99.53
Guantian District	7,802	21,322	99.01
Danei District	3,363	8,601	86.34
Jiali District	20,309	58,772	98.85
Xuejia District	9,422	25,722	97.52
Xigang District	7,995	24,382	98.04
Qigu District	7,771	22,361	96.50
Jiangjun District	7,102	19,467	97.09
Beimen District	4,108	10,880	96.00
Xinhua District	14,334	43,666	99.86
Shanhua District	17,247	47,641	99.96
Xinshi District	12,029	36,253	99.96
Anding District	9,959	30,386	99.80
Shanshang District	2,646	7,239	98.37
Yujing District	5,124	14,253	99.80
Nanxi District	3,531	9,892	99.94
Nanhua District	2,683	8,256	93.41

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 (%)
	No. of Households	Population (B)	C=B/A×100
Zuozhen District	1,969	4,947	99.34
Rende District	27,260	74,610	99.96
Guiren District	22,505	68,131	99.94
Guanmiao District	10,860	33,963	98.16
Longqi District	1,160	3,087	75.16
Yongkang District	82,437	231,005	99.48
East District	71,746	187,601	99.88
South District	45,289	125,613	99.88
North District	50,499	132,928	99.88
Annan District	62,009	190,959	99.88
Anping District	25,148	65,732	99.88
West Central District	30,677	76,872	99.88
<b>Kaohsiung City</b>	<b>1,040,944</b>	<b>2,663,024</b>	<b>95.81</b>
Yancheng District	10,781	24,541	99.52
Gushan District	57,144	137,757	99.75
Zuoying District	78,097	196,124	99.59
Nanzi District	65,540	172,696	94.97
Sanmin District	135,672	343,915	99.72
Xinxing District	22,653	51,291	99.73
Qianjin District	12,522	27,082	99.75
Lingya District	71,991	172,330	99.67
Qianzhen District	78,373	190,792	99.75
Qijin District	11,057	28,755	99.51
Xiaogang District	67,169	156,599	99.73
Fengshan District	137,512	354,448	99.07
Linyuan District	22,852	62,329	88.79
Daliao District	36,275	97,195	86.58
Dashu District	8,262	26,264	60.98
Dashe District	12,709	34,257	98.97
Renwu District	32,083	84,020	99.88
Niaosong District	16,380	40,079	90.54
Gangshan District	34,521	96,677	99.01
Qiaotou District	13,289	37,016	98.85
Yanchao District	10,035	28,762	96.00
Tianliao District	3,075	6,825	92.98
Alian District	8,715	26,953	92.64
Luzhu District	16,699	52,234	98.54
Hunei District	10,024	27,856	93.24
Qieding District	9,242	26,791	88.09
Yong'an District	4,840	11,827	84.24
Mituo District	6,537	18,843	96.36
Ziguan District	12,205	35,131	96.91
Qishan District	13,036	35,264	94.44
Meinong District	8,914	24,480	60.60
Liugui District	3,829	9,097	68.83
Jiaxian District	1,683	4,465	71.85
Shanlin District	2,330	5,915	48.48
Neimen District	4,278	12,360	83.84

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 (%)
	No. of Households	Population (B)	C=B/Ax100
Maolin District	292	946	49.89
Taoyuan District	201	641	15.19
Namaxia District	127	467	14.92
<b>Yilan County</b>	<b>158,948</b>	<b>434,723</b>	<b>95.01</b>
Yilan City	35,697	95,203	99.27
Luodong Township	26,058	71,878	99.16
Su'ao Township	13,410	38,378	94.78
Toucheng Township	8,394	24,394	82.23
Jiaoxi Township	13,674	35,437	98.58
Zhuangwei Township	8,232	22,898	94.48
Yuanshan Township	10,831	30,084	92.92
Dongshan Township	18,762	52,386	98.24
Wujie Township	14,542	39,180	98.80
Sanxing Township	7,392	18,750	87.53
Datong Township	757	2,442	40.14
Nan'ao Township	1,199	3,693	62.19
<b>Hsinchu County</b>	<b>159,085</b>	<b>461,956</b>	<b>84.38</b>
Zhubei City	61,136	170,728	96.67
Guanxi Township	4,617	14,294	48.61
Xinpu Township	6,852	21,600	64.02
Zhudong Township	32,804	94,818	97.94
Hukou Township	23,399	69,270	89.35
Hengshan Township	532	1,577	11.86
Xinfeng Township	16,516	51,313	90.90
Qionglin Township	4,987	15,457	76.65
Baoshan Township	4,520	12,136	84.41
Beipu Township	1,785	5,441	57.09
Emei Township	1,565	4,190	74.92
Jianshi Township	227	753	8.00
Wufeng Township	145	379	8.31
<b>Miaoli County</b>	<b>150,381</b>	<b>451,148</b>	<b>80.68</b>
Miaoli City	30,973	89,776	99.87
Toufen City	33,659	102,167	99.04
Yuanli Township	8,029	25,927	55.12
Tongxiao Township	8,316	25,492	71.94
Zhunan Township	28,021	83,561	98.30
Houlong Township	8,939	28,010	75.19
Zhuolan Township	4,944	14,317	81.29
Dahu Township	3,254	9,076	60.23
Gongguan Township	3,490	11,186	32.70
Tongluo Township	4,383	13,128	71.10
Nanzhuang Township	1,967	5,164	49.70
Touwu Township	2,239	6,781	61.08
Sanyi Township	4,949	14,901	88.63
Xihu Township	1,596	4,370	59.96
Zaoqiao Township	3,712	11,828	89.84

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 (%)
	No. of Households	Population (B)	C=B/A×100
Sanwan Township	1,798	5,155	74.88
Shitan Township	70	182	4.07
Tai'an Township	42	127	2.14
<b>Changhua County</b>	<b>360,471</b>	<b>1,204,842</b>	<b>93.61</b>
Changhua City	71,371	220,448	93.93
Yuanlin City	38,252	122,592	98.13
Lugang Township	24,186	86,164	99.37
Hemei Township	26,443	90,791	99.59
Beidou Township	10,514	33,054	99.40
Xihu Township	15,623	53,538	96.16
Tianzhong Township	12,798	41,196	97.73
Erlin Township	13,489	46,358	89.99
Xianxi Township	3,398	13,147	77.61
Shengang Township	9,418	35,162	95.66
Fuxing Township	12,344	46,279	97.47
Xiushui Township	10,459	38,756	98.51
Huatan Township	12,875	42,416	91.92
Fenyuan Township	1,013	3,324	13.92
Dacun Township	10,177	33,888	92.18
Puyan Township	7,988	28,980	88.40
Puxin Township	10,365	34,376	98.82
Yongjing Township	9,924	34,288	90.77
Shetou Township	12,349	41,633	96.06
Ershui Township	4,996	14,564	93.96
Tianwei Township	7,682	26,745	97.02
Pitou Township	8,770	29,973	97.32
Fangyuan Township	9,286	31,185	91.62
Dacheng Township	4,527	14,780	85.51
Zhutang Township	3,994	13,375	86.34
Xizhou Township	8,230	27,830	91.57
<b>Nantou County</b>	<b>140,318</b>	<b>401,015</b>	<b>79.38</b>
Nantou City	33,613	97,967	97.04
Puli Township	21,889	61,586	75.50
Caotun Township	32,450	96,758	98.30
Zhushan Township	14,983	41,434	74.67
Jiji Township	3,568	9,139	82.82
Mingjian Township	12,224	37,995	96.88
Lugu Township	4,578	10,546	58.56
Zhongliao Township	3,210	8,563	56.77
Yuchi Township	3,783	10,630	65.80
Guoxing Township	3,015	7,884	41.28
Shuili Township	5,591	14,063	78.06
Xinyi Township	945	2,956	18.05
Ren'ai Township	469	1,494	9.51
<b>Yunlin County</b>	<b>225,422</b>	<b>654,672</b>	<b>94.21</b>
Douliu City	37,736	108,022	99.65
Dounan Township	15,725	44,954	99.40
Huwei Township	24,668	70,566	99.65
Xiluo Township	14,507	46,307	99.38



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 (%)
	No. of Households	Population (B)	C=B/A×100
Tuku Township	9,108	28,625	97.78
Beigang Township	15,131	38,638	95.03
Gukeng Township	9,896	28,903	90.34
Dapi Township	6,668	19,364	99.40
Citong Township	9,291	29,017	99.75
Linnei Township	5,959	18,394	99.68
Erlun Township	8,813	27,188	98.80
Lunbei Township	8,465	24,924	99.37
Mailiao Township	11,365	36,173	80.16
Dongshi Township	5,111	13,524	89.44
Baozhong Township	4,166	12,327	93.62
Taixi Township	7,094	19,685	81.30
Yuanchang Township	8,595	24,341	92.34
Sihu Township	7,327	19,977	82.72
Kouhu Township	7,795	22,954	81.76
Shuilin Township	8,002	20,789	79.74
<b>Chiayi County</b>	<b>164,619</b>	<b>464,311</b>	<b>90.10</b>
Taibao City	12,503	37,019	98.73
Puzi City	15,535	42,313	99.36
Budai Township	9,447	25,998	94.51
Dalin Township	11,318	31,269	99.65
Minxiong Township	24,608	71,602	99.68
Xikou Township	5,206	14,479	96.96
Xingang Township	10,439	31,720	97.95
Liujiiao Township	8,774	23,377	98.28
Dongshi Township	8,317	22,656	89.52
Yizhu Township	6,178	15,579	82.77
Lucao Township	5,124	13,970	88.37
Shuishang Township	17,995	50,015	99.86
Zhongpu Township	11,932	33,435	73.65
Zhuqi Township	8,381	26,055	71.92
Meishan Township	4,356	12,729	64.29
Fanlu Township	3,230	8,799	75.24
Dapu Township	738	1,738	37.70
Alishan Township	538	1,558	27.51
<b>Pingtung County</b>	<b>145,786</b>	<b>412,778</b>	<b>49.39</b>
Pingtung City	61,142	166,630	82.64
Chaozhou Township	633	1,785	3.26
Donggang Township	15,439	44,636	92.80
Hengchun Township	11,301	30,214	98.15
Wandan Township	3,893	13,411	26.16
Changzhi Township	1,540	4,599	15.25
Linluo Township	57	168	1.51
Jiuru Township	—	—	—
Ligang Township	100	330	1.22
Yanpu Township	118	394	1.50
Gaoshu Township	6,897	18,413	74.00

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 (%)
	No. of Households	Population (B)	C=B/A×100
Wanluan Township	77	244	1.18
Neipu Township	668	1,986	3.60
Zhutian Township	70	215	1.24
Xinpi Township	454	1,316	13.26
Fangliao Township	4,174	12,152	48.95
Xinyuan Township	10,476	31,728	88.92
Kanding Township	2,438	8,667	54.45
Linbian Township	5,040	13,612	74.31
Nanzhou Township	1,192	3,463	32.04
Jiadong Township	2,996	8,441	42.87
Liuqiu Township	3,033	8,502	68.44
Checheng Township	3,377	8,482	97.04
Manzhou Township	1,552	4,037	51.45
Fangshan Township	1,255	3,368	60.85
Sandimen Township	1,258	4,179	54.54
Wutai Township	589	1,837	55.92
Majia Township	1,150	3,809	56.24
Taiwu Township	739	2,922	55.53
Laiyi Township	1,647	5,527	73.75
Chunri Township	1,051	3,733	76.89
Shizi Township	504	1,598	33.11
Mudan Township	926	2,380	49.04
<b>Taitung County</b>	<b>66,401</b>	<b>177,346</b>	<b>80.32</b>
Taitung City	37,166	100,004	94.02
Chenggong Township	3,938	10,494	72.82
Guanshan Township	2,639	7,294	82.78
Beinan Township	4,877	12,754	73.12
Dawu Township	1,706	4,250	68.13
Taimali Township	3,162	7,621	67.42
Donghe Township	2,022	4,658	53.63
Changbin Township	1,809	4,584	61.95
Luye Township	2,550	6,697	83.52
Chishang Township	2,952	7,692	91.84
Lyudao Township	766	2,579	69.25
Yanping Township	567	1,876	53.25
Haiduan Township	432	1,697	39.62
Daren Township	578	1,404	39.84
Jinfeng Township	650	2,094	57.97
Lanyu Township	587	1,648	32.42
<b>Hualien County</b>	<b>108,586</b>	<b>283,363</b>	<b>85.63</b>
Hualien City	39,923	101,128	96.28
Fenglin Township	4,328	10,836	98.47
Yuli Township	5,414	15,065	60.89
Xincheng Township	7,657	20,219	99.73
Ji'an Township	30,002	79,010	94.45
Shoufeng Township	5,953	15,206	83.80
Guangfu Township	3,941	10,188	78.18

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 (%)
	No. of Households	Population (B)	C=B/A×100
Fengbin Township	1,154	2,983	67.20
Ruisui Township	3,963	9,854	83.81
Fuli Township	2,390	6,297	59.65
Xiulin Township	2,757	9,048	57.28
Wanrong Township	827	2,538	39.41
Zhuoxi Township	277	991	16.42
<b>Penghu County</b>	<b>36,599</b>	<b>96,463</b>	<b>93.41</b>
Magong City	22,050	56,669	91.79
Huxi Township	5,459	14,356	99.45
Baisha Township	3,343	9,712	99.11
Xiyu Township	2,965	8,364	99.54
Wang'an Township	1,429	3,637	70.88
Qimei Township	1,353	3,725	99.20
<b>Keelung City</b>	<b>150,956</b>	<b>369,833</b>	<b>99.39</b>
Zhongzheng District	22,393	52,218	99.33
Qidu District	21,194	53,940	99.70
Nuannuan District	15,388	38,056	99.09
Ren'ai District	19,213	44,883	99.69
Zhongshan District	19,168	47,925	99.61
Anle District	32,693	81,320	99.15
Xinyi District	20,907	51,491	99.27
<b>Hsinchu City</b>	<b>158,785</b>	<b>432,721</b>	<b>98.94</b>
East District	77,132	207,875	99.07
North District	55,404	148,854	99.24
Xiangshan District	26,249	75,992	98.03
<b>Chiayi City</b>	<b>98,818</b>	<b>269,522</b>	<b>99.87</b>
East District	45,313	122,272	99.84
West District	53,505	147,250	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	Average Water
	(Household)	(Persons)	Water	Distributed Per Day
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
1st Branch	351,523	849,951	158,158,655	432,127
Keelung System	249,146	605,287	117,252,181	320,361
Pinglin System	11,825	28,734	5,189,641	14,179

**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
Danshuei System	81,854	189,780	32,799,478	89,616
Jinshan System	6,840	21,384	2,094,624	5,723
Wulai System	362	1,211	260,213	711
Shuangsi System	1,496	3,555	562,518	1,537
<b>2nd Branch</b>	<b>769,324</b>	<b>2,133,768</b>	<b>417,897,893</b>	<b>1,141,798</b>
Shihmen System	768,572	2,131,527	417,479,421	1,140,654
Fusing System	752	2,241	418,472	1,143
<b>3rd Branch</b>	<b>463,289</b>	<b>1,331,454</b>	<b>276,876,208</b>	<b>756,492</b>
Hsinchu System	267,033	744,009	181,268,327	495,269
Jhudong System	29,952	86,469	10,784,496	29,466
Jianshih System	214	713	194,089	530
Meihua System	13	40	25,146	69
Beipu System	3,350	9,631	1,329,077	3,631
Wufong System	320	887	280,569	767
Neiwan System	532	1,577	136,301	372
Sinpu System	6,852	21,600	2,885,227	7,883
Miaoli System	46,040	137,792	18,164,700	49,630
Dahu System	3,366	9,385	1,599,015	4,369
JhunanToufen System	64,047	192,959	42,529,726	116,201
Liyutan System	28,201	86,322	12,406,979	33,899
Nanjhuang System	3,765	10,319	1,620,764	4,428
Cyonglin System	4,987	15,457	1,801,170	4,921
Guan W. System	4,617	14,294	1,850,622	5,056
<b>4th Branch</b>	<b>1,051,935</b>	<b>3,065,062</b>	<b>560,682,032</b>	<b>1,531,918</b>
Taichung System	825,408	2,385,546	466,930,378	1,275,766
Sinshe System	5,736	19,024	2,172,230	5,935
Guguan System	—	—	4,561	12
Wufong System	16,155	52,490	7,447,333	20,348
Dongshih System	16,713	49,423	6,046,869	16,522
Jhuolan System	5,162	14,971	1,681,031	4,593
Lishan System	460	1,101	238,191	651
Puli System	21,403	59,961	9,296,399	25,400
Dapingding System	486	1,625	158,873	434
Wushe System	469	1,494	288,315	788
Rihyuetan System	3,617	10,140	1,351,515	3,693
Dehua System	192	556	147,672	403
Dadu System	11,377	38,026	3,360,158	9,181
Nantou System	38,529	114,898	20,867,690	57,016
Shueili System	23,522	63,491	7,144,049	19,519
Sinyi System	809	1,960	192,681	526
Dajia System	23,746	81,034	8,929,501	24,398
Waipu System	5,847	19,108	2,699,539	7,376

**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
Caotun System	43,831	129,275	17,945,976	49,033
Pingding System	160	413	19,568	53
Lugu System	4,578	10,546	1,870,731	5,111
Dili System	300	791	33,408	91
Renlun System	144	446	36,617	100
Luonuo System	276	859	98,964	270
Guosing System	3,015	7,884	1,719,783	4,699
<b>5th Branch</b>	<b>488,859</b>	<b>1,388,505</b>	<b>207,572,910</b>	<b>567,139</b>
Chiayi System	256,817	715,308	113,461,319	310,004
Wufong System	200	600	16,986	46
Dapu System	738	1,738	250,532	685
Yunlin System	230,285	668,861	93,384,427	255,149
Alishan System	321	810	211,000	577
Leye System	498	1,188	248,646	679
<b>6th Branch</b>	<b>672,268</b>	<b>1,870,237</b>	<b>328,773,020</b>	<b>898,287</b>
Tainan System	663,622	1,846,125	325,759,379	890,053
NansiYujing System	8,646	24,112	3,013,641	8,234
<b>7th Branch</b>	<b>1,222,654</b>	<b>3,170,292</b>	<b>632,052,557</b>	<b>1,726,920</b>
Kaohsiung System	1,006,254	2,569,389	548,452,435	1,498,504
Cishan System	16,639	45,652	6,286,566	17,176
Maolin System	187	553	85,504	234
Meinong System	8,836	24,652	3,155,747	8,622
Guangsing System	448	1,472	187,054	511
Jiasian System	1,504	3,930	407,965	1,115
Liouguei System	2,196	5,466	645,589	1,764
Sinwei System	944	1,699	202,307	553
Jibei System	508	1,569	98,380	269
Dongyuan System	288	859	103,200	282
Pingtung System	66,161	183,535	21,842,990	59,680
Siangtan System	815	2,606	543,286	1,484
Gaoshu System	7,114	19,235	2,577,137	7,041
Gaoshih System	64	193	16,617	45
Sandi System	2,924	9,074	1,499,607	4,097
Muzih System	2,124	5,442	289,626	791
Nanhe System	903	3,075	670,359	1,832
Sihchun System	362	1,018	283,164	774
Singuo System	157	518	40,772	111
Magong System	27,509	71,025	9,160,460	25,029
Lun E. System	271	818	87,366	239
Fangliao System	4,174	12,152	2,392,873	6,538
Majia System	385	1,007	136,219	372
Minsheng System	52	151	1,145	3
Jiasing System	127	467	49,754	136

**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
Baolai System	927	2,281	311,375	851
Jiasing System	38	127	7,472	20
Wanan System	118	456	73,000	199
Wutan System	519	2,000	467,769	1,278
Laiyi System	1,068	3,735	486,766	1,330
Beishih System	478	1,575	493,518	1,348
Wutai System	189	593	25,862	71
Mudan System	59,684	169,768	28,910,357	78,990
Duona System	105	331	49,036	134
Baisha System	2,835	8,143	743,130	2,030
Wangan System	1,429	3,637	222,330	607
Siyu System	2,965	8,364	751,430	2,053
Cimei System	1,353	3,725	294,390	804
<b>8th Branch</b>	<b>158,948</b>	<b>434,723</b>	<b>65,273,801</b>	<b>178,344</b>
Yilan System	76,828	208,016	26,108,920	71,336
Luodong System	79,703	219,758	37,968,556	103,739
Nan-ao System	1,254	3,374	689,923	1,885
Songluo System	418	1,313	162,269	443
Yingshih System	33	100	8,936	24
Sihji System	97	310	39,360	108
Nanshan System	113	341	71,358	195
Dongao System	270	842	101,031	276
Jinyang System	77	190	12,837	35
Aohua System	155	479	110,611	302
<b>9th Branch</b>	<b>108,586</b>	<b>283,363</b>	<b>42,063,571</b>	<b>114,928</b>
Hualien System	85,230	221,516	32,571,907	88,994
Heping System	358	1,157	580,651	1,586
Shueilian System	197	443	25,900	71
Fonglin System	8,508	21,677	2,522,260	6,891
Fongbin System	741	1,896	266,788	729
Rueisuei System	3,363	8,601	1,622,027	4,432
Fuyuan System	1,237	3,294	569,579	1,556
Gangkou System	413	1,090	122,744	335
Yuli System	5,978	16,581	2,573,982	7,033
Fuli System	1,843	4,955	700,499	1,914
Chihnan System	465	1,402	325,351	889
Songpu System	253	751	181,883	497
<b>10th Branch</b>	<b>66,401</b>	<b>177,346</b>	<b>27,880,045</b>	<b>76,175</b>
Taitung System	41,819	112,170	18,833,532	51,458
Chulu System	928	2,441	349,277	954
Luye System	3,127	8,573	1,565,612	4,278
Chihshang System	2,967	7,935	1,235,138	3,375
Guanshan System	2,978	8,467	1,132,373	3,094
Dawu System	1,447	3,604	541,311	1,479

