



V

운 전

Train Operation



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47. 열차종별 Number of Operating

열차종별 Train	시행일 Operation	2011. 1. 1	
	구분 Classification	회수 Times	열차키로 Train-km
여 객 P a s s e n g e r	K T X K T X	172	68,041.00
	새 마을 Saemaetul	74	22,753.40
	무궁화 Mugunghwa	24	3,048.80
	누리로 Nuriro	272	72,442.00
	통근열차 Commute	55	1,355.20
	전동차 SMESRS	2,331	103,596.00
	혼합 Passenger&Freight Joined	-	-
	소 계 Sub Total	2,928	271,236.4
화 물 F r e i g h t	소화물 Package	-	-
	급행화물 Express	73	25,672.40
	화물 General	226	51,695.50
	소 계 Sub Total	299	77,367.9
합 계 Grand Total		3,227	348,604.3

운행회수 (1)

in Type of Service

2011. 3. 1		2011. 5. 1	
회 수 Times	열차키로 Train-km	회 수 Times	열차키로 Train-km
172	68,488.40	164	66,366.20
74	22,753.40	72	22,355.60
24	3,048.80	24	3,048.80
266	72,554.60	262	72,337.40
53	1,346.90	53	1,346.90
2,331	103,596.00	2,327	103,479.60
-	-	-	-
2,920	271,788.1	2,902	268,934.5
-	-	-	-
73	25,672.40	73	25,671.30
226	51,695.50	226	51,701.70
299	77,367.9	299	77,373.0
3,219	349,156.0	3,201	346,307.5

47. 열차종별 Number of Operating

시행일 Operation		2011. 7. 1	
열차종별 Train	구분 Classification	회수 Times	열차키로 Train-km
	K T X K T X	164	66,366,20
	새마을 Saemaedul	72	22,355,60
여객	무궁화 Mugunghwa	24	3,048,80
P a s s e n g e r	누리로 Nuriro	262	72,337,40
	통근열차 Commute	53	1,346,90
	전동차 SMESRS	2,327	103,479,60
	혼합 Passenger&Freight Joined	-	-
	소계 Sub Total	2,902	268,934.5
화물	소화물 Package	-	-
F r e i g h t	급행화물 Express	73	25,671,30
	화물 General	226	51,701,70
	소계 Sub Total	299	77,373.0
합계 Grand Total		3,201	346,307.5

운행회수 (2) in Type of Service

2011. 9. 1		2011. 12. 1	
회 수 Times	열차키로 Train-km	회 수 Times	열차키로 Train-km
164	66,366.20	162	65,642.30
72	22,355.60	68	20,642.60
24	3,048.80	24	3,048.80
262	72,337.40	262	72,321.40
53	1,346.90	46	1,308.60
2,327	103,479.60	2,305	101,767.20
-	-	-	-
2,902	268,934.5	2,867	264,730.9
-	-	-	-
73	25,671.30	77	27,248.90
226	51,701.70	226	51,478.30
299	77,373.0	303	78,727.2
3,201	346,307.5	3,170	343,458.1

48. 선 구 별 열 차 Train-km

구 분			여 객 열 차						화 물 열 차			합
			K T X	새 마 을	무 궁 화	통 근	소 계	전 동 차	여 객 계	컨 테 이 너	화 물	
선	별											
경 부 선		100	20	78	-	198	414	612	45	25	70	682
호 남 선		38	10	30	-	78	-	78	2	9	11	89
진 라 선		10	4	26	-	40	-	40	6	9	15	55
장 향 선		-	14	18	-	32	-	32	-	16	16	48
중 앙 선		-	2	18	-	20	195	215	2	62	64	279
태 백 선		-	-	12	-	12	-	12	-	23	23	35
영 등 선		-	-	8	-	8	-	8	-	14	14	22
충 북 선		-	-	18	-	18	-	18	-	43	43	61
경 북 선		-	-	8	-	8	-	8	-	4	4	12
대 구 선		-	-	28	-	38	-	38	-	2	2	40
동 해 선		-	10	32	-	46	-	46	22	6	28	74
경 전 선		14	-	-	-	-	117	117	-	-	-	117
경 춘 선		-	-	-	12	12	152	164	-	-	-	164
경 의 선		-	-	-	34	34	27	61	-	2	2	63
경 원 선		-	-	6	-	6	-	6	-	2	2	8
군 산 선		-	-	-	-	-	163	163	-	-	-	163
진 해 선		-	8	-	-	8	-	8	-	-	-	8
정 선 선		-	-	4	-	4	-	4	-	-	-	4
괴 동 선		-	-	-	-	-	-	-	-	-	-	-
강 경 선		-	-	-	-	-	-	-	-	-	-	-
경 인 선		-	-	-	-	-	494	494	-	-	-	494
안 산 선		-	-	-	-	-	277	277	-	-	-	277
분 당 선		-	-	-	-	-	347	347	-	-	-	347
일 산 선		-	-	-	-	-	270	270	-	-	-	270
계		162	68	286	46	562	2,456	3,018	77	217	294	3,312

종별 운행회수 (1)

by Year

2011.12.31 현재

선 구 별		선 로 용 량	여 객						화 물			합 계
			K T X	새 마 을	무 궁 화	통 근	전 동 차	소 계	컨 테 이 너	화 물 계	소 계	
경 부 선	서울 - 금천구청	171	81	24	66	-	3	174	-	8	8	182
	금천구청 - 의왕	166	4	24	66	-	3	97	-	9	9	106
	의왕 - 천안	161	4	24	66	-	3	97	28	27	55	152
	천안 - 조치원	158	4	17	46	-	-	67	31	27	58	125
	조치원 - 대전조	162	4	17	53	-	-	74	33	24	57	131
	대전조 - 옥천	160	57	10	35	-	-	102	30	10	40	142
	옥천 - 김천	153		10	25	-	-	35	30	10	40	75
	김천 - 신동	159		10	28	-	-	38	35	10	45	83
	신동 - 동대구	171	55	14	36	-	-	105	35	11	46	151
호 남 선	동대구 - 삼랑진	172	15	10	33	-	-	58	35	6	41	99
	삼랑진 - 부산	157	8	5	28	-	-	41	28	2	30	71
	대전조 - 익산	156	24	7	23	-	-	54	10	14	24	78
광 주	익산 - 송정리	167	19	5	11	-	-	35	1	3	4	39
	송정리 - 목포	140	10	2	9	-	-	21	-	3	3	24
전 라 선	동송정 - 광주	43	9	3	9	-	-	21	-	-	-	21
	익산 - 신리	58	5	2	13	-	-	20	9	11	20	40
	신리 - 개운	80	5	2	13	-	-	20	9	10	19	39
	개운 - 순천	46	5	2	13	-	-	20	9	9	18	38
중 앙 선	순천 - 여수	40	5	2	13	-	-	20	2	4	6	26
	청량리 - 용문	148	-	1	15	-	91	107	-	21	21	128
	용문 - 원주	50	-	1	15	-	-	16	-	21	21	37
	원주 - 봉양	52	-	1	15	-	-	16	-	21	21	37
	봉양 - 제천	115	-	1	24	-	-	25	2	60	62	87
	제천 - 도담	38	-	1	7	-	-	8	-	22	22	30
	도담 - 단성	45	-	1	7	-	-	8	-	14	14	22
	단성 - 영주	33	-	1	7	-	-	8	-	14	14	22
	영주 - 안동	42	-	1	10	-	-	11	-	16	16	27
경 북	안동 - 영천	34	-	-	5	-	-	5	-	16	16	21
	영천 - 경주	51	-	-	17	-	-	17	-	21	21	38
경 북	김천 - 점촌	27	-	-	3	-	-	3	-	1	1	4
	점촌 - 영주	19	-	-	3	-	-	3	-	2	2	5

