

# VI. 상 · 하수도

WATER SUPPLY · SEWERAGE

# 1. 상수도

## Water Supply

연 별	급수도시내 총인구(명) Population Live in City (Person)	급수인구(명) Population Supplied with Water(person)	보 급 율 (%) Supply rate (%)	시설용량 (m <sup>2</sup> /일) Facilities (m <sup>2</sup> /Day)	급 수 량 (m <sup>2</sup> /일) Water Supply (m <sup>2</sup> /Day)	1일 1인당 급수량(ℓ) Supply per Person a Day(ℓ)	급수전수 (전) Number of faucet (faucet)
1 9 9 5	312,536	289,247	92.5	68,000	112,056	387	21,965
1 9 9 6	304,665	287,426	94.3	174,850	106,546	371	22,378
1 9 9 7	302,835	286,405	94.6	142,790	102,432	358	22,627
1 9 9 8	299,040	283,287	94.7	142,790	100,449	355	22,706
1 9 9 9	296,475	281,062	94.8	142,790	92,639	330	22,819
2 0 0 0	294,081	278,891	94.8	...	92,588	332	23,010
2 0 0 1	287,730	274,119	95.3	...	84,281	307	23,269
<b>2 0 0 2</b>	<b>280,692</b>	<b>271,363</b>	<b>96.68</b>	<b>...</b>	<b>79,780</b>	<b>294</b>	<b>23,768</b>

자 료 : 상수도사업본부 금정사업소

Source : Geumjeong Office, Water Supply Headquarter

## 2. 급수전

### Water Service connection

(단위 : 전)

(Unit : faucet)

연별 및 동별 Year & Dong	합계 Total	가정용 Household Use	업무용 Work Use	영업용 Business Use	목욕탕 Bath		공공용 Common Use	산업용 Industrial Use
					1종 First Class	2종 Second Class		
1 9 9 8	22,706	15,864	3,424	3,166	74	-	-	178
1 9 9 9	22,819	15,910	3,441	3,158	73	-	-	237
2 0 0 0	23,010	16,017	3,448	3,224	76	-	-	245
2 0 0 1	23,269	16,186	4,058	2,947	78	-	-	-
<b>2 0 0 2</b>	<b>23,768</b>	<b>16,446</b>	<b>4,090</b>	<b>3,163</b>	<b>79</b>	-	-	-
서 1 동 Seo1-dong	1,952	1,546	308	96	2	-	-	-
서 2 동 Seo2-dong	2,080	1,619	261	193	7	-	-	-
서 3 동 Seo3-dong	1,001	735	170	91	5	-	-	-
서 4 동 Seo4-dong	1,298	833	259	202	4	-	-	-
금사동 Geumsa-dong	1,667	862	593	208	4	-	-	-
부곡 1 동 Bugok1-dong	1,145	880	169	93	3	-	-	-
부곡 2 동 Bugok2-dong	1,365	964	236	158	7	-	-	-
부곡 3 동 Bugok3-dong	1,048	699	194	151	4	-	-	-
부곡 4 동 Bugok4-dong	1,306	950	206	143	7	-	-	-
강전 1 동 Jangjeon1-dong	2,040	1,493	286	255	6	-	-	-
강전 2 동 Jangjeon2-dong	1,301	1,028	116	157	-	-	-	-
강전 3 동 Jangjeon3-dong	1,818	1,122	243	448	5	-	-	-
선두구동 SeonDugu -dong	227	189	27	11	-	-	-	-
청룡노포동 Cheongryongno-dong	551	339	67	141	4	-	-	-
남산동 Namsan-dong	2,530	1,672	503	347	8	-	-	-
구서 1 동 Guseo1-dong	1,236	762	252	217	5	-	-	-
구서 2 동 Guseo2-dong	1,203	753	200	242	8	-	-	-
금성동 Geumseong-dong	-	-	-	-	-	-	-	-

자료 : 상수도사업본부 금정사업소

Source : Geumjeong Office, Water Supply Headquarter

주 : '98. 9. 15 산업용 신설.

Note : The industrial use was set on September 15, 1998.

2001. 2. 15 상수도조례개정 (조례제3688호),  
상수도업종의 단순화를 위하여 산업용 업종을  
폐지하고 업무용업종으로 통합. (2001. 7월  
납기일부터 적용)

Revision of Regulations of Waterworks on February  
15, 2001 (Ordinance No. 3688). The industrial kind  
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kind of waterworks. (It is applied from the date of  
payment of July, 2001)

### 3. 급수사용량 Consumption of Water Supplied

(단위 : m<sup>3</sup>)(Unit : m<sup>3</sup>)

연 별 Year	합 계 Total	가정용 Household Use	업무용 Work Use	영업용 Business Use	목욕탕용 Bath Use		공업용 Industrial Use	공공용 Public Use	임시용 Temporary Use	산업용 Industrial Use
					1종 First Class	2종 Second Class				
1998	24,884,205	15,947,152	4,442,573	3,749,501	567,857	-	-	-	-	177,122
1999	22,807,539	14,834,168	3,199,734	3,160,193	343,489	-	-	-	-	1,269,905
2000	23,346,369	14,859,411	3,405,861	3,300,713	275,320	-	-	-	-	1,505,064
2001	23,034,898	14,710,754	4,197,008	3,223,745	190,171	-	-	-	-	713,220
<b>2002</b>	<b>22,624,323</b>	<b>14,190,214</b>	<b>4,849,746</b>	<b>3,221,812</b>	<b>262,649</b>	-	-	-	-	-