**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)		
Jinlun System	730	1,836	301,132	823
Taimali System	2,186	5,606	813,063	2,221
Siadasi System	251	592	90,256	247
Taiyuan System	582	1,315	124,651	341
Senyong System	89	213	27,292	75
Anshuo System	399	979	161,615	442
Chenggong System	7,128	18,252	1,976,663	5,401
Sinhua System	86	209	25,515	70
Aiguopu System	105	262	28,098	77
Lyudao System	766	2,579	312,515	854
Lanyu System	587	1,648	284,746	778
Tuban System	158	384	49,209	134
Lidao System	68	281	28,047	77
<b>11th Branch</b>	<b>359,458</b>	<b>1,201,518</b>	<b>138,467,049</b>	<b>378,325</b>
Changhua System	110,630	359,548	44,369,372	121,228
Huatan System	23,299	77,738	8,441,722	23,065
Beidou System	48,559	162,182	17,666,909	48,270
Erlin System	30,726	103,738	10,382,909	28,369
Lugang System	33,416	120,908	15,469,733	42,267
Yuanlin System	39,303	126,063	15,338,940	41,910
Ershuei System	35,975	117,641	13,307,310	36,359
Sihu System	37,550	133,700	13,490,154	36,858
<b>12th Branch</b>	<b>759,413</b>	<b>2,080,912</b>	<b>301,794,723</b>	<b>824,576</b>
BanSin System	759,413	2,080,912	301,794,723	824,576



**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
1st Branch	2/7	487,268	0.491
Keelung System	2/10	372,194	0.507
Pinglin System	9/28	19,354	0.489

**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	
Danshuei	System	9/29	107,396	0.584
Jinshan	System	5/26	6,577	0.264
Wulai	System	1/3	1,399	0.563
Shuangsi	System	8/25	3,010	0.431
<b>2nd Branch</b>		<b>10/20</b>	<b>1,309,917</b>	<b>0.345</b>
Shihmen	System	10/20	1,308,830	0.345
Fusing	System	3/28	1,537	0.421
<b>3rd Branch</b>		<b>11/7</b>	<b>849,739</b>	<b>0.329</b>
Hsinchu	System	11/26	595,341	0.349
Jhudong	System	12/10	41,718	0.305
Jianshih	System	8/31	626	0.742
Meihua	System	7/7	115	1.693
Beipu	System	9/29	9,686	0.356
Wufong	System	1/19	1,719	0.855
Neiwan	System	10/2	1,235	0.229
Sinpu	System	2/25	8,772	0.311
Miaoli	System	1/16	59,430	0.343
Dahu	System	2/7	5,478	0.453
JhunanToufen	System	7/16	133,824	0.298
Liyutan	System	10/22	42,141	0.270
Nanjhuang	System	2/7	5,717	0.406
Cyonglin	System	11/19	7,693	0.313
Guan W.	System	7/2	6,190	0.346
<b>4th Branch</b>		<b>2/7</b>	<b>1,657,355</b>	<b>0.389</b>
Taichung	System	2/7	1,399,376	0.402
Sinshe	System	1/25	8,046	0.300
Guguan	System	3/1	28	—
Wufong	System	6/1	21,403	0.373
Dongshih	System	4/26	18,822	0.328
Jhuolan	System	12/30	6,053	0.298
Lishan	System	7/4	922	0.536
Puli	System	2/8	27,160	0.422
Dapingding	System	2/8	602	0.267
Wushe	System	2/7	1,103	0.519
Rihyuetan	System	9/25	4,860	0.358
Dehua	System	2/11	644	0.677
Dadu	System	2/7	11,337	0.237
Nantou	System	11/2	62,596	0.371
Shueili	System	10/3	23,595	0.300
Sinyi	System	9/1	578	0.266
Dajia	System	9/29	27,684	0.282
Waipu	System	9/29	8,724	0.373

**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	
Caotun	System	2/1	49,976	0.374
Pingding	System	1/7	88	0.127
Lugu	System	1/27	8,239	0.478
Dili	System	2/29	123	0.114
Renlun	System	6/30	123	0.223
Luonuo	System	7/31	309	0.298
Guosing	System	8/1	5,272	0.585
<b>5th Branch</b>		2/7	679,551	0.335
Chiayi	System	2/7	349,337	0.341
Wufong	System	1/19	241	0.096
Dapu	System	2/11	1,216	0.389
Yunlin	System	2/7	328,007	0.328
Alishan	System	5/15	870	0.706
Leye	System	11/20	909	0.486
<b>6th Branch</b>		2/14	1,049,972	0.319
Tainan	System	2/15	1,039,651	0.319
NansiYujing	System	2/8	12,474	0.333
<b>7th Branch</b>		9/16	1,898,897	0.342
Kaohsiung	System	9/16	1,680,328	0.340
Cishan	System	2/7	20,102	0.373
Maolin	System	12/4	373	0.408
Meinong	System	2/7	11,616	0.349
Guangsing	System	5/8	756	0.343
Jiasian	System	3/2	2,676	0.281
Liouguei	System	12/9	2,166	0.317
Sinwei	System	1/24	1,749	0.331
Jibei	System	7/26	520	0.172
Dongyuan	System	8/20	720	0.332
Pingtung	System	9/15	67,669	0.317
Siangtan	System	2/18	2,383	0.562
Gaoshu	System	11/24	9,838	0.357
Gaoshih	System	2/11	52	0.232
Sandi	System	12/30	4,272	0.430
Muzih	System	2/10	1,243	0.144
Nanhe	System	12/3	3,444	0.599
Sihchun	System	4/26	1,123	0.756
Singuo	System	7/10	147	0.215
Magong	System	7/6	28,280	0.351
Lun E.	System	12/30	633	0.291
Fangliao	System	8/17	8,065	0.367
Majia	System	11/30	645	0.363
Minsheng	System	2/9	9	0.020
Jiasing	System	2/11	236	0.290

**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	
Baolai	System	1/3	1,307	0.331
Jiasing	System	2/11	29	0.165
Wanan	System	1/1	200	0.370
Wutan	System	8/2	1,887	0.684
Laiyi	System	8/13	1,905	0.367
Beishih	System	2/4	1,615	0.270
Wutai	System	5/30	85	0.118
Mudan	System	2/10	87,767	0.455
Duona	System	9/30	299	0.399
Baisha	System	7/7	2,390	0.249
Wangan	System	9/16	1,010	0.165
Siyu	System	2/8	2,660	0.240
Cimei	System	9/17	1,150	0.216
<b>8th Branch</b>		<b>12/25</b>	<b>205,566</b>	<b>0.353</b>
Yilan	System	12/25	91,190	0.341
Luodong	System	7/10	113,331	0.364
Nan-ao	System	8/8	2,883	0.494
Songluo	System	10/6	1,525	0.336
Yingshih	System	10/27	64	0.239
Sihji	System	8/1	196	0.351
Nanshan	System	7/12	376	0.561
Dongao	System	4/29	480	0.326
Jinyang	System	5/31	76	0.182
Aohua	System	8/29	382	0.623
<b>9th Branch</b>		<b>9/29</b>	<b>140,270</b>	<b>0.387</b>
Hualien	System	9/29	113,459	0.382
Heping	System	9/5	3,100	0.890
Shueilian	System	2/10	198	0.156
Fonglin	System	9/12	23,778	0.315
Fongbin	System	1/1	1,698	0.371
Rueisuei	System	12/4	6,247	0.511
Fuyuan	System	4/4	2,004	0.464
Gangkou	System	4/19	562	0.310
Yuli	System	2/13	9,195	0.420
Fuli	System	11/14	2,860	0.384
Chihnan	System	8/1	1,371	0.544
Songpu	System	12/8	750	0.659
<b>10th Branch</b>		<b>7/16</b>	<b>87,712</b>	<b>0.424</b>
Taitung	System	7/14	59,594	0.454
Chulu	System	9/19	1,476	0.383
Luye	System	8/12	7,555	0.481
Chihshang	System	2/15	4,185	0.414
Guanshan	System	2/14	3,846	0.364
Dawu	System	9/15	2,093	0.405

**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	
Jinlun	System	11/13	1,162	0.435
Taimali	System	7/9	3,349	0.390
Siadasi	System	11/29	454	0.391
Taiyuan	System	9/15	727	0.249
Senyong	System	3/29	139	0.342
Anshuo	System	9/14	789	0.407
Chenggong	System	2/10	8,311	0.293
Sinhua	System	8/19	267	0.329
Aiguopu	System	4/9	211	0.297
Lyudao	System	6/10	1,215	0.323
Lanyu	System	7/20	1,170	0.471
Tuban	System	4/3	242	0.357
Lidao	System	7/21	139	0.280
<b>11th Branch</b>		2/7	438,575	0.282
Changhua	System	12/18	134,056	0.301
Huatan	System	2/7	27,888	0.276
Beidou	System	2/7	61,745	0.272
Erlin	System	9/29	33,371	0.233
Lugang	System	2/24	47,395	0.270
Yuanlin	System	2/7	50,440	0.322
Ershuei	System	2/7	45,000	0.289
Sihu	System	2/7	48,023	0.250
<b>12th Branch</b>		8/13	1,255,817	0.349
BanSin	System	8/13	1,255,817	0.349

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
1st Branch	408,226	8,940	2,381	2,932	8,389	416,615
2nd Branch	824,036	25,499	4,541	5,689	24,351	848,387
3rd Branch	491,107	15,961	1,773	3,771	13,963	505,070
4th Branch	1,137,759	21,479	4,319	6,092	19,706	1,157,465
5th Branch	511,148	5,725	1,493	2,496	4,722	515,870
6th Branch	700,794	8,942	1,705	3,220	7,427	708,221
7th Branch	1,177,392	18,362	4,423	6,558	16,227	1,193,619
8th Branch	165,870	3,566	1,093	1,433	3,226	169,096
9th Branch	107,186	1,591	974	1,165	1,400	108,586
10th Branch	65,674	929	590	792	727	66,401
11th Branch	367,305	5,200	1,068	1,771	4,497	371,802
12th Branch	805,176	10,269	2,570	3,303	9,536	814,712

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	Consumership					
	Total	Livelihood				Industrial
		Amount	Ordinary	Trade	Military Serviceman & Dependents	
<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>
1st Branch	101,526,739	92,108,884	85,634,033	4,763,384	1,711,467	2,330,825
2nd Branch	317,784,802	189,315,861	164,458,446	17,586,075	7,271,340	111,034,032
3rd Branch	223,422,998	119,297,034	105,309,200	11,304,187	2,683,647	92,965,774
4th Branch	389,263,041	291,596,530	262,456,125	21,158,803	7,981,602	82,054,929
5th Branch	159,106,985	121,658,176	112,061,489	6,107,731	3,488,956	25,368,100
6th Branch	266,352,369	168,980,918	148,002,170	15,490,316	5,488,432	87,035,576
7th Branch	488,022,597	282,179,761	242,826,977	24,675,696	14,677,088	177,395,361
8th Branch	49,072,844	38,573,024	34,685,840	2,795,831	1,091,353	6,419,144
9th Branch	29,927,194	24,983,366	21,425,480	2,059,683	1,498,203	1,061,075
10th Branch	18,123,782	16,594,725	14,576,325	1,051,112	967,288	—
11th Branch	104,782,898	91,410,462	85,500,706	4,374,679	1,535,077	9,519,706
12th Branch	244,127,100	207,538,888	191,754,996	12,000,227	3,783,665	21,689,497

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
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>
1st Branch	34,877	7,052,153	4,882,965	39,765	854,123	59,730	1,215,570
2nd Branch	—	17,434,909	11,647,507	109,148	1,732,207	547,118	3,398,929
3rd Branch	—	11,160,190	7,713,518	99,370	1,829,712	44,914	1,472,676
4th Branch	194,122	15,417,460	7,202,164	623,518	2,674,439	402,431	4,514,908
5th Branch	153,187	11,927,522	7,557,244	164,058	1,727,887	193,599	2,284,734
6th Branch	—	10,335,875	6,091,653	136,855	1,643,098	126,929	2,337,340
7th Branch	514,959	27,932,516	20,849,076	243,258	2,951,303	270,063	3,618,816
8th Branch	176,746	3,903,930	2,947,937	6,542	576,741	80,490	292,220
9th Branch	—	3,882,753	3,069,175	49,669	405,009	97,328	261,572
10th Branch	24	1,529,033	912,084	2,601	361,632	50,561	202,155
11th Branch	—	3,852,730	1,395,101	24,764	918,197	189,070	1,325,598
12th Branch	—	14,898,715	5,698,385	96,800	1,491,515	301,481	7,310,534

Table 10 Water Sold

(1) Classified by Consumership

- Percentage -

unit : %

Period & Branch	Total	Consumership											
		Livelihood				Industrial	Shipping	Organization & Others					
		Amount	Ordinary	Trade	Military Serviceman & Dependents			Amount	Government Agency	Public Facilit	Discount	Recovered	Others
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 & Dependents			Amount	Government Agency	Public Facilit	Discount	Recovered	Others
<b>2008</b>	<b>100</b>	<b>69.33</b>	<b>65.84</b>	<b>1.28</b>	<b>2.21</b>	<b>24.09</b>	<b>0.06</b>	<b>6.52</b>	<b>4.40</b>	<b>0.10</b>	<b>1.02</b>	<b>0.14</b>	<b>0.87</b>
<b>2009</b>	<b>100</b>	<b>72.12</b>	<b>68.40</b>	<b>1.35</b>	<b>2.36</b>	<b>21.63</b>	<b>0.06</b>	<b>6.19</b>	<b>4.10</b>	<b>0.11</b>	<b>1.02</b>	<b>0.14</b>	<b>0.82</b>
<b>2010</b>	<b>100</b>	<b>69.48</b>	<b>65.62</b>	<b>1.54</b>	<b>2.33</b>	<b>24.57</b>	<b>0.05</b>	<b>5.90</b>	<b>3.92</b>	<b>0.11</b>	<b>0.95</b>	<b>0.11</b>	<b>0.82</b>
<b>2011</b>	<b>100</b>	<b>68.86</b>	<b>64.22</b>	<b>2.31</b>	<b>2.33</b>	<b>25.31</b>	<b>0.06</b>	<b>5.78</b>	<b>3.84</b>	<b>0.11</b>	<b>0.92</b>	<b>0.10</b>	<b>0.81</b>
<b>2012</b>	<b>100</b>	<b>68.34</b>	<b>61.08</b>	<b>5.00</b>	<b>2.26</b>	<b>25.88</b>	<b>0.05</b>	<b>5.73</b>	<b>3.86</b>	<b>0.10</b>	<b>0.89</b>	<b>0.09</b>	<b>0.79</b>
<b>2013</b>	<b>100</b>	<b>68.15</b>	<b>60.74</b>	<b>5.22</b>	<b>2.19</b>	<b>26.19</b>	<b>0.05</b>	<b>5.61</b>	<b>3.72</b>	<b>0.10</b>	<b>0.82</b>	<b>0.09</b>	<b>0.88</b>
<b>2014</b>	<b>100</b>	<b>67.66</b>	<b>60.39</b>	<b>5.18</b>	<b>2.10</b>	<b>26.57</b>	<b>0.04</b>	<b>5.72</b>	<b>3.70</b>	<b>0.09</b>	<b>0.81</b>	<b>0.09</b>	<b>1.03</b>
<b>2015</b>	<b>100</b>	<b>68.65</b>	<b>61.39</b>	<b>5.12</b>	<b>2.13</b>	<b>26.00</b>	<b>0.04</b>	<b>5.31</b>	<b>3.40</b>	<b>0.07</b>	<b>0.74</b>	<b>0.10</b>	<b>1.00</b>
<b>2016</b>	<b>100</b>	<b>68.75</b>	<b>61.41</b>	<b>5.16</b>	<b>2.18</b>	<b>25.79</b>	<b>0.04</b>	<b>5.41</b>	<b>3.34</b>	<b>0.07</b>	<b>0.72</b>	<b>0.10</b>	<b>1.18</b>
1st Branch	100	90.72	84.35	4.69	1.69	2.30	0.03	6.95	4.81	0.04	0.84	0.06	1.20
2nd Branch	100	59.57	51.75	5.53	2.29	34.94	—	5.49	3.67	0.03	0.55	0.17	1.07
3rd Branch	100	53.40	47.13	5.06	1.20	41.61	—	5.00	3.45	0.04	0.82	0.02	0.66
4th Branch	100	74.91	67.42	5.44	2.05	21.08	0.05	3.96	1.85	0.16	0.69	0.10	1.16
5th Branch	100	76.46	70.43	3.84	2.19	15.94	0.10	7.50	4.75	0.10	1.09	0.12	1.44
6th Branch	100	63.44	55.57	5.82	2.06	32.68	—	3.88	2.29	0.05	0.62	0.05	0.88
7th Branch	100	57.82	49.76	5.06	3.01	36.35	0.11	5.72	4.27	0.05	0.60	0.06	0.74
8th Branch	100	78.60	70.68	5.70	2.22	13.08	0.36	7.96	6.01	0.01	1.18	0.16	0.60
9th Branch	100	83.48	71.59	6.88	5.01	3.55	—	12.97	10.26	0.17	1.35	0.33	0.87
10th Branch	100	91.56	80.43	5.80	5.34	0.00	0.00	8.44	5.03	0.01	2.00	0.28	1.12
11th Branch	100	87.24	81.60	4.17	1.47	9.09	—	3.68	1.33	0.02	0.88	0.18	1.27
12th Branch	100	85.01	78.55	4.92	1.55	8.88	—	6.10	2.33	0.04	0.61	0.12	2.99

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
1st Branch	101,526,739	8,454,963	7,751,827	7,347,974	7,974,557	8,106,485	8,401,914
2nd Branch	317,784,802	24,699,452	24,642,644	21,837,674	25,241,898	24,702,049	27,216,653
3rd Branch	223,422,998	17,943,201	16,406,986	16,319,941	16,902,789	18,169,613	18,327,622
4th Branch	389,263,041	30,751,906	30,042,269	27,823,924	31,518,857	30,879,498	33,151,829
5th Branch	159,106,985	13,469,798	12,186,203	11,551,939	12,649,423	13,180,942	13,173,359
6th Branch	266,352,369	21,690,184	20,212,502	19,032,408	20,950,692	21,884,577	22,608,127
7th Branch	488,022,597	38,426,587	36,534,385	35,932,748	38,729,607	40,203,086	41,796,878
8th Branch	49,072,844	4,358,889	3,331,671	3,840,345	3,553,427	4,325,671	3,629,121
9th Branch	29,927,194	2,326,596	2,352,084	2,036,845	2,486,456	2,330,824	2,570,254
10th Branch	18,123,782	1,472,591	1,304,892	1,289,931	1,471,439	1,509,741	1,438,627
11th Branch	104,782,898	8,693,769	7,955,625	7,655,576	8,559,902	8,694,418	8,654,942
12th Branch	244,127,100	20,507,022	17,644,495	18,052,462	18,272,350	19,862,486	19,169,880

Table 10 Water Sold

(2) Classified by Month

Period & Branch	— real number —						unit: M <sup>3</sup>
	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 numt 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	
1st Branch	8,725,512	8,932,168	9,284,338	8,898,872	8,753,248	8,894,881	
2nd Branch	27,214,852	28,915,407	28,528,581	28,799,233	26,674,359	29,312,000	
3rd Branch	20,227,337	19,471,577	20,891,647	19,452,623	19,456,321	19,853,341	
4th Branch	33,263,644	34,771,043	34,460,826	34,531,455	32,456,592	35,611,198	
5th Branch	13,940,352	13,580,247	14,286,269	13,488,073	13,657,205	13,943,175	
6th Branch	23,645,777	23,174,890	23,954,693	22,613,664	22,593,719	23,991,136	
7th Branch	43,886,735	42,733,845	44,165,204	41,850,101	40,657,359	43,106,062	
8th Branch	4,517,307	4,001,632	5,006,420	3,960,632	4,551,932	3,995,797	
9th Branch	2,505,001	2,716,910	2,629,719	2,745,166	2,510,402	2,716,937	
10th Branch	1,574,804	1,609,514	1,728,638	1,629,642	1,526,831	1,567,132	
11th Branch	8,985,018	9,061,817	9,286,015	8,922,478	9,145,059	9,168,279	
12th Branch	21,784,452	20,195,867	22,522,565	21,341,050	24,423,337	20,351,134	

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
1st Branch	100	8.33	7.64	7.24	7.85	7.98	8.28	8.59	8.80	9.14	8.77	8.62	8.76
2nd Branch	100	7.77	7.75	6.87	7.94	7.77	8.56	8.56	9.10	8.98	9.06	8.39	9.22
3rd Branch	100	8.03	7.34	7.30	7.57	8.13	8.20	9.05	8.72	9.35	8.71	8.71	8.89
4th Branch	100	7.90	7.72	7.15	8.10	7.93	8.52	8.55	8.93	8.85	8.87	8.34	9.15
5th Branch	100	8.47	7.66	7.26	7.95	8.28	8.28	8.76	8.54	8.98	8.48	8.58	8.76
6th Branch	100	8.14	7.59	7.15	7.87	8.22	8.49	8.88	8.70	8.99	8.49	8.48	9.01
7th Branch	100	7.87	7.49	7.36	7.94	8.24	8.56	8.99	8.76	9.05	8.58	8.33	8.83
8th Branch	100	8.88	6.79	7.83	7.24	8.81	7.40	9.21	8.15	10.20	8.07	9.28	8.14
9th Branch	100	7.77	7.86	6.81	8.31	7.79	8.59	8.37	9.08	8.79	9.17	8.39	9.08
10th Branch	100	8.13	7.20	7.12	8.12	8.33	7.94	8.69	8.88	9.54	8.99	8.42	8.65
11th Branch	100	8.30	7.59	7.31	8.17	8.30	8.26	8.57	8.65	8.86	8.52	8.73	8.75
12th Branch	100	8.40	7.23	7.39	7.48	8.14	7.85	8.92	8.27	9.23	8.74	10.00	8.34