48. 선 구 별 열 차 Train-km

선 구 별		선 로 용 량	여 객						화 물			합 계
			K T X	새 마 을	무 궁 화	통 근	전 동 차	소 계	컨 테 이 너	화 물	소 계	
영 해 선	영 주 - 철 암	31	-	-	4	-	-	4	1	8	9	13
	철 암 - 동 백 산	43	-	-	4	-	-	4	1	7	8	12
	동 백 산 - 동 해	31	-	-	10	-	-	10	1	16	17	27
	동 해 - 강 릉	35	-	-	9	-	-	9	1	2	3	12
태 백 선	제 천 - 쌍 용	48	-	-	8	-	-	8		26	26	34
	쌍 용 - 예 미	38	-	-	8	-	-	8		13	13	21
	예 미 - 민 등 산	20	-	-	8	-	-	8		12	12	20
	민 등 산 - 백 산	48	-	-	6	-	-	6		12	12	18
대구	동 대구 - 가 천	42	-	7	16	-	-	23		11	11	34
	가 천 - 영 천	51	-	7	16	-	-	23		12	12	35
충북	조 치 원 - 오 송	56	-	-	8	-	-	8	2	12	14	22
	오 송 - 음 성	132	-	-	9	-	-	9	2	26	28	37
	음 성 - 봉 양	135	-	-	9	-	-	9	2	27	29	38
망우	망 우 - 성 북	26	-	-	-	-	-	-	-	-	0	0
경춘	성 북 - 청 평	40	-	-	-	-	78	78	-	-	-	78
	청 평 - 남 춘 천	32	-	-	-	-	87	87	-	-	-	87
동 해 남 부 선	부 산 진 - 범 일	142	-	-	-	-	-	-	6	2	8	8
	범 일 - 부 전	66	-	-	-	-	-	0	1	2	3	3
	부 전 - 해 운 대	56	-	5	17	-	-	22	1	3	4	26
	해 운 대 - 울 산	30	-	5	15	-	-	20	1	7	8	28
	울 산 - 경 주	42	-	5	15	-	-	20	1	12	13	33
	경 주 - 나 원	55	-	2	15	-	-	17			-	17
경 전 선	나 원 - 포 향	44	-	2	8	-	-	10		10	10	20
	삼 량 진 - 마 산	41	7	5	16	-	-	28	15	3	18	46
	마 산 - 진 주	27	-	-	6	-	-	6	3	2	5	11
	진 주 - 광 양	22	-	-	6	-	-	6	3	1	4	10
	광 양 - 순 천	28	-	-	6	-	-	6	11	8	19	25
	순 천 - 보 성	29	-	-	4	-	-	4	1	2	3	7
장 항	보 성 - 화 순	25	-	-	4	-	-	4	1	2	3	7
	화 순 - 송 정 리	29	-	-	6	-	-	6	1	4	5	11
	천 안 - 신 창	135	-	7	20	-	37	64	2	6	8	72
	신 창 - 간 치	35	-	7	9	-	-	16	2	6	8	24
	간 치 - 군 산	36	-	7	9	-	-	16		5	5	21
	군 산 - 익 산	22	-	7	9	-	-	16		4	4	20
경 의 1 선	서 울 - 수 색	147	-	-	-	-	25	25	9	9	18	43
	수 색 - 능 곡	174	-	-	-	-	25	25	1	1	2	27
	능 곡 - 문 산	222	-	-	-	-	25	25	1	1	2	27
	문 산 - 도 라 산	38	-	-	-	6		6	-	-	-	6
경의2선	D M C - 능 곡	178	-	-	-	-	51	51	-	-	-	51

종 별 운 행 회 수 (2)

by Year

2011.12.31 현재

선 구 별		선 로 용 량	여 객						화 물			합 계
			K T X	새 마 을	무 궁 화	통 근	전 동 차	소 계	컨 테 이 너	화 물	소 계	
부전	가 야 - 부 전	133	-	-	7	-	-	7		1	1	8
가야	사 상 - 가 야	98	-	-	7	-	-	7	9	1	10	17
	가 야 - 범 일	140	-	-	-	-	-	-			-	-
광양제철	광 양 - 태 금	42	-	-	-	-	-	-	7	9	16	16
광양항	황 길 - 광 양 항	31	-	-	-	-	-	-	7	1	8	8
우암	부 산 진 - 신 선 대	18	-	-	-	-	-	-	5		5	5
정선	증 산 - 아 우 라 지	14	-	-	-	-	-	-			-	-
장생포	울 산 - 장 생 포	36	-	-	-	-	-	-		4	4	4
진해	창 원 - 진 해	34	-	4	-	-	-	4			-	4
여천	덕 양 - 적 량	38	-	-	-	-	-	-	2	4	6	6
함백	예 미 - 조 동	28	-	-	-	-	-	-	-	-	-	-
군산화물	대 야 - 군 산 화	31	-	-	-	-	-	-	-	-	-	-
괴동	효 자 - 괴 동	38	-	-	-	-	-	-	-	10	10	10
온산	남 창 - 온 산	35	-	-	-	-	-	-	-	4	4	4
남부화물	의 왕 - 오 봉	96	-	-	-	-	-	-	27	17	44	44
경원선	용 산 - 청 량 리	128	-	-	-	-	96	96	-	10	10	106
	청 량 리 - 성 북	218	-	-	-	-	200	200	-	7	7	207
	성 북 - 동 두 천	218	-	-	-	-	140	140	-	1	1	141
	동 두 천 - 신 탄 리	34	-	-	-	17		17	-	1	1	18
경인선	구 로 - 인 천 (1 선)	311	-	-	-	-	105	105	-	-	-	105
	구 로 - 동 인 천 (2 선)	301	-	-	-	-	142	142	-	-	-	142
경부2선	지 하 서 울 - 구 로	288	-	-	-	-	270	270	-	-	-	270
	구 로 - 병 점	209	-	-	-	-	177	177	-	-	-	177
	병 점 - 천 안	237	-	-	-	-	83	83	-	-	-	83
오송	서 창 - 오 송	89	-	-	1	-	-	1	-	17	17	18
태백3각	동 백 산 분 기 - 동 백 산	113	-	-	6	-	-	6	-	11	11	17
안산	금 정 - 오 이 도	267	-	-	-	-	135	135	-	-	-	135
과천	금 정 - 남 태 령	345	-	-	-	-	133	133	-	-	-	133
분당	선 릉 - 오 리	288	-	-	-	-	171	171	-	-	-	171
일산	대 화 - 지 축	345	-	-	-	-	135	135	-	-	-	135

49. 연도별 Train-km

연월 Year & Month	종별 Classification	계	연탄	증기	KTX	디젤
		Total	Coal	Steam	KTX	Diesel
1987		85,334,981.0	-	-	-	63,410,869.9
1988		87,087,241.0	-	-	-	64,587,960.3
1989		88,182,065.4	-	-	-	64,261,050.7
1990		90,218,881.0	-	-	-	65,947,993.3
1991		91,755,988.5	-	-	-	67,711,606.8
1992		92,277,567.0	-	-	-	68,055,312.7
1993		94,246,190.0	-	-	-	65,533,541.7
1994		95,108,038.9	-	-	-	62,555,189.4
1995		97,253,513.8	-	-	-	63,382,916.4
1996		99,599,024.7	-	-	-	62,762,430.6
1997		101,602,966.1	-	-	-	62,410,865.5
1998		101,189,107.0	-	1,910.0	-	60,043,019.0
1999		105,666,291.9	-	3,359.3	-	61,684,709.0
2000		108,549,500.1	-	1,726.7	-	64,156,911.8
2001		108,180,148.4	-	-	-	64,061,378.4
2002		107,292,158.5	-	-	-	63,633,233.0
2003		108,300,099.5	-	-	-	63,492,400.6
2004		113,779,671.0	-	-	13,971,073.3	55,503,419.7
2005		116,400,098.4	-	-	19,731,646.3	50,398,239.5
2006		116,189,773.8	-	-	20,618,228.9	46,296,750.3
2007		117,863,574.4	-	-	21,414,877.5	43,598,703.0
2008		120,727,962.7	-	-	21,820,447.9	42,474,684.0
2009		119,242,171.1	-	-	22,032,842.8	37,619,893.3
2010		122,446,644.8	-	-	23,343,585.5	35,039,850.6
2011		128,599,318.9	-	-	27,703,706.9	33,129,406.7
1		10,821,495.4	-	-	2,422,395.6	2,773,244.0
2		9,594,386.1	-	-	2,187,099.8	2,377,190.4
3		11,080,595.9	-	-	2,365,541.7	2,871,402.7
4		10,890,672.3	-	-	2,348,641.7	2,864,169.5
5		11,023,323.6	-	-	2,359,389.0	2,892,105.8
6		10,599,206.0	-	-	2,202,352.5	2,794,022.7
7		10,839,604.5	-	-	2,368,789.1	2,726,618.4
8		10,820,810.4	-	-	2,339,343.9	2,718,466.0
9		10,486,905.4	-	-	2,318,887.6	2,656,020.5
10		10,954,842.0	-	-	2,303,563.2	2,885,291.7
11		10,630,416.8	-	-	2,194,564.3	2,794,524.6
12		10,857,060.5	-	-	2,293,138.5	2,776,350.4