자료 : 상수도사업본부 급정사업소

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### 4. 급수사용료 부과 Charges for Water Consumption

(단위 : 천원)

(Unit : Thousand Won)

연 별 Year	합 계 Total	가정용 Household Use	업무용 Work Use	영업용 Business Use	목욕탕용 Bath Use		공업용 Industrial Use	공공용 Public Use	임시용 Temporary Use	산업용 Industrial Use
					1종 First Class	2종 Second Class				
1998	9446,041	4,389,415	2,066,859	2,681,743	207,134	-	-	-	-	100,890
1999	10,365,691	4,964,664	1,770,529	2,733,525	167,287	-	-	-	-	729,686
2000	12,207,113	5,807,800	2,131,335	3,155,554	161,756	-	-	-	-	950,668
2001	12,812,151	6,178,668	2,771,149	3,285,738	123,796	-	-	-	-	452,801
<b>2002</b>	<b>13,227,098</b>	<b>6,317,332</b>	<b>3,310,667</b>	<b>3,411,663</b>	<b>187,546</b>	-	-	-	-	-

자료 : 상수도사업본부 급정사업소

Source : Geumjeong Office, Water Supply Headquarter

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## 5. 하 수 도 Sewerage

연 별 Year	면 적(km <sup>2</sup> ) Area									
	계 (A+C+E) Total	합 류 식 Confluence Type		분 류 식 Separate Type		기타지역 (E) Others Area	처리면적 (F) Under Sewerage Treatment	보 급 율 (%) Ratio		
		계 획 (A) Plan	현 황 (B) Present Conditions	계 획 (C) Plan	현 황 (D) Present Conditions			합류식 Confluence Type B/A×100	분류식 Separate Type D/C×100	처리면적 Area of Disposal F/C×100
1 9 9 8	65.16	54.18	10.02	10.02	0.96	-	18.99	18.5	8.8	167.5
1 9 9 9	65.16	54.18	9.57	10.98	0.41	-	10.35	17.7	12.8	94.3
2 0 0 0	65.16	53.73	9.12	10.98	1.86	0.44	19.31	17.0	16.9	175.9
2 0 0 1	65.16	53.33	8.68	10.98	2.30	0.85	24.53	16.3	20.9	223.4
<b>2 0 0 2</b>	<b>65.16</b>	<b>53.33</b>	<b>8.24</b>	<b>10.98</b>	<b>2.74</b>	<b>0.85</b>	<b>9.58</b>	<b>15.5</b>	<b>25.0</b>	<b>87.2</b>

연 별 Year	인 구 (명) Population (Person)													
	총인구 (G) Population	합 류 식 (H) Confluence Type	분 류 식 (I) Separate Type	하수처리구역(J) Sewerage disposal area			하 수 도 점속인구 (K) Sewerage population	수세식 인 구 (L) Population of flushing type	보 급 율 (%) Ratio					
				물리적 (1차) Physical	생물학적 (2차) Biological	고 도 (3차) Advanced 1			합류식 Conflux Type H/G×100	분류식 Separate Type I/G×100	처리인구 Population of disposal J/G×100	점속인구 Conducted population K/G×100	수세식 인구 Population of flushing type L/G×100	
1 9 9 8	299,040	272,817	26,223	210,144	-	210,144	-	289,469	280,000	...	8.8	70.3	96.8	93.6
1 9 9 9	296,475	258,688	36,004	217,005	-	217,005	-	289,420	283,385	...	12.8	73.2	97.6	95.6
2 0 0 0	294,081	244,296	49,785	286,292	-	286,292	-	284,688	283,000	83.1	16.9	97.4	96.8	96.2
2 0 0 1	287,730	226,163	61,567	280,229	-	280,229	-	280,538	278,810	78.6	21.4	97.4	97.5	96.9
<b>2 0 0 2</b>	<b>280,692</b>	<b>210,647</b>	<b>70,045</b>	<b>273,274</b>	-	<b>273,274</b>	-	<b>280,538</b>	<b>278,810</b>	<b>75.0</b>	<b>25.0</b>	<b>97.4</b>	<b>97.5</b>	<b>96.9</b>

자 료 : 권 설 과

Source : Construction Affairs Department

## 6. 하수사용료 부과 Assessment of the Sewerage Amount Used

(단위 : 천원)

(Unit : Thousand Won)

연 별	합 계	가정용	영업용 1종	영업용 2종	목 탕 용 1 종	목 탕 용 2 종	공공용	기 타
Year	Total	Household Use	Business Use 1 Class	Business Use 2 Class	Bath Use 1 Class	Bath Use 2 Class	Public Use	Others
1 9 9 8	5,300,739	2,243,085	500,319	1,578,577	312,185	-	227,577	438,996
1 9 9 9	4,901,528	2,091,292	409,276	1,511,370	184,435	-	229,043	476,112
2 0 0 0	4,969,195	2,006,918	465,770	1,543,538	207,009	147	240,867	504,946
2 0 0 1	6,688,329	2,632,464	2,757,084	-	339,306	-	340,842	618,683
<b>2 0 0 2</b>	<b>7,326,679</b>	<b>2,993,290</b>	<b>2,966,113</b>	<b>-</b>	<b>419,477</b>	<b>-</b>	<b>379,224</b>	<b>639,676</b>

자 료 : 환경위생과

Source : Environmental Sanitation Department