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

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

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	

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

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
1st Branch	158,158,655	101,499,307	64.18	101,526,739	64.19
Keelung System	117,252,181	70,558,212	60.18	70,585,644	60.20
Pinglin System	5,189,641	4,044,743	77.94	4,044,743	77.94
Danshuei System	32,799,478	24,646,267	75.14	24,646,267	75.14
Jinshan System	2,094,624	1,883,580	89.92	1,883,580	89.92
Wulai System	260,213	106,053	40.76	106,053	40.76
Shuangsi System	562,518	260,452	46.30	260,452	46.30



**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>2nd Branch</b>		<b>417,897,893</b>	<b>317,522,800</b>	<b>75.98</b>	<b>317,784,802</b>	<b>76.36</b>
Shihmen	System	417,479,421	317,022,282	75.94	317,284,284	76.00
Fusing	System	418,472	500,518	119.61	500,518	119.61
<b>3rd Branch</b>		<b>276,876,208</b>	<b>223,407,352</b>	<b>80.69</b>	<b>223,422,998</b>	<b>80.86</b>
Hsinchu	System	181,268,327	147,307,281	81.26	147,307,609	81.26
Jhudong	System	10,784,496	8,410,222	77.98	8,410,222	77.98
Jianshih	System	194,089	60,695	31.27	60,695	31.27
Meihua	System	25,146	6,028	23.97	6,028	23.97
Beipu	System	1,329,077	949,236	71.42	949,236	71.42
Wufong	System	280,569	57,257	20.41	57,257	20.41
Neiwan	System	136,301	120,460	88.38	120,460	88.38
Sinpu	System	2,885,227	2,165,128	75.04	2,165,128	75.04
Miaoli	System	18,164,700	12,500,676	68.82	12,499,494	68.81
Dahu	System	1,599,015	904,414	56.56	904,414	56.56
JhunanToufen	System	42,529,726	37,128,731	87.30	37,145,231	87.34
Liyutan	System	12,406,979	9,963,442	80.31	9,963,442	80.31
Nanjhuang	System	1,620,764	974,706	60.14	974,706	60.14
Cyonglin	System	1,801,170	1,372,653	76.21	1,372,653	76.21
Guan W.	System	1,850,622	1,486,423	80.32	1,486,423	80.32
<b>4th Branch</b>		<b>560,682,032</b>	<b>389,251,885</b>	<b>69.42</b>	<b>389,263,041</b>	<b>71.88</b>
Taichung	System	466,930,378	325,384,895	69.69	325,384,895	69.69
Sinshe	System	2,172,230	1,488,533	68.53	1,488,533	68.53
Guguan	System	4,561	4,561	① 100.00	4,561	① 100.00
Wufong	System	7,447,333	4,979,673	66.87	4,979,673	66.87
Dongshih	System	6,046,869	4,324,156	71.51	4,324,156	71.51
Jhuolan	System	1,681,031	1,166,769	69.41	1,166,769	69.41
Lishan	System	238,191	163,623	68.69	163,623	68.69
Puli	System	9,296,399	6,287,094	67.63	6,287,094	67.63
大坪頂	System	158,873	135,832	85.50	135,832	85.50
Wushe	System	288,315	134,786	46.75	134,786	46.75
Rihyuetan	System	1,351,515	1,338,214	99.02	1,338,214	99.02
Dehua	System	147,672	126,230	85.48	126,230	85.48
Dadu	System	3,360,158	2,324,127	69.17	2,324,127	69.17
Nantou	System	20,867,690	14,474,495	69.36	14,474,495	69.36
Shueili	System	7,144,049	5,807,276	81.29	5,807,276	81.29
Sinyi	System	192,681	132,661	68.85	132,661	68.85
Dajia	System	8,929,501	5,888,456	65.94	5,899,612	66.07
Waipu	System	2,699,539	1,895,725	70.22	1,895,725	70.22
Caotun	System	17,945,976	11,606,564	64.68	11,606,564	64.68
Pingding	System	19,568	18,213	93.08	18,213	93.08
Lugu	System	1,870,731	822,620	43.97	822,620	43.97
Dili	System	33,408	21,401	64.06	21,401	64.06
Renlun	System	36,617	30,256	82.63	30,256	82.63
Luonuo	System	98,964	81,036	81.88	81,036	81.88
Guosing	System	1,719,783	614,689	35.74	614,689	35.74

**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>207,572,910</b>	<b>159,091,845</b>	<b>76.64</b>	<b>159,106,985</b>	<b>77.48</b>
Chiayi	System	113,461,319	86,618,872	76.34	86,618,872	76.34
Wufong	System	16,986	17,520	103.14	17,520	103.14
Dapu	System	250,532	143,428	57.25	143,428	57.25
Yunlin	System	93,384,427	71,995,131	77.10	72,010,271	77.11
Alishan	System	211,000	208,065	98.61	208,065	98.61
Leye	System	248,646	108,829	43.77	108,829	43.77
<b>6th Branch</b>		<b>328,773,020</b>	<b>266,352,369</b>	<b>81.01</b>	<b>266,352,369</b>	<b>81.39</b>
Tainan	System	325,759,379	264,051,755	81.06	264,051,755	81.06
NansiYujing	System	3,013,641	2,300,614	76.34	2,300,614	76.34
<b>7th Branch</b>		<b>632,052,557</b>	<b>488,021,440</b>	<b>77.21</b>	<b>488,022,597</b>	<b>77.38</b>
Kaohsiung	System	548,452,435	431,552,588	78.69	431,553,745	78.69
Cishan	System	6,286,566	4,626,024	73.59	4,626,024	73.59
Maolin	System	85,504	57,116	66.80	57,116	66.80
Meinong	System	3,155,747	1,830,878	58.02	1,830,878	58.02
Guangsing	System	187,054	131,979	70.56	131,979	70.56
Jiasian	System	407,965	270,012	66.19	270,012	66.19
Liouguei	System	645,589	373,736	57.89	373,736	57.89
Sinwei	System	202,307	176,586	87.29	176,586	87.29
Jibei	System	98,380	91,705	93.22	91,705	93.22
Dongyuan	System	103,200	49,382	47.85	49,382	47.85
Pingtung	System	21,842,990	16,276,431	74.52	16,276,431	74.52
Siangtan	System	543,286	173,383	31.91	173,383	31.91
Gaoshu	System	2,577,137	1,594,847	61.88	1,594,847	61.88
Gaoshih	System	16,617	11,384	68.51	11,384	68.51
Sandi	System	1,499,607	780,834	52.07	780,834	52.07
Muzih	System	289,626	189,504	65.43	189,504	65.43
Nanhe	System	670,359	233,476	34.83	233,476	34.83
Sihchun	System	283,164	72,303	25.53	72,303	25.53
Singuo	System	40,772	28,607	70.16	28,607	70.16
Magong	System	9,160,460	6,399,104	69.86	6,399,104	69.86
Lun E.	System	87,366	51,855	59.35	51,855	59.35
Fangliao	System	2,392,873	1,963,642	82.06	1,963,642	82.06
Baolong	System	136,219	58,695	43.09	58,695	43.09
Majia	System	1,145	914	79.83	914	79.83
Minsheng	System	49,754	16,369	32.90	16,369	32.90
Baolai	System	311,375	184,092	59.12	184,092	59.12
Jiasing	System	7,472	11,801	157.94	11,801	157.94
Wanan	System	73,000	46,620	63.86	46,620	63.86
Wutan	System	467,769	155,030	33.14	155,030	33.14
Laiyi	System	486,766	286,385	58.83	286,385	58.83
Beishih	System	493,518	388,704	78.76	388,704	78.76
Wutai	System	25,862	14,813	57.28	14,813	57.28
Mudan	System	28,910,357	18,396,012	63.63	18,396,012	63.63
Duona	System	49,036	35,363	72.12	35,363	72.12
Baisha	System	743,130	525,981	70.78	525,981	70.78

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

		Distributed Water	Actual Meter-Readings	Percentage of Actual meter Readings	Water Sold	Percentage of Water Sold
		(M <sup>3</sup> )	(M <sup>3</sup> )	(%)	(M <sup>3</sup> )	(%)
Wang-an	System	222,330	132,403	59.55	132,403	59.55
Siyu	System	751,430	641,528	85.37	641,528	85.37
Cimei	System	294,390	191,354	65.00	191,354	65.00
<b>8th Branch</b>		<b>65,273,801</b>	<b>49,227,646</b>	<b>75.42</b>	<b>49,072,844</b>	<b>75.18</b>
Yilan	System	26,108,920	19,292,264	74	19,278,939	73.84
Luodong	System	37,968,556	29,271,831	77	29,130,354	76.72
Nan-ao	System	689,923	404,371	58.61	404,371	58.61
Songluo	System	162,269	72,457	44.65	72,457	44.65
Yingshih	System	8,936	6,275	70.22	6,275	70.22
Sihji	System	39,360	22,098	56.14	22,098	56.14
Nanshan	System	71,358	35,974	50.41	35,974	50.41
Dongao	System	101,031	46,022	45.55	46,022	45.55
Jinyang	System	12,837	11,027	85.90	11,027	85.90
Aohua	System	110,611	65,327	59.06	65,327	59.06
<b>9th Branch</b>		<b>42,063,571</b>	<b>29,927,194</b>	<b>71.15</b>	<b>29,927,194</b>	<b>71.15</b>
Hualien	System	32,571,907	24,504,438	75.23	24,504,438	75.23
Heping	System	580,651	252,806	43.54	252,806	43.54
Shueilian	System	25,900	21,177	81.76	21,177	81.76
Fonglin	System	2,522,260	1,801,749	71.43	1,801,749	71.43
Fongbin	System	266,788	138,657	51.97	138,657	51.97
Rueisuei	System	1,622,027	737,387	45.46	737,387	45.46
Fuyuan	System	569,579	225,549	39.60	225,549	39.60
Gangkou	System	122,744	96,125	78.31	96,125	78.31
Yuli	System	2,573,982	1,652,705	64.21	1,652,705	64.21
Fuli	System	700,499	325,207	46.43	325,207	46.43
Chihnan	System	325,351	117,046	35.98	117,046	35.98
Songpu	System	181,883	54,348	29.88	54,348	29.88
<b>10th Branch</b>		<b>27,880,045</b>	<b>18,123,782</b>	<b>65.01</b>	<b>18,123,782</b>	<b>65.01</b>
Taitung	System	18,833,532	12,204,001	65	12,204,001	64.80
Chulu	System	349,277	218,215	62	218,215	62.48
Luye	System	1,565,612	770,279	49	770,279	49.20
Chihshang	System	1,235,138	736,579	60	736,579	59.64
Guanshan	System	1,132,373	750,568	66	750,568	66.28
Dawu	System	541,311	334,892	62	334,892	61.87
Jinlun	System	301,132	204,702	68	204,702	67.98
Taimali	System	813,063	608,220	75	608,220	74.81
Siadasi	System	90,256	52,999	59	52,999	58.72
Taiyuan	System	124,651	99,541	80	99,541	79.86
Senyong	System	27,292	19,005	70	19,005	69.64
Anshuo	System	161,615	113,072	70	113,072	69.96
Chenggong	System	1,976,663	1,571,059	79	1,571,059	79.48
Sinhua	System	25,515	20,451	80	20,451	80.15
Aiguopu	System	28,098	18,519	66	18,519	65.91
Lyudao	System	312,515	227,292	73	227,292	72.73
Lanyu	System	284,746	117,913	41	117,913	41.41
Tuban	System	49,209	33,352	68	33,352	67.78

**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 (%)
Lidao	System	28,047	23,123	82	23,123	82.44
	<b>11th Branch</b>	<b>138,467,049</b>	<b>104,648,681</b>	<b>75.58</b>	<b>104,782,898</b>	<b>75.67</b>
Changhua	System	44,369,372	32,225,780	73	32,302,133	72.80
Huatan	System	8,441,722	6,571,871	78	6,571,871	77.85
Beidou	System	17,666,909	13,442,236	76	13,442,236	76.09
Erlin	System	10,382,909	8,447,103	81	8,447,103	81.36
Lugang	System	15,469,733	11,956,048	77	12,013,912	77.66
Yuanlin	System	15,338,940	11,537,546	75	11,537,546	75.22
Ershuei	System	13,307,310	9,485,976	71	9,485,976	71.28
Sihu	System	13,490,154	10,982,121	81	10,982,121	81.41
	<b>12th Branch</b>	<b>301,794,723</b>	<b>244,127,100</b>	<b>80.89</b>	<b>244,127,100</b>	<b>83.09</b>
BanSin	System	301,794,723	244,127,100	81	244,127,100	80.89

Table 13 Water Consumption Charge Revenue

(1) Classified by Consumership

unit : \$1,000

Period & Branch	Total	Livelihood			Military Serviceman & Dependents	Industrial
		Amount	Ordinary	Trade		
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
2008	23,967,379	16,204,809	15,389,552	323,819	491,438	6,108,014

## Table 13 Water Consumption Charge Revenue

(1) Classified by Consumership

unit : \$1,000

Period & Branch	Total	Livelihood				Industrial
		Amount	Ordinary	Trade	Military Serviceman & Dependents	
<b>2009</b>	<b>22,800,208</b>	<b>16,054,736</b>	<b>15,231,906</b>	<b>324,593</b>	<b>498,238</b>	<b>5,252,152</b>
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
1st Branch	1,134,373	1,022,318	949,832	54,518	17,968	27,382
2nd Branch	3,602,851	2,090,149	1,811,490	203,011	75,648	1,300,623
3rd Branch	2,492,746	1,275,965	1,119,184	129,586	27,196	1,086,335
4th Branch	4,190,875	3,043,448	2,722,371	241,914	79,164	957,051
5th Branch	1,680,382	1,300,265	1,193,858	70,517	35,890	234,819
6th Branch	2,888,931	1,748,958	1,518,483	176,072	54,403	1,016,749
7th Branch	5,395,084	2,980,799	2,545,332	287,134	148,333	2,073,425
8th Branch	534,352	430,832	386,937	32,436	11,459	52,989
9th Branch	325,117	267,119	228,024	23,974	15,120	12,474
10th Branch	189,111	171,887	150,891	11,452	9,543	—
11th Branch	1,092,000	936,989	872,056	49,861	15,072	110,431
12th Branch	2,680,363	2,247,957	2,070,093	138,366	39,498	252,863

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	
2008	31,353	1,623,202	1,128,383	13,227	167,264	31,905	282,424	

## 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>2009</b>	<b>29,498</b>	<b>1,463,821</b>	<b>1,004,872</b>	<b>14,378</b>	<b>160,654</b>	<b>31,636</b>	<b>252,281</b>
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
1st Branch	872	83,801	57,706	227	6,621	654	18,593
2nd Branch	—	212,078	137,771	693	13,241	5,985	54,389
3rd Branch	—	130,445	91,800	599	13,567	492	23,987
4th Branch	4,853	185,523	85,345	3,743	19,889	4,431	72,115
5th Branch	3,830	141,469	89,376	1,019	13,180	2,119	35,775
6th Branch	—	123,223	71,235	846	12,444	1,394	37,305
7th Branch	12,874	327,985	245,235	1,655	22,594	2,967	55,534
8th Branch	4,412	46,120	35,786	38	4,370	878	5,047
9th Branch	—	45,524	36,828	285	3,076	1,022	4,313
10th Branch	1	17,223	10,811	15	2,719	505	3,172
11th Branch	—	44,580	16,470	155	6,964	2,090	18,901
12th Branch	—	179,543	69,036	580	12,160	3,296	94,472



## 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
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

## 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
<b>2009</b>	<b>100</b>	<b>70.41</b>	<b>66.81</b>	<b>1.42</b>	<b>2.19</b>	<b>23.04</b>	<b>0.13</b>	<b>6.42</b>	<b>4.41</b>	<b>0.06</b>	<b>0.70</b>	<b>0.14</b>	<b>1.11</b>
<b>2010</b>	<b>100</b>	<b>67.65</b>	<b>63.87</b>	<b>1.62</b>	<b>2.16</b>	<b>26.09</b>	<b>0.12</b>	<b>6.13</b>	<b>4.21</b>	<b>0.06</b>	<b>0.65</b>	<b>0.11</b>	<b>1.10</b>
<b>2011</b>	<b>100</b>	<b>67.00</b>	<b>62.41</b>	<b>2.43</b>	<b>2.16</b>	<b>26.81</b>	<b>0.13</b>	<b>6.05</b>	<b>4.13</b>	<b>0.06</b>	<b>0.63</b>	<b>0.10</b>	<b>1.13</b>
<b>2012</b>	<b>100</b>	<b>66.47</b>	<b>59.11</b>	<b>5.27</b>	<b>2.10</b>	<b>27.41</b>	<b>0.12</b>	<b>6.00</b>	<b>4.14</b>	<b>0.05</b>	<b>0.62</b>	<b>0.09</b>	<b>1.10</b>
<b>2013</b>	<b>100</b>	<b>66.28</b>	<b>58.76</b>	<b>5.49</b>	<b>2.03</b>	<b>27.66</b>	<b>0.11</b>	<b>5.96</b>	<b>4.00</b>	<b>0.05</b>	<b>0.57</b>	<b>0.09</b>	<b>1.25</b>
<b>2014</b>	<b>100</b>	<b>65.73</b>	<b>58.35</b>	<b>5.44</b>	<b>1.94</b>	<b>28.03</b>	<b>0.10</b>	<b>6.14</b>	<b>3.96</b>	<b>0.05</b>	<b>0.56</b>	<b>0.09</b>	<b>1.48</b>
<b>2015</b>	<b>100</b>	<b>66.73</b>	<b>59.38</b>	<b>5.38</b>	<b>1.98</b>	<b>27.43</b>	<b>0.10</b>	<b>5.74</b>	<b>3.66</b>	<b>0.04</b>	<b>0.51</b>	<b>0.10</b>	<b>1.43</b>
<b>2016</b>	<b>100</b>	<b>66.84</b>	<b>59.41</b>	<b>5.41</b>	<b>2.02</b>	<b>27.19</b>	<b>0.10</b>	<b>5.87</b>	<b>3.62</b>	<b>0.04</b>	<b>0.50</b>	<b>0.10</b>	<b>1.62</b>
1st Branch	100	90.12	83.73	4.81	1.58	2.41	0.08	7.39	5.09	0.02	0.58	0.06	1.64
2nd Branch	100	58.01	50.28	5.63	2.10	36.10	—	5.89	3.82	0.02	0.37	0.17	1.51
3rd Branch	100	51.19	44.90	5.20	1.09	43.58	—	5.23	3.68	0.02	0.54	0.02	0.96
4th Branch	100	72.62	64.96	5.77	1.89	22.84	0.12	4.43	2.04	0.09	0.47	0.11	1.72
5th Branch	100	77.38	71.05	4.20	2.14	13.97	0.23	8.42	5.32	0.06	0.78	0.13	2.13
6th Branch	100	60.54	52.56	6.09	1.88	35.19	—	4.27	2.47	0.03	0.43	0.05	1.29
7th Branch	100	55.25	47.18	5.32	2.75	38.43	0.24	6.08	4.55	0.03	0.42	0.05	1.03
8th Branch	100	80.63	72.41	6.07	2.14	9.92	0.83	8.63	6.70	0.01	0.82	0.16	0.94
9th Branch	100	82.16	70.14	7.37	4.65	3.84	—	14.00	11.33	0.09	0.95	0.31	1.33
10th Branch	100	90.89	79.79	6.06	5.05	—	0.00	9.11	5.72	0.01	1.44	0.27	1.68
11th Branch	100	85.80	79.86	4.57	1.38	10.11	—	4.08	1.51	0.01	0.64	0.19	1.73
12th Branch	100	83.87	77.23	5.16	1.47	9.43	—	6.70	2.58	0.02	0.45	0.12	3.52

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
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
2008	23,967,379	1,980,599	1,987,274	1,927,638	2,028,343	1,955,985	1,950,805

## 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
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
1st Branch	1,134,373	94,135	87,277	83,369	89,355	90,656	94,111
2nd Branch	3,602,851	278,592	280,336	250,206	287,319	279,469	309,184
3rd Branch	2,492,746	199,637	183,384	182,835	188,409	202,351	204,220
4th Branch	4,190,875	329,622	322,866	300,689	337,653	331,778	356,506
5th Branch	1,680,382	140,202	128,183	122,830	133,917	139,788	139,453
6th Branch	2,888,931	236,262	221,910	209,854	216,195	224,183	247,577
7th Branch	5,395,084	424,239	402,960	400,689	425,849	445,065	460,824
8th Branch	534,352	47,093	36,781	42,010	38,877	46,782	39,786
9th Branch	325,117	25,275	25,616	22,361	26,995	25,282	27,938
10th Branch	189,111	15,391	13,618	13,626	15,234	15,699	14,958
11th Branch	1,092,000	90,475	82,953	79,931	88,903	90,399	90,203
12th Branch	2,680,363	225,396	193,578	200,796	199,442	218,567	209,098

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
2008	1,986,154	2,041,467	2,013,381	2,077,836	2,057,813	1,960,084

## Table 13 Water Consumption Charge Revenue

(2) Classified by the Month

- real number- unit : \$1,000

Period & Branch	July	Aug.	Sep.	Oct.	Nov.	Dec.
2009	1,945,867	1,956,864	1,950,879	1,988,607	1,945,508	2,014,037
2010	2,010,068	2,014,186	2,078,416	2,149,746	2,088,873	2,053,199
2011	2,061,422	2,033,867	2,085,852	2,173,977	2,090,485	2,038,265
2012	1,948,198	2,089,239	2,169,997	2,177,122	2,092,123	2,130,145
2013	2,114,601	2,124,607	2,203,314	2,163,397	2,181,098	2,179,748
2014	2,103,846	2,217,267	2,310,875	2,200,480	2,201,278	2,307,525
2015	1,974,141	2,079,122	2,252,745	2,165,891	2,162,946	2,471,941
2016	2,306,582	2,293,143	2,378,353	2,284,299	2,268,609	2,328,196
1st Branch	97,134	99,419	103,125	99,161	97,491	99,138
2nd Branch	306,717	328,289	321,948	326,776	301,791	332,223
3rd Branch	225,616	217,288	232,932	217,319	217,247	221,508
4th Branch	358,919	374,505	372,220	372,506	351,001	382,611
5th Branch	147,152	144,368	150,527	142,502	143,597	147,863
6th Branch	258,559	253,872	261,948	248,153	247,543	262,873
7th Branch	486,733	470,666	490,217	461,089	451,314	475,438
8th Branch	48,878	43,859	54,402	43,300	49,192	43,394
9th Branch	27,195	29,452	28,473	29,780	27,237	29,512
10th Branch	16,520	16,718	18,094	16,934	16,001	16,318
11th Branch	93,671	94,568	96,907	93,117	95,341	95,532
12th Branch	239,488	220,140	247,558	233,662	270,854	221,784