열차키로 by Year

전 기 Electric	동 차 Diesel Rail Car	새마을동차 Saemaeul Diesel Rail Car	수도권 전동차 SMESRS	무궁화 전동차 Mugunghwa Electric Rail Car
7,680,651.9	5,231,472.5	628,401.2	8,125,493.6	258,091.9
7,886,261.7	4,362,933.5	1,474,923.3	8,526,598.2	248,563.9
7,420,866.2	3,749,303.1	2,900,582.2	9,580,775.8	269,487.4
7,296,044.4	3,446,665.3	3,711,174.0	9,581,071.8	235,932.2
7,615,339.4	3,012,697.3	2,927,035.3	10,246,144.6	243,195.1
7,466,985.3	2,595,170.6	3,183,643.7	10,776,095.8	250,358.9
7,577,728.2	2,670,901.9	7,154,619.5	11,063,490.4	245,908.3
7,107,659.5	2,166,628.4	9,122,893.3	13,919,776.7	235,891.6
6,987,885.7	1,652,944.5	9,577,233.7	15,421,152.5	231,381.0
7,121,017.2	2,069,965.7	9,881,857.4	17,531,912.0	231,841.8
7,392,106.8	2,815,826.2	10,053,137.7	18,704,561.3	226,468.6
6,717,073.9	4,306,209.1	10,369,145.1	19,538,320.2	213,429.7
6,957,144.2	4,949,004.2	10,236,763.8	21,641,080.4	194,231.0
7,088,328.3	4,866,882.8	10,293,930.3	21,933,340.9	208,379.3
7,419,990.8	4,950,208.8	9,732,831.9	22,002,808.5	12,930.0
7,308,476.1	4,990,995.9	9,402,307.8	21,957,145.7	-
7,387,541.8	4,789,541.5	9,733,992.2	22,896,623.4	-
7,162,992.7	4,418,453.0	8,955,623.6	23,768,108.7	-
6,938,055.6	4,282,260.3	8,338,146.4	26,711,750.3	-
9,993,956.8	3,632,251.7	8,203,765.9	27,444,820.2	-
13,691,876.1	2,212,288.3	8,919,676.4	28,026,153.1	-
16,145,984.5	1,622,502.1	9,261,679.3	29,402,664.9	-
16,938,431.7	2,461,522.9	8,368,617.4	31,362,230.5	458,632.5
17,428,112.2	4,328,103.6	8,128,729.6	33,124,387.9	1,053,875.4
18,643,496.2	4,034,124.7	7,168,270.3	36,703,703.2	1,216,610.9
1,416,603.1	380,172.0	603,882.6	3,112,154.4	113,043.7
1,263,737.1	331,381.9	553,652.2	2,781,790.8	99,533.9
1,604,961.9	374,532.5	613,626.6	3,147,519.9	103,010.6
1,594,443.6	361,840.0	596,676.0	3,027,829.2	97,072.3
1,624,942.3	345,661.0	606,498.4	3,094,293.6	100,433.5
1,554,241.7	346,163.9	586,079.3	3,019,578.0	96,767.9
1,537,012.0	356,742.4	643,855.9	3,103,336.8	103,249.9
1,546,685.9	322,192.5	654,502.4	3,136,157.7	103,462.0
1,503,347.4	302,947.9	595,414.9	3,012,888.0	97,399.1
1,698,218.5	310,953.0	583,519.1	3,073,392.1	99,904.4
1,643,257.1	300,191.9	557,893.0	3,042,949.3	97,036.6
1,656,045.6	301,345.7	572,669.9	3,151,813.4	105,697.0

50. 연도별기 Engine-km

연 월 Year & Month	종 별 Classifi- -cation	계 Total	연 탄 Coal	증 기 Steam	KTX	디 젤 Diesel
1987		177,611,543.0	-	-	-	74,777,302.3
1988		184,896,299.9	-	-	-	76,068,282.8
1989		203,741,992.4	-	-	-	75,691,729.4
1990		216,275,187.4	-	-	-	77,377,615.2
1991		223,852,613.3	-	-	-	80,254,086.3
1992		231,693,571.0	-	-	-	81,663,633.6
1993		282,361,890.0	-	-	-	79,552,779.8
1994		313,829,629.8	-	-	-	75,524,134.5
1995		338,503,110.3	-	-	-	76,876,390.4
1996		366,284,231.6	-	-	-	76,380,357.3
1997		389,672,389.5	-	-	-	76,183,742.2
1998		401,432,300.1	-	2,842.2	-	74,525,230.3
1999		433,166,236.3	-	5,216.9	-	77,956,063.6
2000		439,321,431.9	-	2,822.0	-	81,100,572.1
2001		433,543,279.9	-	-	-	80,460,134.7
2002		433,005,905.4	-	-	-	80,349,055.3
2003		446,390,176.5	-	125.2	-	81,124,030.1
2004		693,202,492.5	-	-	279,068,296.0	68,715,269.4
2005		827,621,318.2	-	11.4	395,763,435.7	61,762,802.5
2006		838,164,197.5	-	-	411,789,416.6	56,518,377.6
2007		861,588,684.9	-	-	429,477,168.8	52,334,785.6
2008		876,870,664.9	-	-	437,075,884.6	49,102,598.8
2009		885,083,572.4	-	442.0	441,740,741.4	43,514,430.8
2010		902,665,896.2	-	-	448,102,342.9	40,680,214.1
2011		968,684,140.7	-	-	496,484,587.4	39,124,663.6
1		83,254,566.4	-	-	43,079,965.8	3,296,965.0
2		74,905,775.4	-	-	39,073,461.0	2,807,408.9
3		83,041,405.4	-	-	42,271,212.6	3,366,568.1
4		81,175,512.2	-	-	41,704,585.6	3,349,365.8
5		83,118,578.0	-	-	42,911,111.8	3,376,073.6
6		78,947,788.6	-	-	39,837,870.2	3,258,966.2
7		82,645,402.3	-	-	42,326,667.9	3,207,117.6
8		82,458,288.4	-	-	41,873,629.7	3,219,232.8
9		80,089,478.6	-	-	41,363,147.4	3,117,684.5
10		80,683,565.9	-	-	41,528,137.2	3,358,337.6
11		77,979,817.2	-	-	39,654,351.8	3,260,642.4
12		80,383,962.3	-	-	40,860,446.4	3,506,301.1

관차키로 by Year

전 기 Electric	동 차 Diesel Rail Car	새마을동차 Saemaeul Diesel Rail Car	수도권 전동차 SMESRS	무궁화 전동차 Mugunghwa Electric Rail Car
10,424,246.9	12,674,066.8	3,285,698.4	73,869,309.6	2,580,919.0
10,694,435.5	10,403,228.3	8,768,115.2	76,476,599.1	2,485,639.0
10,311,619.1	8,829,230.5	20,880,219.5	85,334,404.3	2,694,789.6
10,071,798.1	8,550,481.6	28,886,387.0	89,029,583.5	2,359,322.0
10,561,573.5	7,791,532.6	28,700,425.9	94,113,044.0	2,431,951.0
10,609,504.5	7,526,586.5	31,078,794.4	98,311,463.0	2,503,589.0
10,803,117.8	7,020,964.3	82,030,226.3	100,495,718.8	2,459,083.0
10,016,253.9	5,924,211.5	100,109,443.4	119,896,670.5	2,358,916.0
9,846,263.1	4,815,059.0	105,112,280.0	139,539,307.8	2,313,810.0
9,781,895.8	6,019,834.1	110,174,224.5	161,609,501.9	2,318,418.0
10,058,895.2	9,961,641.5	113,702,871.6	177,498,627.0	2,266,612.0
9,280,148.0	17,021,495.9	111,509,558.1	186,942,398.6	2,150,627.0
9,524,585.7	19,201,512.9	115,070,440.8	209,459,776.4	1,948,640.0
9,889,028.1	18,726,944.9	115,048,027.2	212,468,437.6	2,085,600.0
10,187,764.1	19,139,829.9	110,265,456.4	213,360,430.8	129,664.0
9,942,180.7	19,410,266.1	110,285,139.9	213,019,263.4	-
9,969,471.3	18,980,015.6	114,111,053.9	222,205,480.4	-
9,643,841.2	17,479,518.4	89,934,253.6	228,361,313.9	-
9,925,484.7	17,316,012.3	87,064,097.6	255,789,474.0	10,479,764.0
13,278,849.7	15,381,756.1	76,430,726.3	264,765,071.2	-
16,585,153.2	10,169,154.6	76,135,428.2	276,886,994.5	-
19,933,100.8	7,953,587.6	77,734,564.2	285,070,928.9	-
21,165,415.6	10,351,958.2	71,703,533.0	294,360,201.8	2,246,849.6
21,056,279.1	17,240,510.6	64,465,528.9	306,547,139.6	4,573,881.0
22,049,233.9	16,085,031.2	56,465,781.6	333,238,048.0	5,236,795.0
1,676,957.0	1,516,123.2	4,766,369.0	28,441,691.2	476,495.2
1,466,883.3	1,323,572.3	4,376,046.3	25,424,165.6	434,238.0
1,922,410.6	1,495,618.4	4,842,169.1	28,706,175.6	437,251.0
1,901,986.7	1,444,506.1	4,714,686.8	27,648,040.2	412,341.0
1,938,999.8	1,373,876.1	4,793,004.3	28,287,861.4	437,651.0
1,848,110.9	1,381,327.5	4,626,050.8	27,577,873.0	417,590.0
1,799,790.9	1,420,751.7	5,087,218.6	28,347,850.0	456,005.6
1,822,840.9	1,279,654.8	5,167,352.0	28,640,741.8	454,836.4
1,769,387.1	1,214,105.2	4,701,725.2	27,498,346.2	425,083.0
2,013,338.7	1,239,958.1	4,589,454.3	27,528,898.2	425,441.8
1,951,253.0	1,195,693.0	4,401,309.8	27,103,326.0	413,241.2
1,937,275.0	1,199,844.8	4,400,395.4	28,033,078.8	@446,620.8