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
1st Branch	100	8.30	7.69	7.35	7.88	7.99	8.30	8.56	8.76	9.09	8.74	8.59	8.74
2nd Branch	100	7.73	7.78	6.94	7.97	7.76	8.58	8.51	9.11	8.94	9.07	8.38	9.22
3rd Branch	100	8.01	7.36	7.33	7.56	8.12	8.19	9.05	8.72	9.34	8.72	8.72	8.89
4th Branch	100	7.87	7.70	7.17	8.06	7.92	8.51	8.56	8.94	8.88	8.89	8.38	9.13
5th Branch	100	8.34	7.63	7.31	7.97	8.32	8.30	8.76	8.59	8.96	8.48	8.55	8.80
6th Branch	100	8.18	7.68	7.26	7.48	7.76	8.57	8.95	8.79	9.07	8.59	8.57	9.10
7th Branch	100	7.86	7.47	7.43	7.89	8.25	8.54	9.02	8.72	9.09	8.55	8.37	8.81
8th Branch	100	8.81	6.88	7.86	7.28	8.75	7.45	9.15	8.21	10.18	8.10	9.21	8.12
9th Branch	100	7.77	7.88	6.88	8.30	7.78	8.59	8.36	9.06	8.76	9.16	8.38	9.08
10th Branch	100	8.14	7.20	7.21	8.06	8.30	7.91	8.74	8.84	9.57	8.95	8.46	8.63
11th Branch	100	8.29	7.60	7.32	8.14	8.28	8.26	8.58	8.66	8.87	8.53	8.73	8.75
12th Branch	100	8.41	7.22	7.49	7.44	8.15	7.80	8.93	8.21	9.24	8.72	10.11	8.27



**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

**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

**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

**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

**Table 15 Illegal Water Consumption Handling**

2016

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	1,179	2,363,714	25,832,418	255	1,832,280	20,003,686	924	531,434	5,828,732
1st Branch	37	59,730	653,899	6	32021	350514	31	27709	303385
2nd Branch	173	547,118	5,985,110	35	406606	4445059	138	140512	1540051
3rd Branch	87	44,914	491,967	5	21977	240617	82	22937	251350
4th Branch	181	402,431	4,430,956	54	319817	3532794	127	82614	898162
5th Branch	240	193,599	2,119,070	18	114032	1247333	222	79567	871737
6th Branch	61	126,929	1,393,552	27	114695	1259662	34	12234	133890
7th Branch	110	270,063	2,967,183	38	225708	2481915	72	44355	485268
8th Branch	34	80,490	878,132	7	59147	646171	27	21343	231961
9th Branch	25	97,328	1,021,807	8	96351	1011068	17	977	10739
10th Branch	53	50,561	505,086	16	41784	411747	37	8777	93339
11th Branch	71	189,070	2,089,805	25	156308	1710571	46	32762	379234
12th Branch	107	301,481	3,295,851	16	243834	2666235	91	57647	629616

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 &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 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
1st Branch	55	724	21	50	1	83	10	11	94	83	6	36	44	8	14	19
2nd Branch	93	418	13	154	19	99	50	89	20	110	22	56	121	14	14	43
3rd Branch	101	915	23	72	26	133	55	73	88	216	—	62	83	—	—	19
4th Branch	109	1,604	30	162	24	302	19	137	43	442	25	122	106	—	9	60
5th Branch	111	988	52	105	25	310	7	31	100	345	6	169	123	13	25	59
6th Branch	48	571	18	81	15	108	41	66	30	177	4	34	115	58	16	24
7th Branch	131	1,261	30	93	31	294	47	53	33	178	37	104	85	—	43	28
8th Branch	30	234	33	26	6	117	—	24	3	130	—	47	92	—	6	39
9th Branch	10	193	28	9	5	66	—	5	109	81	—	45	53	6	—	17
10th Branch	5	227	23	19	2	88	—	11	4	59	—	54	35	—	4	16
11th Branch	37	587	30	—	—	145	—	2	15	150	—	88	13	—	—	13
12th Branch	28	309	11	32	16	22	17	19	13	92	13	16	75	18	18	26

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>1st Branch</b>	<b>11</b>	<b>22</b>	<b>4</b>	<b>2</b>	<b>16</b>	<b>921</b>	<b>42</b>	<b>5,197</b>	<b>50</b>	<b>45,557</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	—	—	—	—	—	—	—	—
Shuangsi System	—	1	—	—	—	—	—	—	1	192
<b>2nd Branch</b>	<b>5</b>	<b>5</b>	<b>1</b>	<b>—</b>	<b>25</b>	<b>1,813</b>	<b>118</b>	<b>21,701</b>	<b>50</b>	<b>86,891</b>
Shihmen System	2	4	1	—	25	1,813	118	21,701	49	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>23</b>	<b>1,312</b>	<b>83</b>	<b>27,206</b>	<b>45</b>	<b>57,643</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	—	—	—	2	64	6	252	4	998
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>16</b>	<b>16</b>	<b>23</b>	<b>267</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	126	6	3,928	30	26,881	48	131,841
Sinshe System	—	—	1	1	—	—	—	—	—	—
Guguan System	—	1	—	—	1	14	—	—	—	—
Wufong System	—	—	—	9	—	—	—	—	—	—
Dongshih System	—	—	6	2	—	—	—	—	—	—
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	2	43	1	9	1	10	2	1,200
Shueili System	—	3	4	3	3	549	7	2,445	9	7,499
Sinyi System	2	—	—	2	—	—	1	270	2	540
Dajia System	1	—	—	18	1	50	3	96	1	1,099
Waipu System	—	—	1	5	—	—	—	—	—	—

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> )
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>13</b>	<b>8</b>	<b>13</b>	<b>167</b>	<b>30</b>	<b>3,598</b>	<b>62</b>	<b>10,968</b>	<b>70</b>	<b>60,788</b>
Chiayi	System	6	6	—	11	12	1,918	32	4,284	27	28,376
Wufong	System	1	1	—	—	—	—	—	—	1	200
Dapu	System	1	—	3	—	—	—	—	—	1	230
Yunlin	System	3	—	10	156	18	1,680	30	6,684	37	31,379
Alishan	System	1	—	—	—	—	—	—	—	1	8
Leye	System	1	1	—	—	—	—	—	—	3	595
<b>6th Branch</b>		<b>5</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>27</b>	<b>3,392</b>	<b>86</b>	<b>123,917</b>	<b>80</b>	<b>82,861</b>
Tainan	System	4	4	4	4	25	3,388	80	123,739	76	81,515
NansiYujing	System	1	1	—	—	2	4	6	178	4	1,346
<b>7th Branch</b>		<b>8</b>	<b>28</b>	<b>36</b>	<b>245</b>	<b>58</b>	<b>15,536</b>	<b>42</b>	<b>26,452</b>	<b>79</b>	<b>225,318</b>
Kaohsiung	System	—	16	1	60	42	14,690	25	23,703	51	206,399
Cishan	System	—	—	—	6	—	—	—	—	—	—
Maolin	System	—	—	—	1	—	—	—	—	—	—
Meinong	System	—	—	1	4	—	—	—	—	—	—
Guangsing	System	—	—	—	2	—	—	—	—	—	—
Jiasian	System	—	—	5	—	—	—	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	—	—	—	—	—	—
Fangliao	System	—	—	—	—	—	—	—	—	—	—
Baolong	System	—	—	1	—	—	—	—	—	—	—
Majia	System	2	—	—	—	—	—	—	—	—	—
Minzu	System	—	—	—	—	—	—	—	—	—	—
Minsheng	System	1	—	—	—	—	—	—	—	—	—
Baolai	System	—	—	3	—	2	5	—	—	2	116
Jiasing	System	1	—	—	—	—	—	—	—	—	—
Wanan	System	1	1	—	—	—	—	—	—	—	—
Wutan	System	—	—	—	4	—	—	—	—	—	—



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> )
Senyong	System	—	—	—	1	—	—	—	—	—	—
Anshuo	System	—	—	—	1	—	—	—	—	—	—
Chenggong	System	—	3	—	—	5	93	2	336	4	3,984
Sinhua	System	1	—	—	—	—	—	—	—	—	—
Aiguopu	System	1	—	—	1	—	—	—	—	—	—
Lyudao	System	—	1	—	—	—	—	—	—	2	677
Lanyu	System	3	—	—	1	—	—	—	—	—	—
Tuban	System	—	—	—	1	—	—	—	—	—	—
Lidao	System	1	—	—	—	—	—	—	—	—	—
<b>11th Branch</b>		—	—	<b>4</b>	<b>183</b>	<b>19</b>	<b>5,363</b>	—	—	<b>8</b>	<b>1,274</b>
Changhua	System	—	—	—	29	—	—	—	—	1	176
Huatan	System	—	—	—	15	—	—	—	—	—	—
Beidou	System	—	—	—	19	5	1,640	—	—	—	—
Erlin	System	—	—	—	18	—	—	—	—	—	—
Lugang	System	—	—	—	26	5	1,551	—	—	—	—
Yuanlin	System	—	—	—	30	3	809	—	—	7	1,098
Ershuei	System	—	—	4	30	—	—	—	—	—	—
Sihu	System	—	—	—	16	6	1,363	—	—	—	—
<b>12th Branch</b>		<b>1</b>	<b>2</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>1st Branch</b>	<b>15</b>	<b>5,943</b>	<b>79</b>	<b>3,848</b>	<b>30</b>	<b>49,114</b>	<b>116</b>	<b>104,300</b>
Keelung System	11	5,372	48	3,232	17	39,614	74	86,150
Pinglin System	2	384	11	93	6	4,400	21	4,300
Danshuei System	—	—	13	377	4	4,500	13	11,550
Jinshan System	—	—	5	140	1	300	3	1,300
Wulai System	—	—	2	6	2	300	3	300
Shuangsi System	2	187	—	—	—	—	2	700
<b>2nd Branch</b>	<b>5</b>	<b>1,470</b>	<b>74</b>	<b>12,635</b>	<b>15</b>	<b>280,496</b>	<b>89</b>	<b>234,925</b>
Shihmen System	3	1,240	74	12,635	13	279,796	89	234,925
Fusing System	2	230	—	—	2	700	—	—
<b>3rd Branch</b>	<b>7</b>	<b>600</b>	<b>96</b>	<b>11,354</b>	<b>33</b>	<b>173,416</b>	<b>157</b>	<b>279,475</b>
Hsinchu System	—	—	47	8,768	10	90,181	39	173,000
Jhudong System	—	—	4	164	2	3,000	12	8,700
Jianshih System	2	150	—	—	1	50	2	100
Meihua System	2	60	—	—	1	50	1	50
Beipu System	—	—	6	258	2	2,600	4	3,000
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	8	1,600
Miaoli System	—	—	8	288	5	15,100	7	8,550
Dahu System	—	—	—	—	2	350	7	1,650
JhunanToufen System	—	—	10	1,633	2	57,000	12	32,000
Liyutan System	—	—	3	27	—	—	45	42,400
Nanjhuang System	—	—	4	40	1	2,000	9	1,005
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>191</b>	<b>33,378</b>	<b>124</b>	<b>279,622</b>	<b>224</b>	<b>420,169</b>
Taichung System	—	—	107	12,123	18	179,957	77	367,790
Sinshe System	—	—	8	10,000	1	1,000	9	3,550
Guguan System	—	—	2	54	—	—	1	600
Wufong System	—	—	—	—	2	5,150	8	3,250
Dongshih System	—	—	8	10,000	3	1,500	15	5,230
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	—	—	5	35	49	27,370	7	4,230
Shueili System	2	364	21	620	4	8,750	23	9,589
Sinyi System	—	—	1	8	1	200	1	200
Dajia System	3	495	8	122	8	10,285	—	—
Waipu System	—	—	2	14	2	400	—	—

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> )				
Caotun	System	—	—	—	—	11	20,500	23	6,510
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	1	500	7	1,050
<b>5th Branch</b>		<b>26</b>	<b>8,348</b>	<b>177</b>	<b>5,758</b>	<b>91</b>	<b>407,034</b>	<b>131</b>	<b>112,703</b>
Chiayi	System	—	—	52	2,554	24	114,280	70	94,383
Wufong	System	—	—	1	9	2	550	—	—
Dapu	System	—	—	1	22	2	1,400	10	1,200
Yunlin	System	24	8,300	121	3,131	56	221,754	51	17,120
Alishan	System	—	—	1	20	5	68,000	—	—
Leye	System	2	48	1	22	2	1,050	—	—
<b>6th Branch</b>		<b>19</b>	<b>6,532</b>	<b>76</b>	<b>7,744</b>	<b>15</b>	<b>137,120</b>	<b>180</b>	<b>330,804</b>
Tainan	System	19	6,532	74	7,697	13	135,120	164	328,027
NansiYujing	System	—	—	2	47	2	2,000	16	2,777
<b>7th Branch</b>		<b>53</b>	<b>11,667</b>	<b>210</b>	<b>20,741</b>	<b>223</b>	<b>582,058</b>	<b>94</b>	<b>241,810</b>
Kaohsiung	System	4	3,480	151	19,154	29	473,842	40	219,580
Cishan	System	—	—	8	160	34	7,251	—	—
Maolin	System	1	30	—	—	5	380	—	—
Meinong	System	—	—	—	—	10	3,840	—	—
Guangsing	System	—	—	—	—	2	150	—	—
Jiasian	System	—	—	11	63	13	2,290	—	—
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	—	—
Fangliao	System	—	—	—	—	3	13,000	—	—
Baolong	System	—	—	2	14	1	150	—	—
Majia	System	—	—	—	—	—	—	2	65
Minzu	System	—	—	—	—	—	—	—	—
Minsheng	System	—	—	1	8	1	200	—	—
Baolai	System	—	—	2	12	7	550	—	—
Jiasing	System	4	96	—	—	1	50	—	—
Wanan	System	1	80	3	6	4	90	—	—
Wutan	System	—	—	—	—	5	2,400	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> )
Laiyi	System	—	—	1	30	4	1,100	1	100
Beishih	System	—	—	—	—	2	2,500	—	—
Wutai	System	—	—	—	—	—	—	2	230
Wuda	System	—	—	—	—	—	—	1	50
Mudan	System	14	2,059	16	822	41	32,955	2	5,200
Duona	System	2	40	—	—	1	50	—	—
Cinhe	System	2	100	—	—	4	230	—	—
Baisha	System	2	192	—	—	6	2,200	14	2,185
Dewun	System	—	—	—	—	—	—	—	—
Meilan	System	3	398	—	—	2	700	—	—
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>26</b>	<b>18,272</b>
Yilan	System	6	2,108	15	488	12	26,482	7	3,460
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>62</b>	<b>22,035</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	4	1,000
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>75</b>	<b>42,516</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	—	—
Taiyuan	System	3	140	—	—	3	600	4	230



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> )				
Senyong	System	—	—	—	—	1	15	—	—
Anshuo	System	—	—	—	—	1	100	2	120
Chenggong	System	2	70	12	365	7	11,900	5	4,800
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>206</b>	<b>4,195</b>	<b>68</b>	<b>164,008</b>	<b>41</b>	<b>128,740</b>
Changhua	System	—	—	41	596	7	23,500	19	119,900
Huatan	System	—	—	17	237	9	8,310	—	—
Beidou	System	—	—	45	1,261	11	25,000	1	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	10	11,598	7	5,230
Sihu	System	—	—	32	436	8	21,900	—	—
<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>59</b>	<b>108,472</b>
BanSin	System	4	400	34	5,746	6	56,070	59	108,472