51. 연도별 환산 Converted Car-km

연 월 Year & Month	종 별 Classifi- -cation	합 계 Grand Total			연탄기관차 Coal	
		계 Total	객 차 Passenger Car	화 차 Freight Car	계 Total	객 차 Passenger Car
1987		1,101,557,068.5	511,123,655.5	590,433,413.0	-	-
1988		1,135,537,607.0	520,213,443.0	615,324,164.0	-	-
1989		1,144,432,584.7	545,151,498.7	599,281,086.0	-	-
1990		1,170,756,035.6	566,874,505.6	603,881,530.0	-	-
1991		1,214,430,090.8	580,807,372.2	633,622,718.6	-	-
1992		1,211,305,339.8	598,420,211.8	612,885,128.0	-	-
1993		1,252,310,435.0	630,679,292.0	621,631,143.0	-	-
1994		1,253,518,139.1	654,779,841.1	598,738,298.0	-	-
1995		1,281,236,246.2	694,273,106.2	586,963,140.0	-	-
1996		1,260,406,038.1	724,376,772.6	536,029,265.5	-	-
1997		1,312,804,841.2	779,306,276.2	533,498,565.0	-	-
1998		1,256,975,058.7	821,313,725.1	435,661,333.6	-	-
1999		1,283,061,784.9	849,278,714.1	433,783,070.8	-	-
2000		1,330,811,254.8	851,609,130.7	479,202,124.1	-	-
2001		1,298,190,366.5	834,983,015.8	463,207,350.7	-	-
2002		1,301,694,565.1	829,285,969.9	472,408,595.2	-	-
2003		1,322,563,192.1	845,129,751.7	477,433,440.4	-	-
2004		1,462,538,427.5	996,177,610.3	466,360,817.2	-	-
2005		1,579,095,523.5	1,131,449,406.6	447,646,116.9	-	-
2006		1,593,304,650.8	1,132,917,501.7	460,387,149.1	-	-
2007		1,610,097,402.8	1,134,545,723.1	475,551,679.7	-	-
2008		1,660,167,027.6	1,155,132,031.3	505,034,996.3	-	-
2009		1,605,338,383.6	1,182,172,808.1	423,165,575.5	-	-
2010		1,631,732,562.6	1,202,647,655.7	429,084,906.9	-	-
2011		1,711,300,794.3	1,270,914,091.6	440,386,702.7	-	-
1		140,623,383.8	110,035,332.9	30,588,050.9	-	-
2		126,395,279.7	98,758,589.7	27,636,690.0	-	-
3		149,105,870.1	108,951,933.9	40,153,936.2	-	-
4		147,560,449.0	106,662,706.4	40,897,742.6	-	-
5		148,537,025.3	109,432,851.8	39,104,173.5	-	-
6		142,513,132.8	103,826,347.8	38,686,785.0	-	-
7		143,587,352.9	108,782,317.7	34,805,035.2	-	-
8		143,382,691.5	108,345,651.8	35,037,039.7	-	-
9		141,211,790.5	105,355,903.8	35,855,886.7	-	-
10		145,807,321.8	105,775,246.2	40,032,075.6	-	-
11		140,861,746.1	101,736,358.1	39,125,388.0	-	-
12		141,714,750.8	103,250,851.5	38,463,899.3	-	-

차량키로 (1)

by Year

Burning Loco	증 기 기 관 차 Steam Loco			디젤기관차 Diesel	
화 차	계	객 차	화 차	계	객 차
Freight Car	Total	Passenger Car	Freight Car	Total	Passenger Car
-	-	-	-	804,834,060.0	363,723,118.0
-	-	-	-	823,674,551.0	366,396,856.0
-	-	-	-	815,229,260.0	377,846,934.0
-	-	-	-	837,903,767.0	389,446,865.0
-	-	-	-	869,419,933.6	400,501,355.0
-	-	-	-	863,212,636.0	409,005,322.0
-	-	-	-	835,910,476.0	372,439,143.0
-	-	-	-	808,501,370.0	347,098,236.0
-	-	-	-	813,788,312.0	358,109,167.0
-	-	-	-	772,302,688.0	357,094,003.5
-	-	-	-	777,351,775.0	368,445,073.0
-	11,764.3	11,764.3	-	727,162,524.9	389,651,346.4
-	18,665.2	18,665.2	-	730,908,084.6	391,782,211.2
-	10,291.2	10,291.2	-	766,385,887.4	391,153,457.1
-	-	-	-	738,277,920.1	381,701,487.6
-	-	-	-	740,230,156.7	379,209,152.1
-	-	-	-	749,915,564.5	383,462,068.2
-	-	-	-	653,572,401.4	288,789,105.2
-	-	-	-	618,446,264.3	261,852,086.1
-	-	-	-	580,348,979.0	224,567,416.6
-	-	-	-	552,936,126.0	176,079,568.0
-	-	-	-	555,498,518.4	166,810,840.8
-	-	-	-	487,097,445.0	168,487,312.2
-	-	-	-	475,978,507.3	153,453,914.8
-	-	-	-	464,902,639.4	124,852,392.3
-	-	-	-	36,559,312.2	11,809,225.2
-	-	-	-	32,483,607.6	10,071,190.0
-	-	-	-	41,404,505.5	10,789,599.4
-	-	-	-	41,880,181.0	11,034,121.0
-	-	-	-	40,568,957.5	11,276,558.9
-	-	-	-	40,001,958.7	10,583,261.7
-	-	-	-	37,631,772.7	10,567,758.0
-	-	-	-	37,419,754.1	10,658,944.7
-	-	-	-	38,119,102.4	10,637,471.0
-	-	-	-	40,855,409.3	9,821,062.9
-	-	-	-	39,433,106.6	9,207,105.0
-	-	-	-	38,544,971.8	8,396,094.5

51. 연도별 환산 Converted Car-km

연 월 Year & Month	종 별 Classifi- -cation	전 기 기 관 차 Electric Loco			
	Loco				
	화 차 Freight Car	계 Total	객 차 Passenger Car	화 차 Freight Car	
1987		441,110,942.0	170,853,604.0	21,531,133.0	149,322,471.0
1988		457,277,695.0	178,895,146.0	20,848,677.0	158,046,469.0
1989		437,382,326.0	175,698,819.0	13,800,059.0	161,898,760.0
1990		448,456,902.0	169,185,452.0	13,760,824.0	155,424,628.0
1991		468,916,578.6	178,169,429.0	13,463,289.0	164,706,140.0
1992		454,207,314.0	171,535,473.0	12,857,659.0	158,677,814.0
1993		463,471,333.0	171,390,213.0	13,230,403.0	158,159,810.0
1994		461,403,134.0	153,840,631.0	16,505,467.0	137,335,164.0
1995		455,679,145.0	148,490,836.0	17,206,841.0	131,283,995.0
1996		415,208,684.5	140,561,270.0	19,740,689.0	120,820,581.0
1997		408,906,702.0	146,194,935.0	21,603,072.0	124,591,863.0
1998		337,511,178.5	121,711,059.4	23,560,904.3	98,150,155.1
1999		339,125,873.4	119,573,972.0	24,916,774.6	94,657,197.4
2000		375,232,430.3	124,955,009.1	20,985,315.3	103,969,693.8
2001		356,576,432.5	129,341,026.5	22,710,108.3	106,630,918.2
2002		361,021,004.6	132,345,598.4	20,958,007.8	111,387,590.6
2003		366,453,496.3	132,575,303.0	21,595,358.9	110,979,994.1
2004		364,783,296.2	123,358,787.6	21,781,266.6	101,577,521.0
2005		356,594,178.2	112,252,031.2	21,200,092.5	91,051,938.7
2006		355,781,562.4	143,114,332.8	38,508,746.1	104,605,586.7
2007		376,856,558.0	171,862,406.4	73,167,284.7	98,695,121.7
2008		388,687,677.6	207,097,722.0	90,750,403.3	116,347,318.7
2009		318,610,132.8	207,536,951.4	102,981,508.7	104,555,442.7
2010		322,524,592.5	211,346,914.9	104,786,600.5	106,560,314.4
2011		340,050,247.1	221,980,526.5	121,644,070.9	100,336,455.6
1		24,750,087.0	15,733,276.1	9,895,312.2	5,837,963.9
2		22,412,417.6	14,416,766.8	9,192,494.4	5,224,272.4
3		30,614,906.1	19,901,232.9	10,362,202.8	9,539,030.1
4		30,846,060.0	20,101,436.9	10,049,754.3	10,051,682.6
5		29,292,398.6	20,157,897.5	10,346,122.6	9,811,774.9
6		29,418,697.0	19,206,903.5	9,938,815.5	9,268,088.0
7		27,064,014.7	18,147,001.6	10,405,981.1	7,741,020.5
8		26,760,809.4	18,640,829.0	10,364,598.7	8,276,230.3
9		27,481,631.4	18,256,078.3	9,881,823.0	8,374,255.3
10		31,034,346.4	20,043,980.0	11,046,250.8	8,997,729.2
11		30,226,001.6	19,314,375.6	10,414,989.2	8,899,386.4
12		30,148,877.3	18,060,748.3	9,745,726.3	8,315,022.0