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

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 2014</b>		<b>59,287,713</b>	<b>4,294,401</b>	<b>4,717,136</b>	<b>18,926,268</b>	<b>536,888</b>	<b>8,811,266</b>	<b>9,895,760</b>	<b>1,102,986</b>	<b>4,723,381</b>	<b>384,928</b>
<b>End of 2015</b>		<b>59,971,979</b>	<b>4,249,486</b>	<b>4,623,277</b>	<b>19,331,650</b>	<b>531,146</b>	<b>8,720,073</b>	<b>10,212,973</b>	<b>1,073,744</b>	<b>4,855,876</b>	<b>379,636</b>
<b>End of 2016</b>		<b>60,539,411</b>	<b>4,172,951</b>	<b>4,518,840</b>	<b>19,760,934</b>	<b>510,480</b>	<b>8,584,060</b>	<b>10,538,875</b>	<b>1,054,699</b>	<b>4,956,201</b>	<b>373,052</b>
<b>1st Branch</b>		<b>2,065,899</b>	<b>67,821</b>	<b>131,839</b>	<b>510,143</b>	<b>12,270</b>	<b>310,024</b>	<b>324,427</b>	<b>49,998</b>	<b>282,891</b>	<b>22,624</b>
Keelung	Service Center	575,510	17,142	37,182	140,568	3,318	97,525	97,044	11,621	63,439	6,117
RueiFang	Operations Station	173,239	12,607	9,660	58,348	4,605	23,865	15,287	7,139	12,444	3,289
SiJih	Operations Station	169,304	1,368	4,588	33,285	674	15,054	30,189	6,432	24,593	7,857
DanShuei	Operations Station	546,081	1,313	24,047	152,723	60	90,491	97,532	8,705	79,208	3,071
WanJin	Operations Station	159,229	5,965	18,683	41,396	2,558	21,401	26,991	5,925	34,486	—
WunShan	Operations Station	270,384	24,390	31,010	59,407	982	39,703	48,275	3,171	39,426	8
GongLiao	Operations Station	117,939	3,636	6,020	22,611	73	20,986	8,788	6,624	26,315	1,810
Sinshan	Water Treatment Plant	54,213	1,400	649	1,805	—	999	321	381	2,980	472
<b>2nd Branch</b>		<b>5,907,373</b>	<b>219,889</b>	<b>492,333</b>	<b>2,052,674</b>	<b>14,874</b>	<b>870,351</b>	<b>1,016,147</b>	<b>121,127</b>	<b>492,138</b>	<b>30,158</b>
Guishan	Service Center	264,985	4,921	8,915	72,180	9,857	28,723	65,403	3,235	48,642	4,870
Taoyuan	Service Center	1,032,546	40,030	93,958	275,583	574	194,476	250,370	21,713	113,408	9,522
Chunglee	Service Center	922,896	27,624	101,426	280,047	3,784	167,323	186,064	31,617	114,421	2,671
Yangmei	Service Center	972,052	27,985	87,966	362,462	520	179,248	175,495	50,467	78,290	77
Dayuan	Service Center	1,461,303	92,660	138,569	801,673	—	212,560	159,370	2,697	37,193	32
Linko	Service Center	240,511	8,025	6,505	77,648	68	25,659	94,616	827	25,458	—
Longtan	Water Treatment Plant	556,325	18,644	54,637	182,645	71	62,094	83,401	10,556	74,208	5,019
Pingjhen	Water Treatment Plant	263,768	—	—	—	—	179	288	15	322	7,806
Danan	Water Treatment Plant	192,987	—	357	438	—	90	1,140	—	196	161
<b>3rd Branch</b>		<b>5,179,171</b>	<b>330,038</b>	<b>311,845</b>	<b>2,027,733</b>	<b>17,446</b>	<b>524,911</b>	<b>952,050</b>	<b>48,876</b>	<b>454,043</b>	<b>15,011</b>
Hsinchu	Service Center	9,985	496	75	5,082	—	1,928	1,994	—	410	—
Chutung	Operations Station	369,433	58,627	36,252	139,985	4,062	48,410	34,535	7,196	21,528	1,877
Hukou	Operations Station	472,084	15,611	20,880	181,090	—	52,825	94,746	2,806	37,827	5,554
Chunan Toufen	Operations Station	691,884	38,126	54,776	338,425	594	69,282	125,175	1,205	61,852	—
Miaoli	Operations Station	765,195	36,086	39,430	365,971	628	54,584	146,120	9,716	62,218	1,468
Tongsiao Tongluo	Operations Station	970,570	111,036	64,614	419,077	4,870	53,246	181,929	3,093	25,039	2,823
Jhubei	Operations Station	751,256	31,505	58,470	278,770	7,292	55,287	157,711	7,649	92,610	418
Hsinchu	Water Treatment Plant	1,050,305	38,511	37,078	293,773	—	189,058	207,234	17,186	147,652	2,111
Baoshan	Water Treatment Plant	29,248	16	270	5,542	—	104	2,318	—	4,591	396
Dongsing	Water Treatment Plant	69,213	24	—	19	—	186	288	25	317	364
<b>4th Branch</b>		<b>8,693,398</b>	<b>380,751</b>	<b>494,180</b>	<b>2,848,161</b>	<b>73,374</b>	<b>1,526,973</b>	<b>1,591,933</b>	<b>172,019</b>	<b>782,802</b>	<b>39,946</b>
Taichung	Service Center	1,864	108	50	1,448	—	258	—	—	—	—
Fongyuan	Service Center	—	—	—	—	—	—	—	—	—	—
Dali	Service Center	22	10	12	—	—	—	—	—	—	—
Houli	Service Center	12	12	—	—	—	—	—	—	—	—
Cingshuei	Operations Station	339,913	27,632	4,024	102,046	—	64,917	70,594	10,398	44,074	2,005
Dajia	Operations Station	531,439	32,852	25,206	227,964	—	56,682	133,444	1,912	39,633	324
Nantou	Operations Station	625,682	20,951	33,896	174,702	6,989	126,160	116,677	22,484	67,621	924
Caotun	Operations Station	447,730	5,434	33,520	176,028	392	91,783	76,055	8,993	43,022	2,680
jhushan	Operations Station	310,222	23,844	22,521	81,340	7,368	43,507	79,474	724	25,769	43
Shalu	Operations Station	312,676	62,115	24,622	96,534	3,372	45,884	30,488	6,438	9,248	492
Dongshin	Operations Station	550,587	58,319	82,845	217,671	3,134	76,306	52,266	8,354	39,406	24
Wufong	Operations Station	253,323	19,065	8,564	81,606	1,222	36,577	67,525	2,745	13,897	98
Wurih	Operations Station	210,265	7,423	13,461	75,303	—	67,242	27,211	7,988	8,977	—
Puli	Operations Station	394,713	6,550	21,633	138,418	14,947	79,142	85,499	10,817	22,613	1,755
Shueili	Operations Station	884,179	27,277	40,340	287,012	1,582	121,004	179,906	9,180	69,728	6,138
Daya	Operations Station	416,732	23,073	42,085	171,679	2,393	39,891	76,033	6,205	34,482	346
Fongyuan	Water Treatment Plant	783,115	16,340	48,889	242,027	1	139,961	126,706	15,443	86,751	4,891
Taichung	Water Treatment Plant	2,247,649	22,705	61,603	641,046	31,467	495,484	407,283	52,906	247,217	17,100
Liyutan	Water Treatment Plant	383,277	27,041	30,909	133,337	507	42,176	62,773	7,432	30,364	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>7,764,055</b>	<b>677,533</b>	<b>825,801</b>	<b>2,387,484</b>	<b>163,416</b>	<b>1,161,886</b>	<b>1,173,728</b>	<b>187,826</b>	<b>477,999</b>	<b>64,003</b>
Chiayi	Service Center	51,043	35,605	5,334	5,647	—	4,261	196	—	—	—
Yijhu	Service Center	616,452	107,657	83,258	166,099	18,299	74,570	56,407	11,862	28,981	16,879
Puzih	Service Center	413,689	46,099	52,702	134,967	10,230	71,335	53,997	2,068	12,575	7,494
Douliou	Service Center	538,924	18,187	29,096	208,941	8,700	122,227	79,150	12,840	32,689	2,869
Minsyong	Operations Station	486,011	20,474	34,158	130,634	7,581	82,202	108,598	9,237	48,114	1,786
Beigang	Operations Station	650,902	129,386	68,154	136,147	29,309	95,716	122,315	22,044	25,852	8,271
Huwei	Service Center	891,155	56,784	115,378	332,339	10,608	119,844	147,133	10,340	61,397	6,039
Siluo	Service Center	654,275	46,827	131,125	214,394	10,259	94,756	105,308	14,410	26,982	199
Taisi	Operations Station	566,569	70,313	73,362	192,002	14,806	65,514	80,933	10,161	56,756	573
Gukeng	Operations Station	362,332	27,308	26,755	129,656	15,425	41,979	85,449	10,107	12,378	16
Douan	Operations Station	362,801	10,161	29,990	133,148	14,681	67,732	35,256	35,556	26,655	66
Singang	Operations Station	392,082	29,611	60,256	108,108	19,055	32,005	57,834	10,400	47,710	—
Jhuci	Operations Station	515,649	37,802	68,837	192,847	—	66,684	84,354	14,848	23,674	3,868
Chiayi	Water Treatment Plant	1,020,631	41,319	45,170	302,555	4,463	221,194	155,209	23,824	73,485	15,360
Yunlin	Water Treatment Plant	241,540	—	2,226	—	—	1,867	1,589	129	751	583
<b>6th Branch</b>		<b>7,739,813</b>	<b>837,062</b>	<b>485,206</b>	<b>2,072,271</b>	<b>75,495</b>	<b>1,574,017</b>	<b>1,260,179</b>	<b>141,626</b>	<b>531,222</b>	<b>48,567</b>
Tainan	Service Center	305,561	37,485	27,836	49,191	8,581	67,487	55,172	20,381	20,774	6,945
Gueiren	Service Center	704,567	78,215	29,915	183,752	1,923	195,259	125,736	13,152	55,338	4,936
Jiali	Service Center	1,299,954	126,797	51,536	330,052	6,079	429,965	217,728	24,256	94,786	759
Yongkang	Service Center	376,337	24,780	23,491	54,350	8,288	99,012	107,014	7,211	50,398	—
Sinshih	Service Center	1,036,191	213,501	71,718	310,500	14,356	143,942	172,868	10,145	93,394	2,324
Madou	Service Center	679,584	87,621	75,397	255,621	3,023	117,135	108,040	7,424	16,852	—
Sinying	Operations Station	585,112	72,371	38,286	172,055	5,884	82,702	111,893	11,276	62,303	11,474
Baihe	Operations Station	579,938	92,419	47,329	170,724	4,779	59,351	107,750	21,604	33,627	238
Yujing	Operations Station	545,517	90,164	60,178	191,071	19,916	89,886	48,056	6,937	18,114	3,533
Wushantou	Water Treatment Plant	202,097	296	—	121	—	200	1,462	150	80	24
Nanhua	Water Treatment Plant	50,400	56	—	49	—	8,092	1,085	—	171	—
Tainan	Water Treatment Plant	1,365,749	13,357	59,520	349,357	2,666	280,986	203,375	19,090	85,385	18,334
Nanhua and Jingmin Reservoir Management Center		8,805	—	—	5,428	—	—	—	—	—	—
<b>7th Branch</b>		<b>10,565,502</b>	<b>767,092</b>	<b>796,570</b>	<b>3,602,073</b>	<b>67,000</b>	<b>1,549,452</b>	<b>1,652,237</b>	<b>198,554</b>	<b>500,277</b>	<b>76,338</b>
Sightseeing	Section	5,959	—	488	1,711	—	1,155	904	1,524	177	—
Fongshan	Service Center	62,948	53,607	—	6,918	—	403	2,008	—	—	—
Lujhu	Service Center	563,391	90,956	70,073	184,244	7,426	66,325	107,314	36,178	875	—
Gangshan	Service Center	627,649	58,264	71,697	177,440	6,148	145,162	152,783	11,170	4,985	—
Nanzih	Service Center	684,087	30,803	31,740	284,862	2,198	129,543	192,615	5,344	2,625	665
Kaohsiung	Service Center	129,015	69,403	10,980	21,197	—	10,127	9,008	634	6,131	408
Cishan	Operations Station	496,955	72,686	48,371	196,188	3,559	26,353	79,935	8,338	45,209	4,684
Pingtung	Operations Station	757,967	53,802	79,210	271,192	10,141	92,943	148,403	12,285	46,092	768
Dongnag	Operations Station	1,064,736	75,616	88,909	363,204	9,517	165,188	183,564	15,370	32,114	604
Hengchun	Operations Station	435,305	84,643	46,540	129,305	6,596	82,833	79,098	5,950	300	—
Gaoshu	Operations Station	167,853	30,711	13,320	67,649	26	24,265	31,474	—	408	—
Meinong	Operations Station	397,412	52,407	49,458	130,228	4,959	58,671	87,559	2,157	11,046	120
Penghu	Operations Station	624,668	65,539	80,723	228,883	2,316	106,102	72,878	1,139	30,012	14,930
Dagangshan	Water Treatment Plant	430,581	1,484	—	—	—	2,341	2,358	—	68,581	19,106
Chengcing Lake	Water Treatment Plant	2,334,656	21,756	93,929	1,122,650	6,064	339,061	230,877	51,328	133,324	6,197
Pingding	Water Treatment Plant	198,398	955	4,635	47,617	2,104	36,162	42,116	3,220	14,023	—
Kaotan	Water Treatment Plant	1,077,592	140	87,502	292,243	5,412	231,794	202,395	39,457	27,288	15,539
Fongshan	Water Treatment Plant	382,093	4,320	18,995	76,521	534	30,574	26,148	4,460	43,221	2,998
Mudan	Water Treatment Plant	100,585	—	—	21	—	144	17	—	33,866	10,319
Kaohsiung	Water Treatment Plant	23,652	—	—	—	—	307	784	—	—	—

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>2,433,720</b>	<b>226,105</b>	<b>242,583</b>	<b>768,833</b>	<b>12,013</b>	<b>174,631</b>	<b>333,639</b>	<b>21,150</b>	<b>400,143</b>	<b>13,859</b>
Guangsing	Water Treatment Plant	1,278,363	94,918	170,277	366,385	6,702	88,920	167,548	12,705	240,909	6,357
Shengou	Water Treatment Plant	1,155,357	131,187	72,306	402,448	5,311	85,711	166,091	8,445	159,234	7,502
<b>9th Branch</b>		<b>1,800,423</b>	<b>66,337</b>	<b>97,191</b>	<b>655,619</b>	<b>35,730</b>	<b>110,749</b>	<b>483,893</b>	<b>14,742</b>	<b>137,080</b>	<b>18,729</b>
Hualien	Service Center	7,966	2,913	4,051	1,002	—	—	—	—	—	—
JianShoufong	Service Center	1,172	1,172	—	—	—	—	—	—	—	—
Fenglin	Operations Station	364,184	8,615	15,317	167,737	10,312	20,403	108,370	856	15,916	1,605
Yuli	Operations Station	364,674	24,793	15,055	150,088	8,785	22,815	96,759	2,702	20,036	—
Hualien	Water Treatment Plant	1,062,426	28,844	62,768	336,792	16,633	67,531	278,764	11,184	101,128	17,124
<b>10th Branch</b>		<b>1,612,465</b>	<b>55,544</b>	<b>122,022</b>	<b>637,523</b>	<b>10,653</b>	<b>233,217</b>	<b>400,559</b>	<b>10,615</b>	<b>64,007</b>	<b>5,590</b>
Taitung	Operations Station	819,152	35,359	73,224	297,077	1,917	93,239	201,473	6,120	42,577	5,590
Chihshang	Operations Station	340,398	15,832	39,154	164,784	5,853	56,529	57,677	—	570	—
Chenggong	Operations Station	283,838	1,336	1,598	93,644	557	45,412	108,118	4,495	19,771	—
Taimali	Water Treatment Plant	169,077	3,018	8,046	82,019	2,326	38,037	33,290	—	1,089	—
<b>11th Branch</b>		<b>5,015,564</b>	<b>493,325</b>	<b>480,330</b>	<b>1,954,065</b>	<b>27,748</b>	<b>363,754</b>	<b>807,339</b>	<b>34,622</b>	<b>496,807</b>	<b>25,440</b>
Changhua	Service Center	19,136	7,513	5,461	5,725	—	189	—	—	248	—
Yuanlin	Operations Station	291,507	21,469	14,851	128,826	27	16,818	46,742	1,508	45,280	780
Beidou	Operations Station	794,943	60,589	71,316	340,674	1,903	52,512	149,413	1,029	63,498	3,310
Ershuei	Operations Station	430,635	15,864	17,737	145,765	89	19,332	124,145	2,816	75,800	2,719
Lugang	Operations Station	654,278	55,941	72,699	250,421	4,185	42,669	96,849	9,049	66,027	861
Erlin	Operations Station	743,479	160,298	86,408	250,961	3,036	52,660	73,809	4,183	73,636	18
Sihu	Operations Station	666,025	52,591	62,218	294,116	1,766	76,323	94,327	1,672	42,185	6,526
Huatan	Operations Station	309,217	31,409	36,781	125,008	4,242	15,047	55,940	2,467	31,231	—
Changhua	Water Treatment Plant	1,106,344	87,651	112,859	412,569	12,500	88,204	166,114	11,898	98,902	11,226
<b>12th Branch</b>		<b>1,762,029</b>	<b>51,455</b>	<b>38,939</b>	<b>244,355</b>	<b>461</b>	<b>184,097</b>	<b>542,744</b>	<b>53,544</b>	<b>336,793</b>	<b>12,787</b>
Banchiau	Service Center	290,194	4,517	733	31,267	—	40,519	132,667	13,184	65,433	723
Hsin-chuang	Service Center	243,026	6,633	3,110	38,455	—	28,958	106,219	8,486	51,129	—
Lujou	Service Center	203,862	4,870	1,603	42,089	—	16,675	63,537	11,225	60,089	30
Shulin	Service Center	154,031	4,560	7,085	28,396	305	18,939	56,876	2,460	35,250	—
Yingge	Service Center	239,204	11,066	12,077	49,484	156	23,513	78,130	12,228	52,356	—
Tucheng	Service Center	134,656	2,158	2,435	26,239	—	32,169	30,888	5,176	35,591	—
Taisan	Operations Station	179,473	15,821	11,615	25,767	—	22,913	71,060	338	31,553	—
Bansin	Water Treatment Plant	317,584	1,830	281	2,659	—	411	3,366	447	5,392	12,034

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

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 2014</b>		<b>1,553,904</b>	<b>101,598</b>	<b>902,832</b>	<b>924,874</b>	<b>286,157</b>	<b>458,693</b>	<b>220,018</b>	<b>416,526</b>	<b>1,030,096</b>
<b>End of 2015</b>		<b>1,583,049</b>	<b>101,598</b>	<b>909,164</b>	<b>959,418</b>	<b>286,491</b>	<b>466,129</b>	<b>220,296</b>	<b>416,505</b>	<b>1,051,468</b>
<b>End of 2016</b>		<b>1,592,453</b>	<b>101,469</b>	<b>912,788</b>	<b>971,609</b>	<b>286,389</b>	<b>480,725</b>	<b>217,841</b>	<b>421,789</b>	<b>1,084,256</b>
<b>1st Branch</b>		<b>114,269</b>	<b>8,137</b>	<b>57,469</b>	<b>56,434</b>	<b>12,519</b>	<b>25,983</b>	<b>13,516</b>	<b>52,311</b>	<b>13,224</b>
Keelung	Service Center	34,049	4,958	10,098	24,708	6,348	8,990	7,587	4,778	38
RueiFang	Operations Station	10,853	—	862	—	—	—	3,294	10,966	19
SiJih	Operations Station	7,899	132	25,423	4,014	—	7,794	2	—	—
DanShuei	Operations Station	51,083	461	6,799	8,383	4,163	3,530	1,689	11,450	1,374
WanJin	Operations Station	1,824	—	—	—	—	—	—	—	—
WunShan	Operations Station	5,548	—	12,538	5,920	—	6	—	—	—
GongLiao	Operations Station	288	2,524	403	92	10	—	186	15,584	1,989
Sinshan	Water Treatment Plant	2,725	62	1,346	13,317	1,998	5,663	758	9,533	9,804
<b>2nd Branch</b>		<b>140,963</b>	<b>7,330</b>	<b>92,451</b>	<b>100,926</b>	<b>28,152</b>	<b>65,631</b>	<b>10,406</b>	<b>61,880</b>	<b>89,945</b>
Guishan	Service Center	18,155	—	—	—	—	84	—	—	—
Taoyuan	Service Center	21,468	4	11,071	250	—	119	—	—	—
Chunglee	Service Center	7,730	—	189	—	—	—	—	—	—
Yangmei	Service Center	9,411	—	—	132	—	—	—	—	—
Dayuan	Service Center	14,949	—	1,595	6	—	—	—	—	—
Linko	Service Center	1,706	—	—	—	—	—	—	—	—
Longtan	Water Treatment Plant	8,221	—	7,320	20,815	9,117	10,292	—	5,205	4,080
Pingjhen	Water Treatment Plant	29,484	6,284	52,486	37,787	12,144	25,789	9,321	39,180	42,684
Danan	Water Treatment Plant	29,838	1,042	19,790	41,936	6,891	29,347	1,085	17,495	43,181
<b>3rd Branch</b>		<b>146,273</b>	<b>13,775</b>	<b>54,028</b>	<b>99,243</b>	<b>11,936</b>	<b>30,148</b>	<b>33,056</b>	<b>54,340</b>	<b>54,421</b>
Hsinchu	Service Center	—	—	—	—	—	—	—	—	—
Chutung	Operations Station	8,910	1,727	506	5,668	—	150	—	—	—
Hukou	Operations Station	17,019	271	5,057	27,126	—	1,236	—	6,437	3,599
Chunan Toufen	Operations Station	2,379	—	71	—	—	—	—	—	—
Miaoli	Operations Station	21,067	—	1,186	10,361	—	3,299	13,061	—	—
Tongsiao Tongluo	Operations Station	37,403	7,194	31,724	5,183	5,292	5,827	10,848	276	1,096
Jhubei	Operations Station	10,038	546	2,821	19,492	1,910	1,092	—	3,736	21,909
Hsinchu	Water Treatment Plant	26,882	2,662	9,162	17,028	2,605	14,721	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	10,409
<b>4th Branch</b>		<b>268,795</b>	<b>21,823</b>	<b>120,173</b>	<b>75,120</b>	<b>22,186</b>	<b>63,045</b>	<b>33,645</b>	<b>44,267</b>	<b>134,204</b>
Taichung	Service Center	—	—	—	—	—	—	—	—	—
Fongyuan	Service Center	—	—	—	—	—	—	—	—	—
Dali	Service Center	—	—	—	—	—	—	—	—	—
Houli	Service Center	—	—	—	—	—	—	—	—	—
Cingshuei	Operations Station	4,645	366	7,692	1,520	—	—	—	—	—
Dajia	Operations Station	11,015	—	2,407	—	—	—	—	—	—
Nantou	Operations Station	25,126	3,292	7,433	2,994	—	—	2,391	—	14,043
Caotun	Operations Station	2,649	420	5,112	1,642	—	—	—	—	—
jhushan	Operations Station	10,493	—	340	130	—	—	24	—	14,646
Shalu	Operations Station	16,616	—	97	45	32	209	16,340	18	127
Dongshin	Operations Station	5,122	—	4,761	115	2,264	—	—	—	—
Wufong	Operations Station	8,620	—	3,055	7,818	2,530	—	—	—	—
Wurih	Operations Station	2,240	—	420	—	—	—	—	—	—
Puli	Operations Station	10,555	—	571	1,386	827	—	—	—	—
Shueili	Operations Station	57,032	12,307	18,418	31,403	2,656	5,113	1,098	5,887	8,098
Daya	Operations Station	16,092	—	316	—	3,953	183	—	—	—
Fongyuan	Water Treatment Plant	25,541	396	1,939	7,320	35	5,463	1,411	10,540	49,459
Taichung	Water Treatment Plant	65,239	4,976	57,227	19,801	9,889	46,679	12,374	27,645	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>150,364</b>	<b>4,846</b>	<b>73,846</b>	<b>128,739</b>	<b>57,586</b>	<b>33,008</b>	<b>21,498</b>	<b>74,333</b>	<b>100,159</b>
Chiayi	Service Center	—	—	—	—	—	—	—	—	—
Yijhu	Service Center	17,507	—	6,605	919	21,630	4,586	1,193	—	—
Puzih	Service Center	11,790	—	7,159	2,271	1,002	—	—	—	—
Douliou	Service Center	6,092	2,169	10,321	3,913	1,730	—	—	—	—
Minsyong	Operations Station	13,018	1,782	925	11,914	3,880	10,461	—	1,247	—
Beigang	Operations Station	3,767	25	2,858	7,016	42	—	—	—	—
Huwei	Service Center	16,143	—	3,852	4,037	—	—	—	7,261	—
Siluo	Service Center	7,442	37	1,009	1,527	—	—	—	—	—
Taisi	Operations Station	2,101	—	48	—	—	—	—	—	—
Gukeng	Operations Station	4,293	—	100	8,744	—	122	—	—	—
Douan	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	33,541	202	5,812	39,154	19,862	14,219	3,821	8,230	13,211
Yunlin	Water Treatment Plant	1,925	625	18,672	42,442	7,242	3,344	16,484	56,713	86,948
<b>6th Branch</b>		<b>138,876</b>	<b>17,301</b>	<b>83,566</b>	<b>82,677</b>	<b>61,406</b>	<b>31,377</b>	<b>25,430</b>	<b>30,843</b>	<b>242,692</b>
Tainan	Service Center	9,590	—	1,885	234	—	—	—	—	—
Gueiren	Service Center	16,109	—	233	—	—	—	—	—	—
Jiali	Service Center	16,030	34	108	1,274	—	550	—	—	—
Yongkang	Service Center	1,769	—	12	—	—	6	—	6	—
Sinshih	Service Center	3,413	—	30	—	—	—	—	—	—
Madou	Service Center	8,471	—	—	—	—	—	—	—	—
Sinying	Operations Station	16,831	—	37	—	—	—	—	—	—
Baihe	Operations Station	27,176	840	13,042	1,060	—	—	—	—	—
Yujing	Operations Station	10,127	4,595	1,491	87	—	—	—	—	1,362
Wushantou	Water Treatment Plant	10,854	11,780	24,529	34,815	32,965	20,951	3,467	2,800	57,603
Nanhua	Water Treatment Plant	369	—	367	10,876	—	6	45	22	29,262
Tainan	Water Treatment Plant	18,138	52	41,832	34,331	28,441	8,321	21,918	28,015	152,631
Nanhua and Jingmin Reservoir Management Center		—	—	—	—	—	1,543	—	—	1,834
<b>7th Branch</b>		<b>279,844</b>	<b>16,713</b>	<b>212,741</b>	<b>192,632</b>	<b>65,890</b>	<b>140,949</b>	<b>63,980</b>	<b>78,235</b>	<b>304,925</b>
Sightseeing	Section	—	—	—	—	—	—	—	—	—
Fongshan	Service Center	12	—	—	—	—	—	—	—	—
Lujhu	Service Center	—	—	—	—	—	—	—	—	—
GangShan	Service Center	—	—	—	—	—	—	—	—	—
Nanzih	Service Center	3,692	—	—	—	—	—	—	—	—
Kaohsiung	Service Center	195	—	15	38	240	400	87	—	152
Cishan	Operations Station	8,667	—	86	2,879	—	—	—	—	—
Pingtung	Operations Station	8,195	1,941	19,155	534	367	5,857	—	7,082	—
Dongnag	Operations Station	62,159	—	1,146	31,526	28	31,139	75	4,124	454
Hengchun	Operations Station	—	—	40	—	—	—	—	—	—
Gaoshu	Operations Station	—	—	—	—	—	—	—	—	—
Meinong	Operations Station	267	—	400	—	—	126	—	—	14
Penghu	Operations Station	10,817	—	11,152	—	—	—	—	152	25
Dagangshan	Water Treatment Plant	50,702	7,373	56,970	42,006	19,740	19,877	19,877	18,154	102,011
Chengcing Lake	Water Treatment Plant	86,716	389	64,941	49,081	22,748	22,679	2,983	12,383	67,551
Pingding	Water Treatment Plant	3,969	30	3,989	14,971	1,197	6,966	4,065	981	11,398
Kaotan	Water Treatment Plant	24,605	6,980	30,735	12,940	16,514	14,973	14,985	19,440	34,652
Fongshan	Water Treatment Plant	15,346	—	22,724	23,656	5,046	15,181	13,782	15,181	63,406
Mudan	Water Treatment Plant	4,502	—	1,388	15,001	—	23,751	8,126	738	2,712
Kaohsiung	Water Treatment Plant	—	—	—	—	10	—	—	—	22,551