차 량 키 로 (2)

by Year

동 차 Rail Car		KTX	전 동 차 Electric Rail Car	
일 반 동 차	새 마 을 동 차		수도권전동차	누리로전동차
Rail Car	Saemaeul Diesel Rail Car	KTX	SMESRS	Nooriro Eleciric Rail Car
18,483,785.0	4,134,076.0	-	99,883,285.9	3,368,257.6
15,015,650.0	11,208,476.0	-	104,503,502.9	3,240,281.1
12,684,432.0	26,664,404.0	-	110,644,221.6	3,511,448.1
12,502,144.0	35,808,736.0	-	112,282,712.4	3,073,224.2
10,982,785.2	34,019,385.7	-	118,672,408.2	3,168,149.1
9,429,053.0	39,734,580.0	-	124,140,981.4	3,252,616.4
9,158,278.0	106,049,808.0	-	126,604,360.3	3,197,299.7
7,770,796.0	127,775,903.0	-	152,561,413.9	3,068,025.2
6,348,244.0	134,294,509.0	-	175,301,302.5	3,013,042.7
8,577,068.0	136,126,653.0	-	199,818,838.4	3,019,520.7
14,505,188.0	141,162,859.0	-	230,764,012.1	2,826,072.1
23,196,959.2	140,891,906.1	-	241,372,520.5	2,628,324.3
24,674,070.5	143,344,616.1	-	262,167,620.3	2,374,756.2
24,132,851.5	145,402,885.4	-	267,377,361.5	2,546,968.7
24,416,927.6	136,234,904.1	-	269,761,978.2	157,610.0
24,774,024.5	135,921,722.7	-	268,423,062.8	-
24,422,177.8	139,681,631.6	-	275,968,515.2	-
22,437,562.0	114,403,559.3	276,083,132.3	272,682,984.9	-
27,214,973.0	119,021,104.7	401,165,638.7	300,995,511.6	-
28,941,003.9	110,936,389.3	417,431,325.6	312,532,620.2	-
17,797,801.0	109,925,575.4	433,352,577.2	324,222,916.8	-
14,012,971.2	109,100,428.4	441,766,969.2	332,690,418.4	-
20,636,163.2	97,230,313.4	446,264,640.3	343,690,498.0	2,882,372.3
31,135,682.7	87,759,044.0	454,113,711.5	365,518,656.1	5,880,046.1
28,891,756.1	76,850,507.2	509,439,410.4	402,533,783.6	6,702,171.1
2,854,199.7	6,556,584.9	44,232,659.2	34,072,320.6	615,031.1
2,442,055.7	6,028,365.3	39,986,979.1	30,477,311.2	560,194.0
2,761,921.4	6,669,137.8	43,229,450.5	34,576,024.4	563,597.6
2,655,231.1	6,411,075.9	42,761,118.7	33,219,815.0	531,590.4
2,633,441.0	6,549,641.1	44,003,883.8	34,058,319.6	564,884.8
2,520,234.3	6,283,314.3	40,730,290.2	33,231,382.9	539,048.9
2,536,609.4	6,920,625.2	43,429,012.4	34,334,253.0	588,078.6
2,223,157.2	7,033,845.1	42,905,066.4	34,573,502.7	586,537.0
2,133,209.9	6,422,298.8	42,273,685.6	33,458,745.0	548,670.5
2,181,390.2	6,235,134.8	42,430,549.9	33,513,537.6	547,320.0
2,125,240.5	5,959,044.6	40,560,985.4	32,935,877.9	533,115.5
1,825,065.7	5,781,439.4	42,895,729.2	34,082,693.7	524,102.7

52. 연도별 Car-km

연 월 Year & Month	종 별 Classifi- -cation	합 계	객 차 키 로 Passenger Car-km		
	Total	계 Total	영 차 Loaded	공 차 Empty	
1987		997,458,110.7	391,662,183.3	385,305,316.7	6,356,866.6
1988		1,012,647,469.6	392,204,252.3	385,216,858.4	6,987,393.9
1989		990,563,700.7	404,317,911.8	397,321,960.1	6,995,951.7
1990		998,554,712.9	420,110,779.2	413,250,878.2	6,859,901.0
1991		1,001,334,905.0	426,985,310.9	420,212,286.1	6,773,024.8
1992		974,010,343.4	435,779,953.0	428,884,488.5	6,895,264.5
1993		1,003,071,094.8	453,146,560.2	446,651,702.0	6,494,858.2
1994		969,046,776.1	440,895,511.2	435,552,601.7	5,342,909.5
1995		970,668,876.7	444,028,469.7	438,870,925.8	5,157,543.9
1996		1,067,029,085.3	444,644,686.5	437,017,849.4	7,626,837.1
1997		1,126,035,708.4	464,277,590.6	456,266,890.7	8,010,699.9
1998		1,092,647,349.8	487,290,479.7	478,471,292.9	8,819,186.8
1999		1,137,981,776.7	491,040,856.5	481,455,584.8	9,585,271.7
2000		1,165,207,910.6	481,716,021.7	472,684,423.2	9,031,598.5
2001		1,143,343,802.4	473,811,501.9	451,212,834.5	22,598,667.4
2002		1,138,887,934.0	466,832,374.7	438,152,186.3	28,680,188.4
2003		1,152,903,316.8	464,113,310.8	422,983,958.0	41,129,352.8
2004		1,331,946,871.4	638,250,602.6	624,624,218.2	13,626,384.4
2005		1,434,956,411.7	726,658,430.5	712,420,164.9	14,238,265.6
2006		1,441,683,819.8	713,349,901.9	700,188,954.7	13,160,947.2
2007		1,473,825,652.5	710,754,477.2	696,640,675.7	14,113,801.5
2008		1,518,924,504.2	725,107,784.3	710,793,616.6	14,314,167.7
2009		1,463,041,352.4	740,343,392.3	724,197,564.2	16,145,828.1
2010		1,475,354,603.5	735,508,794.8	717,265,754.8	18,243,040.0
2011		1,550,390,245.3	771,785,755.2	746,901,598.7	24,884,156.5
1		127,019,584.8	66,943,876.5	65,019,312.6	1,924,563.9
2		114,058,340.7	60,394,012.6	58,847,680.0	1,546,332.6
3		134,992,304.2	65,825,998.3	63,897,237.6	1,928,760.7
4		133,689,876.1	65,091,622.6	63,096,825.9	1,994,796.7
5		134,707,635.7	66,718,007.1	64,286,694.5	2,431,312.6
6		128,777,800.8	62,528,357.5	60,323,383.3	2,204,974.2
7		129,768,529.0	65,951,342.1	63,647,394.5	2,303,947.6
8		130,264,787.3	65,384,513.9	63,142,136.9	2,242,377.0
9		127,652,830.7	64,041,819.0	61,891,004.3	2,150,814.7
10		131,888,821.8	64,344,347.6	62,186,483.7	2,157,863.9
11		127,470,211.7	61,211,580.1	59,230,749.0	1,980,831.1
12		130,099,522.5	63,350,277.9	61,332,696.4	2,017,581.5

차 량 키 로

by Year

화 차 키 로 Freight Car-km			전 동 차 키 로 Electric Rail Car-km		
계 Total	영 차 Loaded	공 차 Empty	계 Total	영 차 Loaded	공 차 Empty
529,345,698.8	320,848,438.1	208,497,260.7	76,450,223.6	76,170,678.1	279,550.0
541,480,979.2	335,823,385.3	205,657,593.9	78,962,238.1	78,646,900.9	315,337.2
498,216,595.0	306,518,429.7	191,698,165.3	88,029,193.9	87,815,701.1	213,492.8
477,055,028.2	298,710,756.1	178,344,272.1	91,388,905.5	91,169,251.7	219,653.8
477,804,599.1	304,515,413.1	173,289,186.0	96,544,995.0	96,062,032.0	482,963.0
437,415,538.4	280,639,395.7	156,776,142.7	100,815,052.0	100,007,582.2	807,469.8
446,969,732.8	288,588,078.2	158,381,654.6	102,954,801.8	101,180,228.9	1,774,572.9
405,895,678.4	261,265,541.0	144,630,137.4	122,255,586.5	120,704,263.0	1,551,323.5
384,787,289.2	252,729,337.3	132,057,951.9	141,853,117.8	139,080,886.0	2,772,231.8
458,456,478.9	296,745,712.3	161,710,766.6	163,927,919.9	161,705,315.2	2,222,604.7
481,992,878.8	311,769,426.1	170,223,452.7	179,765,239.0	176,155,676.5	3,609,562.5
416,263,844.5	276,528,654.8	139,735,189.7	189,093,025.6	184,133,933.9	4,959,091.7
435,532,503.8	286,050,959.7	149,481,544.1	211,408,416.4	207,051,583.4	4,356,833.0
468,937,851.3	307,530,569.0	161,407,282.3	214,554,037.6	211,194,604.6	3,359,433.0
456,042,205.7	292,590,242.5	163,451,963.2	213,490,094.8	210,157,754.2	3,332,340.6
459,036,295.9	296,045,480.4	162,990,815.5	213,019,263.4	209,788,868.0	3,230,395.4
466,584,525.6	303,398,848.7	163,185,676.9	222,205,480.4	218,103,296.4	4,102,184.0
465,334,954.9	299,428,505.6	165,906,449.3	228,361,313.9	224,453,081.5	3,908,232.4
452,508,507.2	300,469,485.5	152,039,021.7	255,789,474.0	253,606,381.3	2,183,092.7
463,568,846.7	315,460,024.8	148,108,821.9	264,765,071.2	261,724,949.2	3,040,122.0
486,184,180.8	328,212,024.8	157,972,156.0	276,886,994.5	272,816,391.9	4,070,602.6
508,745,791.0	346,686,785.7	162,059,005.3	285,070,928.9	280,298,112.7	4,772,816.2
428,337,758.3	265,899,190.0	162,438,568.3	294,360,201.8	289,988,242.2	4,371,959.6
433,298,669.1	281,632,144.0	151,666,525.1	306,547,139.6	301,143,588.2	5,403,551.4
445,366,442.1	303,550,158.3	141,816,283.8	333,238,048.0	327,071,572.8	6,166,475.2
31,634,017.1	21,202,654.2	10,431,362.9	28,441,691.2	27,976,389.8	465,301.4
28,240,162.5	19,608,243.4	8,631,919.1	25,424,165.6	25,015,034.8	409,130.8
40,460,130.3	27,552,909.4	12,907,220.9	28,706,175.6	28,213,914.2	492,261.4
40,950,213.3	27,891,456.9	13,058,756.4	27,648,040.2	27,191,247.2	456,793.0
39,701,767.2	26,910,959.9	12,790,807.3	28,287,861.4	27,840,489.6	447,371.8
38,671,570.3	26,796,387.4	11,875,182.9	27,577,873.0	27,137,857.0	440,016.0
35,469,336.9	24,958,543.8	10,510,793.1	28,347,850.0	27,900,375.2	447,474.8
36,239,531.6	25,056,436.5	11,183,095.1	28,640,741.8	28,141,244.6	499,497.2
36,112,665.5	24,867,530.8	11,245,134.7	27,498,346.2	27,045,875.6	452,470.6
40,015,576.0	26,573,832.8	13,441,743.2	27,528,898.2	26,999,901.8	528,996.4
39,155,305.6	25,871,821.5	13,283,484.1	27,103,326.0	26,389,063.6	714,262.4
38,716,165.8	26,259,381.7	12,456,784.1	28,033,078.8	27,220,179.4	812,899.4

53. 소속별 Performance of Locomotive

소속별 Engine House	구분 Classifi- -cation	열차키로 Train-km	기관차키로 Engine-km	환산차량키로 Coverted Car-km		
				객차환산 Passenger Car-km	화차환산 Freight Car-km	계 Total
총계 (① ~ ⑧) GrandTotal		128,599,318.9	968,684,140.7	1,270,914,091.6	440,386,702.7	1,711,300,794.3
K T X ① KTX						
합 계 Total		27,703,706.9	496,484,587.4	509,439,410.4	-	509,439,410.4
서울본부계 Seoul Regional		18,404,307.3	324,644,276.7	333,614,178.1	-	333,614,178.1
Headquarters						
서울고속철도승무소익산주재	Seoul High Speed(Iksan)	2,908,653.5	47,631,003.8	49,435,535.9	-	49,435,535.9
서울고속철도기관차승무사업소	Seoul High Speed	15,495,653.8	277,013,272.9	284,178,642.2	-	284,178,642.2
부산경남본부계 Busan GyeongNam		9,299,399.6	171,840,310.7	175,825,232.3	-	175,825,232.3
Regional Headquarters						
부산기관차승무사업소	Busan	-	359.2	-	-	-
부산고속철도기관차승무사업소	Busan High Speed	9,299,399.6	171,839,951.5	175,825,232.3	-	175,825,232.3
디젤기관차 ② DieselLocoTotal						
합 계 Total		33,129,406.7	39,124,663.6	124,852,392.3	340,050,247.1	464,902,639.4
본사 Headquarters		-	38.0	-	-	-
특별동차운영단	Special Rolling Stock Operation Workshop	-	38.0	-	-	-
부산철도차량정비단 디젤차량팀	Busan rolling Stock	-	-	-	-	-
부산철도차량정비단 열차차량정비팀		-	-	-	-	-
서울본부계 Seoul Regional		3,534,215.3	4,078,190.2	32,383,336.3	3,358,156.7	35,741,493.0
Headquarters						
서울고속철도기관차승무사업소	Seoul High Speed	6.5	32.8	-	-	-
서울기관차승무사업소	Seoul	1,327,699.8	1,778,582.2	10,131,627.0	3,358,156.7	13,489,783.7
용산기관차승무사업소	Yongsan	2,206,509.0	2,299,575.2	22,251,709.3	-	22,251,709.3
수색차량사업소	Susaek Rolling Stock	-	-	-	-	-
수도권서부계 Metropolitan Western		1,881,707.1	2,304,923.8	757,993.6	33,944,777.7	34,702,771.3
부곡기관차승무사업소	Bugok	1,881,707.1	2,304,923.8	757,993.6	33,944,777.7	34,702,771.3
부곡차량사업소	Bugok Rolling Stock	0.0	0.0	0.0	0.0	0.0

운 전 실 적 (1)

Operation by Engine House

연료사용량(l) Fuel Consumption			연료평균 Fuel Index		운전시간 Operation Time	유전시간 Halt Time
운전용 Operation	유전 Halt	계 Total	기1키로당 Per-km	차100키로당 Per100 Car-km		
172,382,581	8,216,757	180,599,338			6700629:40	430822:36
-	-	-	-	-	3660060:43	0:00
-	-	-	-	-	2478596:16	0:00
-	-	-	-	-	424572:17	0:00
-	-	-	-	-	2054023:59	0:00
-	-	-	-	-	1181464:27	0:00
-	-	-	-	-	0:00	0:00
-	-	-	-	-	1181464:27	0:00
133,981,304	5,361,297	139,342,601	3.42	28.82	742781:40	316317:25
143	88,374	88,517	3.76	-	0:00	2334:0
143	-	143	3.76	-	0:00	0:00
-	83,287	83,287	-	-	0:00	2219:00
-	5,087	5,087	-	-	0:00	115:00
12,846,228	912,228	13,758,456	3.15	35.94	68946:13	53638:38
47	-	47	1.43	-	1:06	0:00
5,405,978	819,581	6,225,559	3.04	40.07	33938:20	48397:15
7,440,203	-	7,440,203	3.24	33.44	35006:47	0:00
-	92,647	92,647	0.00	0.00	0:00	5241:23
7,976,279	486,163	8,462,442	3.46	22.98	44006:47	27960:6
7,976,279	431,338	8,407,617	3.46	22.98	44006:47	24873:23
-	54,825	54,825	-	-	0:00	3086:43

53. 소 속 별 Performance of Locomotive

소 속 별 Engine House	구 분 Classifi- -cation	열차키로 Train-km	기관차키로 Engine-km	환산차량키로 Coverted Car-km		
				객 차 환 산 Passenger Car-km	화 차 환 산 Freight Car-km	계 Total
수 도 권 동 부 계	Metropolitan Eastern	589,815.6	959,097.4	1,683,405.5	6,734,036.6	8,417,442.1
청량리기관차승무사업소	Cheongnyangni	589,815.6	959,097.4	1,683,405.5	6,734,036.6	8,417,442.1
청량리차량사업소	Cheongnyangni Rolling Stock	-	-	-	-	-
강 원 본 부 계	Gangwon Regional	291,114.4	499,082.9	752,938.7	2,245,678.1	2,998,616.8
	Headquarters					
동해기관차승무사업소	Donghae	291,114.4	499,082.9	752,938.7	2,245,678.1	2,998,616.8
동해차량사업소	Donghae Rolling Stock	-	-	-	-	-
대 전 충 남 본 부 계	DaejeonChangnam Regional	6,883,735.5	7,539,589.2	17,248,699.9	91,346,832.7	108,595,532.6
	Headquarters					
대전기관차승무사업소	Daejeon	5,333,298.4	5,794,195.5	14,507,333.5	67,452,544.6	81,959,878.1
대전차량사업소	Cheonan Rolling Stock	-	-	-	-	-
천안기관차승무사업소	Cheonan	1,550,437.1	1,745,393.7	2,741,366.4	23,894,288.1	26,635,654.5
충 북 본 부 계	Changbuk Regional	1,556,633.9	2,146,622.4	1,673,711.6	24,645,341.7	26,319,053.3
	Headquarters					
제천기관차승무사업소	Jecheon	1,556,633.9	2,146,622.4	1,673,711.6	24,645,341.7	26,319,053.3
제천차량사업소	Jecheon Rolling Stock	-	-	-	-	-
광 주 본 부 계	Gwangju Regional	1,000,676.7	1,331,725.3	5,808,129.9	4,022,345.4	9,830,475.3
	Headquarters					
광주기관차승무사업소	Gwangju	632,810.8	841,302.7	3,277,013.5	3,382,861.6	6,659,875.1
목포기관차승무사업소	Mokpo	367,865.9	490,422.6	2,531,116.4	639,483.8	3,170,600.2
광주차량사업소	Gwangju Rolling Stock	-	-	-	-	-
목포차량사업소	Mokpo Rolling Stock	-	-	-	-	-
전 북 본 부 계	Junbuk Regional	2,525,517.5	2,862,780.3	12,612,511.5	17,722,396.6	30,334,908.1
	Headquarters					
익산기관차승무사업소	Iksan	2,525,517.5	2,862,780.3	12,612,511.5	17,722,396.6	30,334,908.1
익산차량사업소	Iksan Rolling Stock	-	-	-	-	-
전 남 본 부 계	Jeonnam Regional	3,688,619.9	4,107,691.8	17,686,826.0	30,093,501.2	47,780,327.2
	Headquarters					
순천기관차승무사업소	Suncheon	3,688,619.9	4,107,691.8	17,686,826.0	30,093,501.2	47,780,327.2
순천차량사업소	Suncheon Rolling Stock	-	-	-	-	-