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>75,389</b>	<b>307</b>	<b>61,597</b>	<b>74,902</b>	<b>166</b>	<b>23,887</b>	—	<b>462</b>	<b>4,054</b>
Guangsing Water Treatment Plant	35,548	271	31,978	34,696	166	17,476	—	428	3,079
Shengou Water Treatment Plant	39,841	36	29,619	40,206	—	6,411	—	34	975
<b>9th Branch</b>	<b>74,791</b>	<b>2,637</b>	<b>51,692</b>	<b>37,224</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	8,790	—	6,263	—	—	—	—	—	—
Yuli Operations Station	7,756	56	14,102	1,727	—	—	—	—	—
Hualien Water Treatment Plant	58,245	2,581	31,327	35,497	539	11,225	72	1,812	361
<b>10th Branch</b>	<b>34,007</b>	—	<b>22,112</b>	<b>12,431</b>	—	<b>3,975</b>	—	<b>212</b>	—
Taitung Operations Station	28,942	—	17,025	12,431	—	3,967	—	212	—
Chihshang Operations Station	—	—	—	—	—	—	—	—	—
Chenggong Operations Station	3,813	—	5,087	—	—	8	—	—	—
Taimali Water Treatment Plant	1,252	—	—	—	—	—	—	—	—
<b>11th Branch</b>	<b>133,432</b>	<b>2,902</b>	<b>53,461</b>	<b>70,931</b>	<b>13,394</b>	<b>24,232</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	34,286	710	4,518	8,489	90	—	2,606	—	—
Ershuei Operations Station	24,215	—	1,414	739	—	—	—	—	—
Lugang Operations Station	16,206	1,104	10,454	11,663	2,994	4,648	4,342	—	4,166
Erlin Operations Station	3,862	6	5,599	21,987	—	6,837	170	—	9
Sihu Operations Station	12,067	—	8,773	12,026	1,185	186	—	64	—
Huatan Operations Station	3,533	—	3,532	27	—	—	—	—	—
Changhua Water Treatment Plant	32,641	260	12,629	14,780	9,125	12,561	3,282	533	18,610
<b>12th Branch</b>	<b>35,452</b>	<b>5,698</b>	<b>29,652</b>	<b>40,352</b>	<b>12,615</b>	<b>27,265</b>	<b>5,838</b>	<b>22,497</b>	<b>117,486</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	30,456	5,686	29,535	40,091	12,615	27,010	5,838	22,446	117,486

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 2016</b>	<b>60,539,411</b>	<b>1,134,317</b>	<b>22,741,418</b>	<b>566,058</b>	<b>31,277,405</b>	<b>122,822</b>	<b>930,851</b>	<b>206,007</b>
<b>1st Branch</b>	<b>2,065,899</b>	<b>108,695</b>	<b>988,206</b>	<b>47,387</b>	<b>740,276</b>	<b>297</b>	<b>43,336</b>	<b>—</b>
Keelung Service Center	575,510	87,631	222,979	14,475	202,611	117	10,603	—
RueiFang Operations Station	173,239	2,386	62,780	1,119	71,676	28	11,824	—
SiJih Operations Station	169,304	2,898	91,526	1,409	69,537	—	—	—
DanShuei Operations Station	546,081	5,744	324,410	3,427	195,316	10	—	—
WanJin Operations Station	159,229	1,084	66,900	97	76,615	—	—	—
WunShan Operations Station	270,384	4,736	128,555	16,662	94,203	—	—	—
GongLiao Operations Station	117,939	775	68,035	2,239	25,498	73	7,934	—
Sinshan Water Treatment Plant	54,213	3,441	23,023	7,959	4,820	69	12,975	—
<b>2nd Branch</b>	<b>5,907,373</b>	<b>99,924</b>	<b>1,868,479</b>	<b>32,286</b>	<b>3,635,051</b>	<b>3,670</b>	<b>92,014</b>	<b>9,818</b>
Guishan Service Center	264,985	5,996	159,353	115	98,851	—	—	—
Taoyuan Service Center	1,032,546	30,637	351,947	781	634,039	—	5,212	—
Chunglee Service Center	922,896	12,065	225,630	11	602,231	—	—	—
Yangmei Service Center	972,052	26,400	243,864	469	660,290	2,191	—	—
Dayuan Service Center	1,461,303	6,405	196,549	104	1,256,383	—	—	—
Linko Service Center	240,511	34	170,044	30	70,107	—	—	—
Longtan Water Treatment Plant	556,325	1,860	208,693	3,365	303,222	—	10,510	—
Pingjhen Water Treatment Plant	263,768	12,836	192,081	11,937	2,737	1,147	32,811	9,818
Danan Water Treatment Plant	192,987	3,691	120,318	15,474	7,191	332	43,481	—
<b>3rd Branch</b>	<b>5,179,171</b>	<b>247,701</b>	<b>2,232,023</b>	<b>50,171</b>	<b>2,517,777</b>	<b>1,981</b>	<b>50,793</b>	<b>12,137</b>
Hsinchu Service Center	9,985	—	7,042	—	2,903	—	—	—
Chutung Operations Station	369,433	7,120	145,303	6,151	205,314	283	50	—
Hukou Operations Station	472,084	12,126	253,083	3,974	189,043	138	3,055	2,455
Chunan Toufen Operations Station	691,884	1,381	257,251	2,502	426,113	—	1,404	—
Miaoli Operations Station	765,195	16,050	286,381	5,475	443,243	68	4,309	—
Tongsiao Tongluo Operations Station	970,570	6,709	433,566	7,420	509,782	—	—	—
Jhubei Operations Station	751,256	5,130	355,028	9,481	359,408	530	7	8,873
Hsinchu Water Treatment Plant	1,050,305	193,227	441,553	9,382	371,626	848	18,529	809
Baoshan Water Treatment Plant	29,248	285	13,200	3,600	7,202	10	4,951	—
Dongsing Water Treatment Plant	69,213	5,673	39,617	2,188	3,143	104	18,488	—
<b>4th Branch</b>	<b>8,693,398</b>	<b>181,062</b>	<b>3,936,197</b>	<b>67,879</b>	<b>3,961,111</b>	<b>3,347</b>	<b>78,016</b>	<b>57,078</b>
Taichung Service Center	1,864	—	1,706	—	93	—	—	—
Fongyuan Service Center	—	—	—	—	—	—	—	—
Dali Service Center	22	—	—	—	22	—	—	—
Houli Service Center	12	—	—	—	12	—	—	—
Cingshuei Operations Station	339,913	1,057	145,136	490	183,750	—	—	—
Dajia Operations Station	531,439	3,137	356,123	326	153,386	—	—	—
Nantou Operations Station	625,682	32,153	378,033	1,751	191,477	32	—	—
Caotun Operations Station	447,730	10,356	227,676	177	192,269	882	—	—
jhushan Operations Station	310,222	3,074	146,763	3,264	135,900	—	—	11,669
Shalu Operations Station	312,676	10,613	160,171	4,198	115,492	45	—	—
Dongshin Operations Station	550,587	4,519	234,949	10,048	268,069	289	—	—
Wufong Operations Station	253,323	8,579	121,941	1,391	94,024	—	6,276	—
Wurih Operations Station	210,265	6,723	55,162	1,963	143,518	—	—	—
Puli Operations Station	394,713	2,743	143,818	4,537	236,209	129	—	—
Shueili Operations Station	884,179	20,483	506,057	3,442	329,286	445	2,355	—
Daya Operations Station	416,732	1,703	153,773	1,043	225,355	—	—	—
Fongyuan Water Treatment Plant	783,115	22,394	340,287	5,204	316,128	1,458	24,221	18,422
Taichung Water Treatment Plant	2,247,649	52,078	752,641	13,207	1,237,721	67	45,036	16,736
Liyutan Water Treatment Plant	383,277	1,450	211,962	16,837	138,401	—	128	10,251
<b>5th Branch</b>	<b>7,764,055</b>	<b>62,731</b>	<b>2,737,179</b>	<b>43,384</b>	<b>4,568,605</b>	<b>100</b>	<b>42,593</b>	<b>25,512</b>
Chiayi Service Center	51,043	—	—	—	50,701	—	—	—
Yijhu Service Center	616,452	1,454	111,418	6,872	463,198	—	421	—
Puzih Service Center	413,689	1,652	124,064	6,030	255,864	—	—	—

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	538,924	1,834	247,040	2,294	272,151	—	8,549	—
Minsyong	Operations Station	486,011	4,016	184,353	1,178	263,297	—	—	—
Beigang	Operations Station	650,902	5,834	149,673	636	474,092	—	—	—
Huwei	Service Center	891,155	3,399	316,772	652	564,036	—	—	—
Siluo	Service Center	654,275	3,590	205,148	75	440,500	—	—	—
Taisi	Operations Station	566,569	2,293	160,013	877	377,085	—	—	—
Gukeng	Operations Station	362,332	475	197,288	872	142,386	100	—	—
Douan	Operations Station	362,801	5,315	107,519	626	239,955	—	—	—
Singang	Operations Station	392,082	207	114,818	630	253,397	—	—	—
Jhuci	Operations Station	515,649	2,167	223,155	5,822	224,796	—	180	—
Chiayi	Water Treatment Plant	1,020,631	30,024	386,710	13,267	544,602	—	33,443	—
Yunlin	Water Treatment Plant	241,540	471	209,208	3,553	2,545	—	—	25,512
<b>6th Branch</b>		<b>7,739,813</b>	<b>178,684</b>	<b>2,558,377</b>	<b>85,139</b>	<b>4,132,549</b>	<b>55,838</b>	<b>151,171</b>	<b>20,918</b>
Tainan	Service Center	305,561	1,248	15,931	538	280,401	7,408	—	—
Gueiren	Service Center	704,567	6,093	206,548	754	433,591	—	—	—
Jiali	Service Center	1,299,954	17,475	278,406	3,834	722,093	5,067	629	—
Yongkang	Service Center	376,337	3,885	194,244	191	164,282	948	900	—
Sinshih	Service Center	1,036,191	9,351	421,625	262	549,497	2,652	—	—
Madou	Service Center	679,584	11,556	172,907	96	434,348	12,715	—	—
Sinying	Operations Station	585,112	10,598	240,703	222	308,318	—	—	—
Baihe	Operations Station	579,938	17,481	255,435	2,020	286,583	—	—	—
Yujing	Operations Station	545,517	1,384	197,144	2,371	311,465	—	814	—
Wushantou	Water Treatment Plant	202,097	4,949	111,145	11,269	10,776	19,955	32,472	11,531
Nanhua	Water Treatment Plant	50,400	—	20,171	22,445	5,525	—	550	—
Tainan	Water Treatment Plant	1,365,749	94,664	436,487	40,606	625,670	7,093	115,164	9,387
Nanhua and Jingmain Reservoir Management Center		8,805	—	7,631	532	—	—	642	—
<b>7th Branch</b>		<b>10,565,502</b>	<b>172,687</b>	<b>2,430,852</b>	<b>160,333</b>	<b>6,116,464</b>	<b>42,499</b>	<b>385,471</b>	<b>49,448</b>
Sightseeing	Section	5,959	—	—	—	5,959	—	—	—
Fongshan	Service Center	62,948	—	6,334	1,599	53,110	—	—	—
Lujhu	Service Center	563,391	398	94,735	23	430,349	—	—	—
Gangshan	Service Center	627,649	1,124	101,125	2,793	475,001	—	—	—
Nanzih	Service Center	684,087	185	118,448	372	478,648	162	2,383	—
Kachsiung	Service Center	129,015	2,229	6,907	277	91,158	—	610	—
Cishan	Operations Station	496,955	4,529	232,833	4,364	209,111	50	40	—
Pingtung	Operations Station	757,967	12,060	236,539	1,582	426,929	—	—	—
Dongnag	Operations Station	1,064,736	10,228	227,826	16,149	497,792	3,770	26,282	—
Hengchun	Operations Station	435,305	3,325	114,029	267	257,217	—	—	—
Gaoshu	Operations Station	167,853	1,357	45,301	1,522	103,325	21	—	—
Meinong	Operations Station	397,412	271	167,318	231	178,562	—	—	—
Penghu	Operations Station	624,668	138	66,038	514	371,717	1,293	—	—
Dagangshan	Water Treatment Plant	430,581	10,333	229,924	29,804	34,394	35	96,253	23,479
Chengcing Lake	Water Treatment Plant	2,334,656	101,134	313,322	28,292	1,662,090	24,123	110,632	7,929
Pingding	Water Treatment Plant	198,398	174	75,719	12,286	83,905	—	11,238	3,552
Kaotan	Water Treatment Plant	1,077,592	10,551	214,345	19,740	620,092	3,368	53,855	—
Fongshan	Water Treatment Plant	382,093	14,651	124,827	11,628	125,904	9,677	69,131	5,613
Mudan	Water Treatment Plant	100,585	—	54,911	18,068	11,201	—	15,047	—
Kachsiung	Water Treatment Plant	23,652	—	372	10,823	—	—	—	8,875
<b>8th Branch</b>		<b>2,433,720</b>	<b>18,475</b>	<b>1,026,939</b>	<b>10,229</b>	<b>1,218,303</b>	<b>3,816</b>	<b>—</b>	<b>—</b>
Guangsing	Water Treatment Plant	1,278,363	16,759	515,447	2,933	646,756	3,701	—	—
Shengou	Water Treatment Plant	1,155,357	1,716	511,492	7,296	571,547	115	—	—
<b>9th Branch</b>		<b>1,800,423</b>	<b>15,339</b>	<b>1,066,957</b>	<b>21,575</b>	<b>482,613</b>	<b>753</b>	<b>8,863</b>	<b>—</b>
Hualien	Service Center	7,966	—	—	—	7,966	—	—	—
JianShoufong	Service Center	1,172	—	—	—	1,172	—	—	—
Fenglin	Operations Station	364,184	814	228,246	596	80,963	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	364,674	756	226,754	2,695	65,681	—	—	—
Hualien	Water Treatment Plant	1,062,426	13,769	611,957	18,284	326,831	615	8,863	—
<b>10th Branch</b>		<b>1,612,465</b>	<b>7,854</b>	<b>1,116,388</b>	<b>8,093</b>	<b>396,592</b>	<b>6,524</b>	—	—
Taitung	Water Treatment Plant	819,152	2,254	566,010	2,654	216,915	6,396	—	—
Chihshang	Water Treatment Plant	340,398	4,247	191,785	1,592	127,054	120	—	—
Chenggong	Water Treatment Plant	283,838	964	222,845	3,237	30,570	8	—	—
Taimali	Water Treatment Plant	169,077	389	135,747	610	22,053	—	—	—
<b>11th Branch</b>		<b>5,015,564</b>	<b>21,500</b>	<b>1,824,590</b>	<b>7,577</b>	<b>2,864,385</b>	<b>536</b>	<b>2,620</b>	<b>22,310</b>
Changhua	Service Center	19,136	209	248	—	18,679	—	—	—
Yuanlin	Operations Station	291,507	2,656	150,702	136	130,849	—	—	—
Beidou	Operations Station	794,943	510	412,417	2,163	352,633	—	—	—
Ershuei	Operations Station	430,635	1,175	249,265	138	165,555	85	—	—
Lugang	Operations Station	654,278	1,429	194,058	28	403,255	—	—	4,142
Erlin	Operations Station	743,479	243	155,363	24	549,109	451	—	—
Sihu	Operations Station	666,025	295	201,492	478	420,715	—	—	—
Huatan	Operations Station	309,217	419	100,434	84	192,015	—	—	—
Changhua	Water Treatment Plant	1,106,344	14,564	360,611	4,526	631,575	—	2,620	18,168
<b>12th Branch</b>		<b>1,762,029</b>	<b>19,665</b>	<b>955,232</b>	<b>32,005</b>	<b>643,680</b>	<b>3,461</b>	<b>75,974</b>	<b>8,786</b>
Banchiau	Service Center	290,194	2,190	146,364	299	141,297	—	—	—
Hsin-chuang	Service Center	243,026	580	122,616	30	119,029	—	—	—
Lujou	Service Center	203,862	83	111,212	113	89,253	—	—	—
Shulin	Service Center	154,031	1,573	101,050	34	50,713	—	—	—
Yingge	Service Center	239,204	233	142,783	334	90,213	—	—	—
Tucheng	Service Center	134,656	1,883	71,342	10	61,316	—	—	—
Taisan	Operations Station	179,473	1,332	95,141	44	77,516	2,011	—	—
Bansin	Water Treatment Plant	317,584	11,791	164,725	31,141	14,343	1,450	75,974	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 2016</b>	<b>142,447</b>	<b>89,406</b>	<b>117,273</b>	<b>1,484,308</b>	<b>901,978</b>	<b>797,479</b>	<b>27,642</b>
<b>1st Branch</b>	<b>7,873</b>	<b>2,263</b>	<b>9,781</b>	<b>42,268</b>	<b>20,426</b>	<b>42,902</b>	<b>12,189</b>
Keelung Service Center	7,009	1,083	—	6,629	3,138	14,903	4,332
RueiFang Operations Station	594	—	—	6,217	9,952	3,429	3,234
SiJhih Operations Station	182	108	—	1,774	—	1,066	804
DanShuei Operations Station	72	—	1,730	10,999	—	4,202	172
WanJin Operations Station	16	—	759	2,509	3,697	7,245	307
WunShan Operations Station	—	—	7,292	12,695	3,639	1,949	653
GongLiao Operations Station	—	363	—	1,445	—	10,108	1,470
Sinshan Water Treatment Plant	—	709	—	—	—	—	1,217
<b>2nd Branch</b>	<b>609</b>	<b>2,102</b>	<b>1,080</b>	<b>138,726</b>	<b>16,671</b>	<b>6,517</b>	<b>427</b>
Guishan Service Center	198	—	—	26	—	446	—
Taoyuan Service Center	411	—	—	6,389	1,141	1,989	—
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	—
Longtan Water Treatment Plant	—	—	—	15,082	12,546	1,047	—
Pingjhen Water Treatment Plant	—	—	—	—	—	—	401
Danan Water Treatment Plant	—	2,102	—	373	—	—	26
<b>3rd Branch</b>	<b>3,185</b>	<b>2,654</b>	<b>135</b>	<b>5,264</b>	<b>24,250</b>	<b>30,202</b>	<b>899</b>
Hsinchu Service Center	—	—	—	—	—	40	—
Chutung Operations Station	294	—	135	—	2,030	2,753	—
Hukou Operations Station	308	—	—	—	—	7,828	75
Chunan Toufen Operations Station	2,038	—	—	—	161	1,034	—
Miaoli Operations Station	205	—	—	991	2,927	5,513	34
Tongsiao Tongluo Operations Station	318	—	—	—	10,993	1,705	77
Jhubei Operations Station	22	2,654	—	1,004	4,362	4,455	302
Hsinchu Water Treatment Plant	—	—	—	3,269	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>23,166</b>	<b>235,738</b>	<b>54,167</b>	<b>66,714</b>	<b>1,057</b>
Taichung Service Center	—	—	—	—	—	65	—
Fongyuan Service Center	—	—	—	—	—	—	—
Dali Service Center	—	—	—	—	—	—	—
Houli Service Center	—	—	—	—	—	—	—
Cingshuei Operations Station	—	—	—	8,972	—	508	—
Dajia Operations Station	—	—	—	2,633	12,529	3,305	—
Nantou Operations Station	33	—	11,621	3,346	6,942	204	90
Caotun Operations Station	35	—	3,956	3,165	1,608	7,598	8
jhushan Operations Station	38	—	2,168	3,940	—	3,406	—
Shalu Operations Station	4,250	866	—	—	—	17,041	—
Dongshin Operations Station	969	20	306	10,424	14,141	6,775	78
Wufong Operations Station	—	—	—	20,814	298	—	—
Wurih Operations Station	—	—	—	2,789	—	110	—
Puli Operations Station	395	89	12	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	8,298	—
Fongyuan Water Treatment Plant	94	4,659	3,675	42,709	—	3,864	—
Taichung Water Treatment Plant	—	6,843	—	120,347	—	2,957	16
Liyutan Water Treatment Plant	39	—	1,428	—	756	2,025	—
<b>5th Branch</b>	<b>54,522</b>	<b>4,925</b>	<b>1,444</b>	<b>145,256</b>	<b>16,061</b>	<b>61,474</b>	<b>269</b>
Chiayi Service Center	—	—	—	—	—	342	—
Yijhu Service Center	—	4,925	—	16,718	781	10,665	—
Puzih Service Center	—	—	72	17,427	2,304	6,276	—