운전 실적 (2)

Operation by Engine House

연료사용량(ℓ) Fuel Consumption			연료평균 Fuel Index		운전시간 Operation Time	유전시간 Halt Time
운전용 Operation	유전 Halt	계 Total	기1킬로당 Per-km	차100킬로당 Per100 Car-km		
2,484,331	289,257	2,773,588	2.59	29.51	23186:39	20218:15
2,484,331	249,337	2,733,668	2.59	29.51	23186:39	17505:15
-	39,920	39,920	-	-	-	2713:00
1,513,018	342,598	1,855,616	3.03	50.46	11243:51	20285:40
1,513,018	308,363	1,821,381	3.03	50.46	11243:51	18261:30
-	34,235	34,235	-	-	-	2024:10
26,040,591	413,973	26,454,564	3.45	23.98	144996:36	24581:30
20,134,378	207,003	20,341,381	3.47	24.57	107642:55	12769:06
-	79,364	79,364	-	-	-	4720:57
5,906,213	127,606	6,033,819	3.38	22.17	37353:41	7091:00
7,379,687	568,061	7,947,748	3.44	28.04	43525:28	35747:90
7,379,687	482,144	7,861,831	3.44	28.04	43525:28	30455:57
-	85,917	85,917	-	-	-	5291:12
4,056,428	146,698	4,203,126	3.05	41.26	22308:07	8829:24
2,679,859	64,850	2,744,709	3.19	40.24	15458:44	3760:55
1,376,569	58,301	1,434,870	2.81	43.42	6849:23	3656:15
-	20,056	20,056	-	-	-	1200:09
-	3,491	3,491	-	-	-	212:05
9,714,017	513,789	10,227,806	3.39	32.02	52476:32	30181:55
9,714,017	456,013	10,170,030	3.39	32.02	52476:32	26759:05
-	57,776	57,776	-	-	-	3422:50
14,076,155	424,620	14,500,775	3.43	29.46	76343:90	23405:29
14,076,155	378,452	14,454,607	3.43	29.46	76343:90	20855:49
-	46,168	46,168	-	-	-	2549:40

53. 소 속 별 Performance of Locomotive

소 속 별 Engine House	구 분 Classifi- -cation	열차키로 Train-km	기관차키로 Engine-km	환산차량키로 Coverted Car-km		
				객 차 환 산 Passenger Car-km	화 차 환 산 Freight Car-km	계 Total
대 구 분 부 계 Daegu Regional Headquarters		4,969,785.5	5,667,220.9	12,801,971.7	63,306,698.6	76,108,670.3
대구기관차승무사업소	Daegu	2,287,352.0	2,549,551.2	5,802,542.2	30,062,946.7	35,865,488.9
경주기관차승무사업소	Gyeongju	1,458,931.8	1,853,589.3	2,617,501.5	19,169,095.5	21,786,597.0
대구차량사업소	Daegu Rolling Stock	-	-	-	-	-
포항차량사업소	Pohang Rolling Stock	-	-	-	-	-
김천기관차승무사업소	Kimcheon	1,223,501.7	1,264,080.4	4,381,928.0	14,074,656.4	18,456,584.4
경 북 분 부 계 Gyeongbuk Regional Headquarters		2,228,043.7	2,621,577.5	7,687,929.9	25,098,329.9	32,786,259.8
영주기관차승무사업소	Yeongju	2,228,043.7	2,621,577.5	7,687,929.9	25,098,329.9	32,786,259.8
영주차량사업소	Yeongju Rolling Stock	-	-	-	-	-
부 산 경 남 분 부 계 Busan GyeongNam Regional Headquarters		3,979,541.6	5,006,123.9	13,754,937.7	37,532,151.9	51,287,089.6
부산기관차승무사업소	Busan	2,680,278.0	3,390,045.9	10,021,552.4	26,408,053.6	36,429,606.0
부산고속철도기관차승무사업소	Busan High Speed	103.4	103.4	-	-	-
가야차량사업소	Gaya Rolling Stock	-	-	-	-	-
마산기관차승무사업소	Masan	1,299,160.2	1,615,974.6	3,733,385.3	11,124,098.3	14,857,483.6
마산차량사업소	Masan Rolling Stock	-	-	-	-	-
부산신항차량사업소	Busan Shinhang Rolling Stock	-	-	-	-	-
일 반 동 차 ③ OtherRailCar						
합 계 Total		4,034,124.7	16,085,031.2	28,891,756.1	-	28,891,756.1
본 사 Headquarters		-	-	-	-	-
수도권철도차량정비단 디젤차량팀	Seoul Rolling Stock workshop	-	-	-	-	-
서 울 분 부 계 Seoul Regional Headquarters		11.3	47.2	58.7	-	58.7
서울기관차승무사업소	Seoul	11.3	47.2	58.7	-	58.7
서울차량사업소	Seoul Rolling Stock	-	-	-	-	-
용산차량사업소	Yongsan Rolling Stock	-	-	-	-	-

운전 실적 (3)

Operation by Engine House

연료사용량(ℓ) Fuel Consumption			연료평균 Fuel Index		운전시간 Operation Time	유전시간 Halt Time
운전용 Operation	유전 Halt	계 Total	기1킬로당 Per-km	차100킬로당 Per100 Car-km		
20,079,959	480,017	20,559,976	3.54	26.38	111041:57	28521:35
9,296,195	86,363	9,382,558	3.65	25.92	45357:29	4842:03
6,260,936	347,937	6,608,873	3.38	28.74	44990:38	20936:46
-	45,679	45,679	-	-	-	2740:26
-	38	38	-	-	-	2:20
4,522,828	-	4,522,828	3.58	24.51	20693:50	-
9,894,946	342,234	10,237,180	3.77	30.18	53238:09	19790:30
9,894,946	306,060	10,201,006	3.77	30.18	53238:09	17663:0
-	36,174	36,174	-	-	-	2127:30
17,919,522	353,285	18,272,807	3.58	34.94	91468:12	20823:41
12,170,234	257,915	12,428,149	3.59	33.41	60297:06	14983:10
339	-	339	3.28	-	1:24	-
-	12,066	12,066	-	-	-	706:20
5,748,949	51,187	5,800,136	3.56	38.69	31169:42	3296:10
-	8,773	8,773	-	-	-	539:50
-	23,344	23,344	-	-	-	1298:11
11,431,209	595,097	12,026,306	0.71	39.57	283387:53	54336:16
-	22,720	22,720	-	-	-	1136:00
-	22,720	22,720	-	-	-	1136:00
55	115,689	115,744	1.17	93.70	2:08	8262:00
55	-	55	1.17	93.70	2:08	-
-	129	129	-	-	-	-
-	115,560	115,560	-	-	-	8262:00