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	5,290	—	618	140
Minsyong	Operations Station	—	—	412	25,305	650	6,716	84
Beigang	Operations Station	496	—	—	11,975	4,574	3,622	—
Huwei	Service Center	—	—	—	5,035	—	1,261	—
Siluo	Service Center	—	—	—	—	267	4,695	—
Taisi	Operations Station	—	—	436	14,903	6,565	4,397	—
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	52,650	—	100	3,574	—	3,205	—
Chiayi	Water Treatment Plant	—	—	185	3,926	400	8,074	—
Yunlin	Water Treatment Plant	—	—	—	—	—	251	—
<b>6th Branch</b>		<b>28,604</b>	<b>15,758</b>	<b>2,176</b>	<b>286,218</b>	<b>125,858</b>	<b>98,523</b>	<b>—</b>
Tainan	Service Center	—	—	—	—	—	35	—
Gueiren	Service Center	4,022	—	—	7,135	27,619	18,805	—
Jiali	Service Center	3,734	—	—	203,503	47,106	18,107	—
Yongkang	Service Center	—	—	—	6,900	1,771	3,216	—
Sinshih	Service Center	62	5,981	240	16,614	13,745	16,162	—
Madou	Service Center	7,068	315	264	17,165	11,345	11,805	—
Sinying	Operations Station	3,042	—	—	6,125	5,602	10,502	—
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	16,498	—
Nanhua and Jingmain Reservoir Management Center		—	—	—	—	—	—	—
<b>7th Branch</b>		<b>27,575</b>	<b>39,924</b>	<b>69,548</b>	<b>459,703</b>	<b>417,919</b>	<b>185,526</b>	<b>7,554</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	10,657	—
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	2,182	24,699	2,527	14,570	—
Pingtung	Operations Station	1,628	578	355	18,104	57,851	2,341	—
Dongnag	Operations Station	10,093	33,623	14,032	92,137	121,241	11,564	—
Hengchun	Operations Station	1,564	—	—	12,839	45,495	535	34
Gaoshu	Operations Station	170	—	1,375	11,261	3,409	112	—
Meinong	Operations Station	5,683	—	620	37,298	3,712	3,415	302
Penghu	Operations Station	—	—	20,183	22,990	52,193	89,602	—
Dagangshan	Water Treatment Plant	3,556	—	2,441	—	—	—	362
Chengcing Lake	Water Treatment Plant	285	14	6,630	50,952	24,063	3,007	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	1,507	18
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>9,253</b>	<b>20,034</b>	<b>122,672</b>	<b>29</b>
Guangsing	Water Treatment Plant	410	—	—	709	16,472	75,147	29
Shengou	Water Treatment Plant	160	—	3,400	8,544	3,562	47,525	—
<b>9th Branch</b>		<b>888</b>	<b>—</b>	<b>612</b>	<b>118,754</b>	<b>66,242</b>	<b>14,114</b>	<b>3,713</b>
Hualien	Service Center	—	—	—	—	—	—	—
JianShoufong	Service Center	—	—	—	—	—	—	—
Fenglin	Operations Station	15	—	—	30,123	16,753	5,626	910

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	—	—	37,449	26,899	4,328	52
Hualien	Water Treatment Plant	813	—	612	51,182	22,590	4,160	2,751
<b>10th Branch</b>		<b>7,662</b>	<b>—</b>	<b>1,823</b>	<b>19,262</b>	<b>40,878</b>	<b>7,082</b>	<b>308</b>
Taitung	Water Treatment Plant	1,648	—	953	9,612	8,853	3,835	22
Chihshang	Water Treatment Plant	5,225	—	—	7,205	88	3,082	—
Chenggong	Water Treatment Plant	139	—	180	119	25,429	61	286
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>12,907</b>	<b>93,298</b>	<b>160,230</b>	<b>69</b>
Changhua	Service Center	—	—	—	—	—	—	—
Yuanlin	Operations Station	23	—	130	—	2,753	4,258	—
Beidou	Operations Station	—	—	756	3,282	5,918	17,264	—
Ershuei	Operations Station	—	—	—	984	1,083	12,350	—
Lugang	Operations Station	30	—	625	—	19,076	31,635	—
Erlin	Operations Station	22	—	360	3,337	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>3,440</b>	<b>—</b>	<b>—</b>	<b>10,959</b>	<b>6,174</b>	<b>1,525</b>	<b>1,128</b>
Banchiau	Service Center	—	—	—	—	—	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	—	—	1,128

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
民國 95 年底	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
below 65 mm	4,172,951	1,177	3,256	3,278	3,943,680	—	—	—
80 mm	4,518,840	56,000	10,862	3,602	4,307,818	6,463	—	—
100 mm	19,760,934	170,013	6,495,361	28,899	11,396,988	7,725	1,315	—



Table 19 The Length of Distribution Pipe Network Laundry List

Unit: M

Period & Meter Diameter	Total	CIP	DIP	SP	PVCP	RCP	PSCP	PCCP
125 mm	510,480	4,867	678	1,856	404,556	—	—	—
150 mm	8,584,060	230,149	1,451,760	18,011	6,197,835	21,377	2,305	—
200 mm	10,538,875	173,596	6,497,031	29,640	3,199,940	9,907	1,233	—
250 mm	1,054,699	80,172	163,467	14,585	781,908	8,398	471	—
300 mm	4,956,201	163,162	3,966,872	36,099	726,371	4,721	18,119	—
350 mm	373,052	58,344	135,512	4,703	162,130	41	3,209	—
400 mm	1,592,453	72,586	1,291,264	23,923	143,634	4,411	9,179	—
450 mm	101,469	20,234	59,814	2,654	2,584	685	15,018	—
500 mm	912,788	55,375	719,004	32,405	3,980	3,731	91,544	—
600 mm	971,609	39,536	731,163	31,749	5,982	18,688	133,981	—
700 mm	286,389	2,895	167,749	20,526	—	8,626	84,364	—
800 mm	480,725	4,069	253,050	62,767	—	8,300	136,038	—
900 mm	217,841	2,001	107,571	39,340	—	5,865	62,079	—
1,000 mm	421,789	73	289,131	39,152	—	942	90,637	622
1,100 mm	54,083	—	15,190	4,279	—	—	29,423	—
1,200 mm	263,114	65	179,298	31,677	—	573	51,054	—
1,350 mm	183,139	3	59,731	21,840	—	140	36,654	60,871
1,500 mm	212,622	—	72,671	33,319	—	2,521	60,222	43,821
1,650 mm	9,524	—	830	740	—	6,459	1,481	—
over 1,750 mm	361,775	—	70,154	81,017	—	3,249	102,525	100,693

Table 19 The Length of Distribution Pipe Network Laundry List

Period & Meter Diameter	Unit: M						
	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
民國 95 年底	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
below 65 mm	45,858	1,947	4,680	9,107	31,719	124,976	3,273
80 mm	27,404	1,786	6,228	62,581	13,618	22,372	106
100 mm	10,604	4,343	10,797	600,692	543,303	486,771	4,124



**Table 20 The Analysis of Capacity**

End of 2016

Unit: M<sup>3</sup>

Pipe  Meter Diameter	Total	CIP		DIP		SP		PVC		RCP		PSCP	
		Capacity	Percentage (%)	Capacity	Percentage (%)	Capacity	Percentage (%)	Capacity	Percentage (%)	Capacity	Percentage (%)	Capacity	Percentage (%)
<b>Total</b>	<b>4,775,361</b>	<b>71,231</b>	<b>1.49</b>	<b>2,247,411</b>	<b>47.06</b>	<b>539,346</b>	<b>11.29</b>	<b>461,885</b>	<b>9.67</b>	<b>51,769</b>	<b>1.08</b>	<b>790,033</b>	<b>16.54</b>
below 65mm	9,421	2	0.02	7	0.07	7	0.07	8,951	95.01	—	—	—	—
80mm	22,483	255	1.13	49	0.22	17	0.08	21,460	95.45	28	0.13	—	—
100mm	156,763	1,343	0.86	51,313	32.73	228	0.15	90,036	57.43	61	0.04	10	0.01
125mm	6,279	60	0.95	8	0.13	23	0.36	4,976	79.25	—	—	—	—
150mm	152,194	4,074	2.68	25,696	16.88	319	0.21	109,702	72.08	378	0.25	41	0.03
200mm	331,021	5,451	1.65	204,007	61.63	931	0.28	100,478	30.35	311	0.09	39	0.01
250mm	51,788	3,936	7.60	8,026	15.50	716	1.38	38,392	74.13	412	0.80	23	0.04
300mm	350,502	11,536	3.29	280,458	80.02	2,552	0.73	51,354	14.65	334	0.10	1,281	0.37
350mm	35,889	5,613	15.64	13,036	36.32	452	1.26	15,597	43.46	4	0.01	309	0.86
400mm	200,171	9,124	4.56	162,312	81.09	3,007	1.50	18,055	9.02	554	0.28	1,154	0.58
450mm	16,134	3,217	19.94	9,510	58.95	422	2.62	411	2.55	109	0.68	2,388	14.80
500mm	179,272	10,876	6.07	141,212	78.77	6,364	3.55	782	0.44	733	0.41	17,979	10.03
600mm	274,674	11,177	4.07	206,700	75.25	8,975	3.27	1,691	0.62	5,283	1.92	37,876	13.79
700mm	110,207	1,114	1.01	64,550	58.57	7,898	7.17	—	—	3,320	3.01	32,463	29.46
800mm	241,660	2,045	0.85	127,208	52.64	31,553	13.06	—	—	4,172	1.73	68,386	28.30
900mm	138,591	1,273	0.92	68,436	49.38	25,028	18.06	—	—	3,731	2.69	39,495	28.50
1,000mm	331,273	57	0.02	227,083	68.55	30,750	9.28	—	—	740	0.22	71,186	21.49
1,100mm	51,395	—	—	14,435	28.09	4,066	7.91	—	—	—	—	27,960	54.40
1,200mm	297,582	74	0.02	202,787	68.14	35,826	12.04	—	—	648	0.22	57,742	19.40
1,350mm	262,370	4	0.00	85,499	32.59	31,261	11.91	—	—	200	0.08	52,467	20.00
1,500mm	375,746	—	—	128,424	34.18	58,880	15.67	—	—	4,455	1.19	106,424	28.32
1,650mm	20,068	—	—	1,669	8.32	1,582	7.88	—	—	13,811	68.82	2,978	14.84
over1,750mm	1,159,879	—	—	224,985	19.40	288,487	24.87	—	—	12,481	1.08	269,832	23.26

**Table 20 The Analysis of Capacity**

End of 2016

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>10.63</b>	<b>2,056</b>	<b>0.04</b>	<b>13,326</b>	<b>0.28</b>	<b>5,646</b>	<b>0.12</b>	<b>37,460</b>	<b>0.78</b>	<b>13,472</b>	<b>0.28</b>	<b>8,950</b>	<b>0.19</b>	<b>25,132</b>	<b>0.53</b>
below 65mm	—	—	102	1.08	4	0.04	9	0.10	18	0.19	63	0.67	251	2.66	7	0.07
80mm	—	—	129	0.57	9	0.04	29	0.13	312	1.39	82	0.36	112	0.50	1	0.00
100mm	—	—	84	0.05	34	0.02	95	0.06	4,745	3.03	4,934	3.15	3,845	2.45	33	0.02
125mm	—	—	68	1.09	135	2.15	—	—	977	15.56	28	0.44	—	—	4	0.06
150mm	—	—	170	0.11	—	—	1,493	0.98	6,765	4.44	2,388	1.57	1,131	0.74	37	0.02
200mm	—	—	1,250	0.38	113	0.03	173	0.05	9,502	2.87	5,956	1.80	2,735	0.83	75	0.02
250mm	—	—	4	0.01	—	—	—	—	243	0.47	20	0.04	3	0.01	12	0.02
300mm	—	—	246	0.07	132	0.04	171	0.05	1,354	0.39	—	—	869	0.25	217	0.06
350mm	—	—	—	—	737	2.05	—	—	33	0.09	—	—	—	—	108	0.30
400mm	—	—	3	0.00	4,987	2.49	106	0.05	604	0.30	—	—	4	0.00	261	0.13
450mm	—	—	—	—	—	—	—	—	76	0.47	—	—	—	—	—	—
500mm	—	—	—	—	402	0.22	159	0.09	591	0.33	—	—	—	—	174	0.10
600mm	—	—	—	—	1,201	0.44	—	—	1,532	0.56	—	—	—	—	238	0.09
700mm	—	—	—	—	273	0.25	97	0.09	459	0.42	—	—	—	—	31	0.03
800mm	—	—	—	—	5,294	2.19	—	—	2,737	1.13	—	—	—	—	264	0.11
900mm	—	—	—	—	6	0.00	108	0.08	422	0.30	—	—	—	—	91	0.07
1,000mm	489	0.15	—	—	—	—	—	—	—	—	—	—	—	—	968	0.29
1,100mm	—	—	—	—	—	—	—	—	4,486	8.73	—	—	—	—	447	0.87
1,200mm	—	—	—	—	—	—	—	—	—	—	—	—	—	—	506	0.17
1,350mm	87,131	33.21	—	—	—	—	3,205	1.22	2,602	0.99	—	—	—	—	—	—
1,500mm	77,440	20.61	—	—	—	—	—	—	—	—	—	—	—	—	122	0.03
1,650mm	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28	0.14
over1,750mm	342,585	29.54	—	—	—	—	—	—	—	—	—	—	—	—	21,510	1.85

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

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
1st Branch	214	436,039	14,692	—	57,033	4,515	—	189,914	7,166	—	180,241	2,389
2nd Branch	90	870,114	12,711	—	32,294	1,039	—	541,397	9,200	—	273,617	1,246
3rd Branch	182	511,863	7,612	—	59,212	1,098	—	353,472	5,059	—	91,474	822
4th Branch	456	1,173,515	36,598	—	115,319	8,814	—	1,001,219	23,750	—	41,895	1,911
5th Branch	563	518,114	9,758	—	166,786	4,105	—	187,547	2,849	—	159,643	2,408
6th Branch	362	714,736	18,599	—	144,464	3,310	—	492,077	9,749	—	68,751	4,371
7th Branch	650	1,212,843	29,125	—	284,750	11,266	—	685,327	13,123	—	222,974	2,416
8th Branch	120	171,209	2,017	—	12,919	510	—	92,687	814	—	63,382	467
9th Branch	200	109,716	2,057	—	22,799	904	—	69,809	976	—	15,677	124
10th Branch	153	66,728	16,442	—	21,318	8,730	—	41,564	5,832	—	3,311	1,613
11th Branch	347	373,490	3,960	—	60,277	707	—	304,940	2,737	—	5,641	284
12th Branch	72	870,158	19,387	—	71,520	3,845	—	436,902	9,766	—	327,467	4,848

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



**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
1st Branch	—	7,277	448	6	706	68	6	577	65	31	207	27	33	63	6
2nd Branch	—	17,833	515	—	2,553	364	1	1,628	222	9	613	75	11	111	23
3rd Branch	—	6,102	273	4	683	111	5	523	134	28	252	73	32	63	12
4th Branch	—	11,940	1,857	—	1,854	148	10	941	73	31	253	28	109	45	9
5th Branch	—	2,952	283	8	771	68	21	270	27	33	102	14	144	33	3
6th Branch	1	6,816	906	2	1,438	112	14	767	80	57	292	39	54	70	9
7th Branch	5	13,914	979	59	2,429	530	159	2,269	455	69	801	229	96	245	63
8th Branch	—	1,776	125	10	243	56	4	118	13	8	67	25	12	9	2
9th Branch	—	1,162	15	6	143	30	21	81	5	50	33	1	33	8	2
10th Branch	2	415	245	9	55	8	21	49	10	45	14	4	30	2	—
11th Branch	—	1,928	147	—	465	58	1	171	19	38	52	6	69	10	1
12th Branch	—	30,724	610	—	2,146	142	—	994	121	8	336	49	6	48	3

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
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

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
1st Branch	43	14	5	15	5	2	38	2	1	1	—	—	18	—	—
2nd Branch	6	44	17	1	5	1	10	18	9	2	—	—	8	1	—
3rd Branch	24	54	20	6	8	4	17	20	6	4	—	—	11	—	—
4th Branch	151	16	5	27	—	—	57	25	3	7	—	—	20	3	—
5th Branch	117	7	1	20	1	—	81	1	—	8	—	—	36	—	—
6th Branch	77	30	10	5	1	1	53	27	12	7	—	—	15	1	—
7th Branch	104	68	21	21	16	5	43	30	13	2	7	10	10	4	6
8th Branch	14	6	3	6	—	—	36	2	2	3	—	—	12	—	—
9th Branch	44	3	—	14	—	—	23	1	—	—	—	—	—	—	—
10th Branch	34	—	—	1	—	—	6	—	—	—	—	—	—	—	—
11th Branch	142	3	—	13	2	1	51	1	—	3	—	—	15	—	—
12th Branch	5	18	2	—	1	1	7	1	—	—	—	—	2	—	—

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
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

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
1st Branch	—	—	—	3	—	—	5	—	—	4	—	—	1	—	—	10	—	—
2nd Branch	—	—	—	5	—	—	8	—	—	2	—	—	5	—	—	22	—	—
3rd Branch	2	—	—	9	—	—	14	—	—	2	—	—	9	—	—	15	—	—
4th Branch	2	—	—	6	2	—	3	—	—	—	—	—	9	2	—	24	1	—
5th Branch	1	—	—	34	1	—	27	—	—	5	—	—	6	—	—	22	—	—
6th Branch	1	—	—	13	1	—	12	1	—	4	—	—	12	—	—	35	—	—
7th Branch	2	—	—	8	5	7	16	—	—	1	—	—	11	1	—	44	3	2
8th Branch	—	—	—	5	—	—	6	—	—	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	—	—	3	—	—	29	—	—

Table 22 Annual Balance Sheet

Unit:\$1,000

Item	FY 1974		FY 1975		FY 1976		FY 1977	
	Amount	Percentage (%)	Amount	Percentage (%)	Amount	Percentage (%)	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 (%)	Amount	Percentage (%)	Amount	Percentage (%)	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 (%)	Amount	Percentage (%)	Amount	Percentage (%)	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 1986		FY 1987		FY 1988		FY 1989	
	Amount	Percentage (%)	Amount	Percentage (%)	Amount	Percentage (%)	Amount	Percentage (%)
<b>Assets</b>	<b>38,681,857</b>	<b>100.00</b>	<b>42,182,065</b>	<b>100.00</b>	<b>45,630,206</b>	<b>100.00</b>	<b>50,633,055</b>	<b>100.00</b>
<b>Current Assets</b>	<b>1,145,312</b>	<b>2.96</b>	<b>1,581,634</b>	<b>3.75</b>	<b>1,374,091</b>	<b>3.01</b>	<b>2,124,851</b>	<b>4.20</b>
Cash	310,474		378,909		492,408		983,498	
Receivables	45,134		44,154		63,849		83,450	
Inventories	358,482		349,266		346,559		469,556	
Prepayments	214,396		501,328		276,314		529,729	
Short-Term Advance Pay	216,826		307,977		194,910		58,405	
Short-Term Investments	—		—		51		212	
Other Current Assets	—		—		—		—	
<b>Funds, Investments and Long-Term</b>	<b>—</b>	<b>—</b>	<b>34,047</b>	<b>0.08</b>	<b>36,413</b>	<b>0.08</b>	<b>42,628</b>	<b>0.08</b>
<b>Accounts Receivables</b>								
Funds	—		34,047		36,413		42,628	
Long-Term Accounts Receivables	—		—		—		—	
Long-Term Investments	—		—		—		—	
<b>Fixed Assets</b>	<b>37,188,988</b>	<b>96.14</b>	<b>40,217,823</b>	<b>95.34</b>	<b>43,799,346</b>	<b>95.99</b>	<b>47,992,947</b>	<b>94.79</b>
Land	1,925,812		2,414,870		2,455,071		2,519,625	
Land Improvements	—		—		—		—	
Buildings and Structures	1,395,616		1,531,203		1,739,701		1,776,265	
Machinery and Equipment	27,396,968		29,234,674		32,740,387		34,190,223	
Transportation Equipment	143,215		151,470		251,331		275,943	
Miscellaneous Equipment	82,471		73,150		65,198		61,804	
Fixed Assets in Process	6,244,906		6,812,457		6,547,658		9,169,087	
Accumulated loss-Fixed Assets	—		—		—		—	
<b>Intangible Assets</b>	<b>—</b>		<b>—</b>		<b>—</b>		<b>—</b>	
<b>Other Assets</b>	<b>347,557</b>	<b>0.90</b>	<b>348,561</b>	<b>0.83</b>	<b>420,356</b>	<b>0.92</b>	<b>472,629</b>	<b>0.93</b>
<b>Liabilities</b>	<b>12,643,490</b>	<b>32.69</b>	<b>13,254,141</b>	<b>31.42</b>	<b>13,875,114</b>	<b>30.41</b>	<b>15,945,358</b>	<b>31.49</b>
<b>Current Liabilities</b>	<b>1,210,325</b>	<b>3.13</b>	<b>1,453,780</b>	<b>3.45</b>	<b>1,669,020</b>	<b>3.66</b>	<b>1,883,123</b>	<b>3.72</b>
Short-Term Debts	33,693		15,693		47,952		87,211	
Payables	1,060,560		1,332,279		1,473,478		1,586,023	
Advance Receipts	116,072		105,807		147,591		209,888	
<b>Long-Term Liabilities</b>	<b>11,192,060</b>	<b>28.93</b>	<b>11,563,218</b>	<b>27.41</b>	<b>11,819,957</b>	<b>25.90</b>	<b>13,651,271</b>	<b>26.96</b>
<b>Other Liabilities</b>	<b>241,105</b>	<b>0.62</b>	<b>237,143</b>	<b>0.56</b>	<b>386,137</b>	<b>0.85</b>	<b>410,964</b>	<b>0.81</b>
<b>Owner's Equity</b>	<b>26,038,367</b>	<b>67.31</b>	<b>28,927,924</b>	<b>68.58</b>	<b>31,755,092</b>	<b>69.59</b>	<b>34,687,697</b>	<b>68.51</b>
<b>Capital</b>	<b>10,895,026</b>	<b>28.17</b>	<b>11,909,488</b>	<b>28.23</b>	<b>15,805,853</b>	<b>34.64</b>	<b>17,215,896</b>	<b>34.00</b>
<b>Surplus and Earnings</b>	<b>15,143,341</b>	<b>39.15</b>	<b>17,018,436</b>	<b>40.35</b>	<b>15,949,240</b>	<b>34.95</b>	<b>17,471,802</b>	<b>34.51</b>
Capital Surplus	12,936,932		14,155,614		12,868,432		14,192,425	
Operating Surplus	832,500		898,141		2,592,761		3,143,932	
Accumulated Profit	1,373,909		1,964,681		488,047		135,444	
<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 (%)	Amount	Percentage (%)	Amount	Percentage (%)	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 (%)	Amount	Percentage (%)	Amount	Percentage (%)	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 (%)	Amount	Percentage (%)	Amount	Percentage (%)	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>								
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 (%)	Amount	Percentage (%)	Amount	Percentage (%)	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>								
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

項 目	2013		2014	
	Amount	Percentage (%)	Amount	Percentage (%)
<b>Assets</b>	<b>274,386,234</b>	<b>100.00</b>	<b>282,544,273</b>	<b>100.00</b>
<b>Current Assets</b>	<b>1,297,149</b>	<b>0.47</b>	<b>1,379,495</b>	<b>0.49</b>
Cash	436,028		542,202	
Receivables	196,617		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>266,417,736</b>	<b>97.10</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	164,917,515		164,999,450	
Transportation Equipment	278,242		320,439	
Miscellaneous Equipment	177,965		177,599	
Fixed Assets in Process	12,978,721		21,237,952	
<b>Investment Proptrty</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>6,153,922</b>	<b>2.24</b>	<b>5,934,909</b>	<b>2.10</b>
<b>Liabilities</b>	<b>98,243,089</b>	<b>35.80</b>	<b>104,199,869</b>	<b>36.88</b>
<b>Current Liabilities</b>	<b>25,418,426</b>	<b>9.26</b>	<b>27,894,851</b>	<b>9.87</b>
Short-Term Debts	18,292,723		19,371,292	
Payables	6,887,792		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>176,143,144</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>17,996,298</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	2,492,269		2,500,115	
Retained Earnings--unappropriated	437,691		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>



Unit:\$1,000

項 目	2015		2016	
	Amount	Percentage (%)	Amount	Percentage (%)
<b>Assets</b>	<b>289,560,608</b>	<b>100.00</b>	<b>296,712,164</b>	<b>100.00</b>
<b>Current Assets</b>	<b>1,676,626</b>	<b>0.58</b>	<b>1,745,418</b>	<b>0.59</b>
Cash	523,195		672,179	
Receivables	494,080		369,330	
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>288,956,264</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		246,825	
Miscellaneous Equipment	160,998		160,775	
Fixed Assets in Process	21,921,679		24,111,673	
<b>Investment Proptrty</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>5,439,030</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>182,466,023</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>17,195,376</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		-370,596	
<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 23 Annual Total Revenue, Expenses and Net Income

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	30,038,748	28,741,619	95.68	1,297,129	4.32

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	30,038,748	28,867,919	96.10	1,170,829	3.90

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
2016	28,867,919	96.10	26,206,184	87.24	2,661,735	8.86

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>1,170,829</b>	<b>3.90</b>	<b>95,221</b>	<b>0.32</b>	<b>1,075,608</b>	<b>3.58</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	28,741,619	27,257,111	94.83	1,734,583	6.04	-250,075	-0.87

**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	27,257,111	94.83	22,204,775	77.26	1,604,230	5.58	2,340,288	8.14	1,060,984	3.69	46,834	0.16



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	1.86	1,198,561	4.17

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	288,956,264	342,063	296,712,164	41,075,985	114,246,141	182,466,023

**Table 30 Annual Financial Structure**

Year	Long-Term Fund (7)=(4)+(6)	Net Worth Ratio(%) (6)÷(3)	Debt-equity 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	223,542,008	61.50	62.61	158.55	129.42

Table 31 Annual Return on Investment

Unit:\$1,000

Year	Operating Income (1)	Sale of Waste (2)	Total Cost of Water Supplied (3)=(4)+(5)+ (6)+(7)+(8)	Cost of Water Supplied (4)	Admini- strative Expense (5)	Overhead Expense (6)	Other Operating Expenses (7)
FY 1974	271,067	185,976	216,666	151,487	35,665	15,502	-
FY 1975	949,036	688,458	666,086	473,744	110,748	44,165	-
FY 1976	1,385,610	1,028,461	906,578	601,211	171,504	57,794	-
FY 1977	1,670,572	1,200,307	1,241,790	708,189	208,723	63,879	-
FY 1978	1,943,255	1,378,779	1,494,920	874,331	225,799	72,309	-
FY 1979	2,379,071	1,690,679	1,836,718	1,104,062	267,122	84,033	-
FY 1980	3,376,531	2,617,045	2,458,269	1,498,327	318,294	102,969	-
FY 1981	3,919,342	2,907,376	3,241,737	2,042,242	380,634	118,275	-
FY 1982	4,708,745	3,643,217	3,824,517	2,518,260	464,217	133,992	-
FY 1983	5,823,489	4,845,855	4,440,243	2,996,950	571,202	158,565	-
FY 1984	6,228,317	5,332,432	5,080,163	3,289,160	698,285	167,827	-
FY 1985	6,591,390	5,692,433	5,431,355	3,661,145	705,588	191,153	-
FY 1986	6,870,111	6,007,593	5,890,452	4,027,633	868,358	203,951	-
FY 1987	7,286,145	6,369,260	5,801,590	4,221,086	752,571	218,347	-
FY 1988	8,228,193	7,013,290	7,149,304	4,945,141	1,297,597	273,512	-
FY 1989	9,009,658	7,608,689	7,718,694	5,594,992	1,100,902	332,219	-
FY 1990	9,715,997	8,222,554	8,575,979	6,271,180	1,152,729	382,171	-
FY 1991	10,572,985	8,787,761	9,199,256	6,697,288	1,337,619	432,952	-
FY 1992	12,405,962	10,243,565	10,257,355	7,431,860	1,498,141	454,858	-
FY 1993	16,286,605	13,196,225	13,540,380	9,257,356	1,867,129	625,004	-
FY 1994	18,321,625	13,911,867	14,980,580	10,001,568	2,012,538	593,292	-
FY 1995	20,297,060	15,630,589	16,691,961	11,089,582	2,293,551	608,864	-
FY 1996	20,319,034	16,360,626	17,231,469	11,953,531	2,035,242	781,068	31,866
FY 1997	20,048,372	16,347,024	17,284,625	11,633,730	2,209,078	775,292	32,317
FY 1998	21,851,388	18,910,332	19,364,809	13,434,723	2,219,093	830,874	40,866
FY 1999	22,952,845	19,867,111	20,497,951	14,307,425	2,324,914	890,518	44,973
FY 2000	34,480,215	31,363,541	30,763,516	21,738,193	3,542,330	1,406,811	66,111
2001	22,994,325	21,376,684	20,786,111	15,005,130	2,242,451	955,881	46,172
2002	22,597,370	21,082,276	21,495,001	16,563,100	2,528,605	1,067,996	47,429
2003	23,293,957	21,589,235	21,541,948	17,150,594	2,395,847	1,070,618	42,741
2004	24,032,253	22,039,862	22,646,208	18,329,916	2,348,190	1,119,304	50,827
2005	24,884,677	22,557,575	22,414,760	18,094,663	2,322,264	1,119,856	46,860
2006	25,846,837	23,335,518	23,578,874	19,000,132	2,423,749	1,209,560	60,464
2007	26,366,228	23,791,970	23,895,214	19,197,753	2,403,266	1,230,523	61,149
2008	26,176,967	23,967,379	24,254,390	19,672,628	2,205,029	1,241,316	65,260
2009	24,649,851	22,800,208	24,093,370	20,178,039	2,257,828	1,181,045	75,105
2010	25,982,378	24,060,360	24,431,684	20,618,556	2,291,599	1,083,248	65,494
2011	26,478,122	24,326,123	24,947,965	20,900,221	2,374,830	1,120,099	63,131
2012	26,739,893	24,610,556	25,116,320	21,013,933	2,367,321	1,140,405	60,797
2013	27,525,234	25,103,560	25,524,519	21,464,077	2,285,316	1,085,350	52,260
2014	28,344,547	25,885,027	26,286,186	22,294,562	2,229,013	1,095,109	48,184
2015	28,348,588	25,651,249	27,958,659	23,292,606	2,721,037	1,291,397	46,012
2016	28,867,919	26,206,184	26,188,904	22,204,775	2,340,288	1,060,984	46,834

Table 31 Annual Return on Investment

Unit:\$1,000

Year	Financial Expenses (8)	Profit/Loss from Water Supplied (9)=(2)-(3)	Net Income (10)	Average Owner's Equity (11)	Return on Water Investment(%) (12)=(9)÷(11)	Return on Equity(%) (13)=(10)÷(11)
FY 1974	14,013	-30,690	-11,600	2,087,396	-1.47	-0.56
FY 1975	37,430	22,371	64,516	2,603,804	0.86	2.48
FY 1976	76,069	121,883	175,003	3,599,198	3.39	4.86
FY 1977	260,999	-41,483	104,695	4,473,108	-0.93	2.34
FY 1978	322,481	-116,141	43,822	4,939,512	-2.35	0.89
FY 1979	381,501	-146,040	46,326	5,268,215	-2.77	0.88
FY 1980	538,679	158,776	252,502	6,192,404	2.56	4.08
FY 1981	700,586	-334,360	-99,974	8,428,618	-3.97	-1.19
FY 1982	708,048	-181,300	42,430	11,804,372	-1.54	0.36
FY 1983	713,526	405,612	528,487	15,119,472	2.68	3.50
FY 1984	924,892	252,269	369,925	17,553,166	1.44	2.11
FY 1985	873,470	261,078	410,140	21,405,591	1.22	1.92
FY 1986	790,510	117,141	291,990	25,185,642	0.47	1.16
FY 1987	609,586	567,670	666,104	27,483,146	2.07	2.42
FY 1988	633,054	-136,014	221,115	30,341,508	-0.45	0.73
FY 1989	690,581	-110,004	208,528	33,221,395	-0.33	0.63
FY 1990	769,899	-353,425	139,853	36,441,911	-0.97	0.38
FY 1991	731,396	-411,495	52,809	40,086,241	-1.03	0.13
FY 1992	872,496	-13,790	513,272	44,460,076	-0.03	1.15
FY 1993	1,790,891	-344,155	-189,193	48,747,312	-0.71	-0.39
FY 1994	2,373,182	-1,068,714	690,440	65,143,135	-1.64	1.06
FY 1995	2,699,964	-1,061,372	1,268,453	82,547,581	-1.29	1.54
FY 1996	2,429,761	-870,842	384,941	89,154,994	-0.98	0.43
FY 1997	2,634,208	-937,602	424,558	99,948,264	-0.94	0.42
FY 1998	2,839,253	-454,477	324,797	108,933,515	-0.42	0.30
FY 1999	2,930,120	-630,839	596,129	115,256,363	-0.55	0.52
FY 2000	4,010,071	600,026	90,925	122,064,864	0.49	0.07
2001	2,536,476	590,573	392,415	129,825,757	0.45	0.30
2002	1,287,872	-412,725	93,202	136,988,949	-0.30	0.07
2003	882,147	47,288	109,179	140,855,960	0.03	0.08
2004	797,970	-606,346	9,688	143,880,798	-0.42	0.01
2005	831,118	142,815	445,889	145,852,814	0.10	0.31
2006	884,968	-243,356	295,843	147,966,168	-0.16	0.20
2007	1,002,522	-103,243	223,623	149,418,745	-0.07	0.15
2008	1,070,155	-287,011	88,520	150,686,243	-0.19	0.06
2009	401,352	-1,293,162	-1,166,972	161,202,430	-0.80	-0.72
2010	372,787	-371,324	-132,873	174,476,902	-0.21	-0.08
2011	489,684	-621,842	-327,943	179,459,742	-0.35	-0.18
2012	533,864	-505,764	-395,400	180,643,891	-0.28	-0.22
2013	637,517	-420,959	71,521	175,598,219	-0.24	0.04
2014	619,318	-401,158	62,625	177,251,693	-0.23	0.04
2015	607,607	-2,307,410	-1,806,310	178,456,663	-1.29	-1.01
2016	536,022	17,281	1,297,129	180,517,473	0.01	0.72

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	1,745,418	33,904,980	7,996,777	1,833,151	536,022	20,811,856	5.15	46.05	341.99

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	26,188,903,685	22,204,775,186	2,340,287,859	1,060,984,092

Table 33 Comparison of Annual Costs and Sales

Unit:\$

Year	Total Cost		Total Sale		Profit/Loss from
	Other Operating Expenses	Financial Cost	Water Sale Revenue (including Basic Charge)	Income from Water Sold (excluding Basic Charge)	Sales
	(6)	(7)	(8)	(9)	(10)=(8)-(2)
FY 1974	—	14,012,756	185,976,236	185,976,236	-30,689,581
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	17,280,683



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)	Sales	strative	Expense	Operating	Cost	Sale of	Income	Loss
	(3)÷(1)	Expense	(4)÷(1)	(5)÷(1)	Expenses	(6)÷(1)	Water	from Water	from
							Supplied (	Sold (	Sales
							including	excluding	
							Basic	Basic	
							Charge )	Charge )	
							B=(8)÷(1)	(9)÷(1)	B-A
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

**Table34 Actual Personnel**

End of 2016

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>5,495</b>	<b>3,878</b>	<b>1,617</b>	<b>1,667</b>	<b>1,151</b>	<b>516</b>	<b>903</b>	<b>806</b>	<b>97</b>	<b>333</b>	<b>142</b>	<b>191</b>	<b>392</b>	<b>171</b>	<b>221</b>
Head Office	506	284	222	281	171	110	129	110	19	33	14	19	117	46	71
1st Branch	280	208	72	85	54	31	39	35	4	24	11	13	20	6	14
2nd Branch	382	285	97	103	72	31	58	53	5	24	7	17	21	12	9
3rd Branch	382	276	106	96	71	25	54	49	5	19	11	8	20	9	11
4th Branch	674	458	216	160	101	59	86	79	7	43	9	34	31	13	18
5th Branch	519	366	153	116	83	33	58	55	3	30	15	15	23	9	14
6th Branch	452	321	131	139	93	46	69	60	9	34	17	17	33	14	19
7th Branch	851	638	213	195	133	62	98	82	16	52	25	27	39	20	19
8th Branch	166	128	38	49	35	14	26	25	1	13	7	6	10	3	7
9th Branch	157	121	36	41	32	9	21	20	1	8	4	4	12	8	4
10th Branch	142	102	40	40	24	16	19	15	4	8	2	6	13	7	6
11th Branch	308	216	92	79	58	21	39	36	3	19	11	8	19	10	9
12th Branch	364	252	112	100	60	40	52	42	10	26	9	17	22	9	13
Northern Region Engineering Office	103	71	32	62	52	10	56	49	7	—	—	—	5	3	2
Central Region Engineering Office	97	72	25	59	52	7	50	47	3	—	—	—	4	1	3
Southern Region Engineering Office	112	80	32	62	60	2	49	49	—	—	—	—	3	1	2

**Table34 Actual Personnel**

End of 2016

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>15</b>	<b>15</b>	<b>—</b>	<b>24</b>	<b>17</b>	<b>7</b>	<b>3,828</b>	<b>2,727</b>	<b>1,101</b>	<b>3,805</b>	<b>2,719</b>	<b>1,086</b>	<b>23</b>	<b>8</b>	<b>15</b>
Head Office	—	—	—	2	1	1	225	113	112	225	113	112	—	—	—
1st Branch	2	2	—	—	—	—	195	154	41	195	154	41	—	—	—
2nd Branch	—	—	—	—	—	—	279	213	66	279	213	66	—	—	—
3rd Branch	2	2	—	1	—	1	286	205	81	286	205	81	—	—	—
4th Branch	—	—	—	—	—	—	514	357	157	514	357	157	—	—	—
5th Branch	4	4	—	1	—	1	403	283	120	403	283	120	—	—	—
6th Branch	2	2	—	1	—	1	313	228	85	313	228	85	—	—	—
7th Branch	5	5	—	1	1	—	656	505	151	633	497	136	23	8	15
8th Branch	—	—	—	—	—	—	117	93	24	117	93	24	—	—	—
9th Branch	—	—	—	—	—	—	116	89	27	116	89	27	—	—	—
10th Branch	—	—	—	—	—	—	102	78	24	102	78	24	—	—	—
11th Branch	—	—	—	2	1	1	229	158	71	229	158	71	—	—	—
12th Branch	—	—	—	—	—	—	264	192	72	264	192	72	—	—	—
Northern Region Engineering Office	—	—	—	1	—	1	41	19	22	41	19	22	—	—	—
Central Region Engineering Office	—	—	—	5	4	1	38	20	18	38	20	18	—	—	—
Southern Region Engineering Office	—	—	—	10	10	—	50	20	30	50	20	30	—	—	—

**Table35 The Education Level of Employee**

Level Of Education	End of 2016					unit : person		
	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>5,495</b>	<b>100.00</b>	<b>1,667</b>	<b>100.00</b>	<b>30.34</b>	<b>3,828</b>	<b>100.00</b>	<b>69.66</b>
Doctor	22	0.40	20	1.20	0.36	2	0.05	0.04
Master	789	14.36	616	36.95	11.21	173	4.52	3.15
Bachelor	2,061	37.51	715	42.89	13.01	1,346	35.16	24.49
College	1,221	22.22	260	15.60	4.73	961	25.10	17.49
Senior High (Vocational )	1,269	23.09	51	3.06	0.93	1,218	31.82	22.17
Junior High and Elementary	133	2.42	5	0.30	0.09	128	3.34	2.33

**Table36 The Sex & Age of Employee**

End of 2016

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>5,495</b>	<b>100.00</b>	<b>1,667</b>	<b>100.00</b>	<b>30.34</b>	<b>3,828</b>	<b>100.00</b>	<b>69.66</b>
<b>Average Age</b>	<b>47.33</b>	—	<b>46.49</b>	—	—	<b>47.69</b>	—	—
under 20 age	1	0.02	-	-	-	1	0.03	0.02
20~24 age	84	1.53	19	1.14	0.35	65	1.70	1.18
25~29age	383	6.97	149	8.94	2.71	234	6.11	4.26
30~34 age	606	11.03	221	13.26	4.02	385	10.06	7.01
35~39age	753	13.70	198	11.88	3.60	555	14.50	10.10
40~44 age	507	9.23	132	7.92	2.40	375	9.80	6.82
45~49age	477	8.68	181	10.86	3.29	296	7.73	5.39
50~54age	469	8.54	189	11.34	3.44	280	7.31	5.10
55~59age	1,036	18.85	237	14.22	4.31	799	20.87	14.54
60 age & over	1,179	21.46	341	20.46	6.21	838	21.89	15.25
<b>Male(Total)</b>	<b>3,878</b>	<b>70.57</b>	<b>1,151</b>	<b>69.05</b>	<b>20.95</b>	<b>2,727</b>	<b>71.24</b>	<b>49.63</b>
<b>Average Age</b>	<b>47.53</b>	—	<b>47.59</b>	—	—	<b>47.51</b>	—	—
under 20 age	1	0	-	-	-	1	0	0
20~24 age	43	0.78	9	0.54	0.16	34	0.89	0.62
25~29age	264	4.80	94	5.64	1.71	170	4.44	3.09
30~34 age	422	7.68	131	7.86	2.38	291	7.60	5.30
35~39age	556	10.12	137	8.22	2.49	419	10.95	7.63
40~44 age	378	6.88	93	5.58	1.69	285	7.45	5.19
45~49age	320	5.82	114	6.84	2.07	206	5.38	3.75
50~54age	274	4.99	125	7.50	2.27	149	3.89	2.71
55~59age	743	13.52	170	10.20	3.09	573	14.97	10.43
60 age & over	877	15.96	278	16.68	5.06	599	15.65	10.90
<b>Female(Total)</b>	<b>1,617</b>	<b>29.43</b>	<b>516</b>	<b>30.95</b>	<b>9.39</b>	<b>1,101</b>	<b>28.76</b>	<b>20.04</b>
<b>Average Age</b>	<b>46.83</b>	—	<b>44.03</b>	—	—	<b>48.15</b>	—	—
under 20 age	-	-	-	-	-	-	-	-
20~24 age	41	0.75	10	0.60	0.18	31	0.81	0.56
25~29age	119	2.17	55	3.30	1.00	64	1.67	1.16
30~34 age	184	3.35	90	5.40	1.64	94	2.46	1.71
35~39age	197	3.59	61	3.66	1.11	136	3.55	2.47
40~44 age	129	2.35	39	2.34	0.71	90	2.35	1.64
45~49age	157	2.86	67	4.02	1.22	90	2.35	1.64
50~54age	195	3.55	64	3.84	1.16	131	3.42	2.38
55~59age	293	5.33	67	4.02	1.22	226	5.90	4.11
60 age & over	302	5.50	63	3.78	1.15	239	6.24	4.35

## Table 37 The Served Seniority of Employee

End of 2016

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>5,495</b>	<b>100.00</b>	<b>1,667</b>	<b>100.00</b>	<b>30.34</b>	<b>3,828</b>	<b>100.00</b>	<b>69.66</b>
<b>Average Seniority</b>	<b>19.34</b>	—	<b>17.37</b>	—	—	<b>20.19</b>	—	—
below 5 years	1,327	24.15	439	26.33	7.99	888	23.20	16.16
5 ~ 9 years	775	14.10	311	18.66	5.66	464	12.12	8.44
10 ~ 14 years	339	6.17	55	3.30	1.00	284	7.42	5.17
15 ~ 19 years	289	5.26	83	4.98	1.51	206	5.38	3.75
20 ~ 24 years	397	7.22	147	8.82	2.68	250	6.53	4.55
25 ~ 29 years	370	6.73	172	10.32	3.13	198	5.17	3.60
30 ~ 34 years	775	14.10	200	12.00	3.64	575	15.02	10.46
35 ~ 39 years	894	16.27	184	11.04	3.35	710	18.55	12.92
over 40 years	329	5.99	76	4.56	1.38	253	6.61	4.60

資料來源：與表34同。