53. 소속별 Performance of Locomotive

소속별 Engine House	구분 Classification	열차키로 Train-km	기관차키로 Engine-km	환산차량키로 Covered Car-km		
				객차환산 Passenger Car-km	화차환산 Freight Car-km	계 Total
수도권동부계	Metropolitan	359,873.3	1,440,942.7	2,545,715.5	-	2,545,715.5
	Eastern					
청량리기관차승무사업소	Cheongnyangni	359,873.3	1,440,942.7	2,545,715.5	-	2,545,715.5
청량리차량사업소	Cheongnyangni Rolling Stock	-	-	-	-	-
강원본부계	Gangwon Regional	87,847.5	266,749.2	712,592.4	-	712,592.4
	Headquarters					
동해기관차승무사업소	Donghae	87,847.5	266,749.2	712,592.4	-	712,592.4
강릉차량사업소	Gangneung Rolling Stock	-	-	-	-	-
대전충남본부계	DaejeonChangnam Regional	276.9	941.3	2,929.0	-	2,929.0
	Headquarters					
대전기관차승무사업소	Daejeon	276.9	941.3	2,929.0	-	2,929.0
충북본부계	Changbuk Regional	380.6	1,368.0	2,472.5	-	2,472.5
	Headquarters					
제천기관차승무사업소	Jecheon	380.6	1,368.0	2,472.5	-	2,472.5
광주본부계	Gwangju Regional	126,995.6	512,049.8	871,322.4	-	871,322.4
	Headquarters					
광주기관차승무사업소	Gwangju	126,995.6	512,049.8	871,322.4	-	871,322.4
광주차량사업소	Gwangju Rolling Stock	-	-	-	-	-
전북본부계	Junbuk Regional	60,604.2	242,887.5	395,239.5	-	395,239.5
	Headquarters					
익산기관차승무사업소	Iksan	60,604.2	242,887.5	395,239.5	-	395,239.5
전남본부계	Jeonnam Regional	497,456.6	2,004,794.3	3,374,474.0	-	3,374,474.0
	Headquarters					
순천기관차승무사업소	Suncheon	497,456.6	2,004,794.3	3,374,474.0	-	3,374,474.0
순천차량사업소	Suncheon Rolling Stock	-	-	-	-	-
여수차량사업소	Yeosu Rolling Stock	-	-	-	-	-

운 전 실 적 (4)

Operation by Engine House

연료사용량(ℓ) Fuel Consumption			연료평균 Fuel Index		운전시간 Operation Time	유전시간 Halt Time
운전용 Operation	유전 Halt	계 Total	기1키로당 Per-km	차100키로당 Per100 Car-km		
1,326,074	17,042	1,343,116	0,92	52,09	32793:1	1253:50
1,326,074	3,310	1,329,384	0,92	52,09	32793:1	273:20
-	13,732	13,732	-	-	-	980:30
213,677	6,186	219,863	0,80	29,99	6092:50	373:00
213,677	2,950	216,627	0,80	29,99	6092:50	164:00
-	3,236	3,236	-	-	-	209:00
-	-	-	-	-	11:16	-
-	-	-	-	-	11:16	-
1,168	-	1,168	0,85	47,24	19:40	-
1,168	-	1,168	0,85	47,24	19:40	-
57,705	51,306	109,011	0,11	6,62	9534:33	4642:12
57,705	39,347	97,052	0,11	6,62	9534:33	3628:52
-	11,959	11,959	-	-	-	1013:20
108	62,338	62,446	-	0,03	3363:22	4402:15
108	62,338	62,446	-	0,03	3363:22	4402:15
2,448,468	80,849	2,529,317	1,22	72,56	33204:25	6506:52
2,448,468	45,904	2,494,372	1,22	72,56	33204:25	3940:48
-	4,377	4,377	-	-	-	344:7
-	30,568	30,568	-	-	-	2221:57

53. 소 속 별 Performance of Locomotive

소 속 별 Engine House	구 분 Classifi- -cation	열차키로 Train-km	기관차키로 Engine-km	환산차량키로 Coverted Car-km		
				객 차 환 산 Passenger Car-km	화 차 환 산 Freight Car-km	계 Total
대 구 분 부 계 Daegu Regional Headquarters		1,939,657.6	7,769,128.8	14,303,056.4	-	14,303,056.4
대구기만차승무사업소	Daegu	576,114.7	2,306,545.0	4,204,058.9	-	4,204,058.9
경주기만차승무사업소	Gyeongju	1,279,446.9	5,126,199.8	9,636,130.1	-	9,636,130.1
대구차량사업소	Daegu Rolling Stock	-	-	-	-	-
포항차량사업소	Pohang Rolling Stock	-	-	-	-	-
김천기만차승무사업소	Kimcheon	84,096.0	336,384.0	462,867.4	-	462,867.4
경 북 분 부 계 Gyeongbuk Regional Headquarters		116,799.0	467,196.0	643,163.9	-	643,163.9
영주기만차승무사업소	Yeongju	116,799.0	467,196.0	643,163.9	-	643,163.9
영주차량사업소	Yeongju Rolling Stock	-	-	-	-	-
부 산 경 남 분 부 계 Busan GyeongNam Regional Headquarters		844,222.1	3,378,926.4	6,040,731.8	-	6,040,731.8
부산기만차승무사업소	Busan	455,760.7	1,824,851.2	3,266,328.2	-	3,266,328.2
부산차량사업소	Busan Rolling Stock	-	-	-	-	-
부전차량사업소	Bujeon Rolling Stock	-	-	-	-	-
마산기만차승무사업소	Masan	388,461.4	1,554,075.2	2,774,403.6	-	2,774,403.6
마산차량사업소	Masan Rolling Stock	-	-	-	-	-
특 수 동 차 ④ GeneralRailCar (새 마 을)						
합 계 Total		7,168,270.3	56,465,781.6	76,850,507.2	-	76,850,507.2
본 사 Headquarters		1,425.0	2,850.0	-	-	-
특별동차운영단	SpecialRollingStock Operation Workshop	1,425.0	2,850.0	-	-	-
수도권철도차량정비단 대철차팀	Seoul Rolling Stock workshop	-	-	-	-	-
서 울 분 부 계 Seoul Regional Headquarters		2,619,735.8	20,957,269.7	28,106,850.8	-	28,106,850.8
서울고속철도기만차승무사업소	Seoul High Speed	-	72.0	-	-	-
서울기만차승무사업소	Seoul	1,393,408.5	11,147,441.4	15,080,988.9	-	15,080,988.9
용산기만차승무사업소	Yongsan	1,226,327.3	9,809,756.3	13,025,861.9	-	13,025,861.9
서울차량사업소	Seoul Rolling Stock	-	-	-	-	0.0

운전 실적 (5)

Operation by Engine House

연료사용량(ℓ) Fuel Consumption			연료평균 Fuel Index		운전시간 Operation Time	유전시간 Halt Time
운전용 Operation	유전 Halt	계 Total	기1킬로당 Per-km	차100킬로당 Per100 Car-km		
6,783,458	180,012	6,963,470	0,87	47,43	130805:23	22087:54
95,985	164,273	260,258	0,04	2,28	35610:36	20516:24
6,665,243	32	6,665,275	1,30	69,17	88822:31	4:00
-	8,336	8,336	-	-	0:00	1035:00
-	7,371	7,371	-	-	0:00	532:30
22,230	-	22,230	0,07	4,80	6372:16	0:00
31,299	12	31,311	0,07	4,87	7472:48	1:30
31,299	-	31,299	0,07	4,87	7472:48	0:00
-	12	12	-	-	0:00	1:30
569,197	58,943	628,140	0,17	9,42	60088:27	5670:43
435,795	-	435,795	0,24	13,34	34405:43	0:00
-	100	100	-	-	0:00	27:20
-	2,097	2,097	-	-	0:00	178:00
133,402	52,306	185,708	0,09	4,81	25682:44	4983:20
0	4,440	4,440	-	-	0:00	482:03
26,970,068	2,260,363	29,230,431	0,48	35,09	753815:56	60168:55
2,034	69,230	71,264	0,71	-	17:11	1614:00
2,034	-	2,034	0,71	-	17:11	0:00
-	69,230	69,230	-	-	0:00	1614:00
10,014,353	1,348,299	11,362,652	0,48	35,63	285783:6	34908:34
260	-	260	3,61	-	0:00	0:00
5,399,820	-	5,399,820	0,48	35,81	147073:02	0:00
4,614,273	-	4,614,273	0,47	35,42	138710:04	0:00
0	1,348,299	1,348,299	-	-	0:00	34908:34

53. 소속별 Performance of Locomotive

소속별 Engine House	구분 Classification	열차키로 Train-km	기관차키로 Engine-km	환산차량키로 Coverted Car-km		
				객차환산 Passenger Car-km	화차환산 Freight Car-km	계 Total
수도권동부계	Metropolitan Eastern	45,2	415,6	428,0	-	428,0
청량리기관차승무사업소	Cheongnyangni	45,2	415,6	428,0	-	428,0
대전충남본부계	DaejeonChangnam Regional Headquarters	924,973,6	7,362,174,9	10,057,704,0	-	10,057,704,0
대전기관차승무사업소	Daejeon	922,807,7	7,345,012,1	10,033,265,4	-	10,033,265,4
천안기관차승무사업소	Cheonan	2,165,9	17,162,8	24,438,6	-	24,438,6
충북본부계	Changbuk Regional Headquarters	652,6	5,310,2	6,654,2	-	6,654,2
제천기관차승무사업소	Jecheon	652,6	5,310,2	6,654,2	-	6,654,2
광주본부계	Gwangju Regional Headquarters	287,529,1	2,302,250,7	3,108,217,3	-	3,108,217,3
광주기관차승무사업소	Gwangju	167,207,2	1,341,987,9	1,813,212,5	-	1,813,212,5
목포기관차승무사업소	Mokpo	120,321,9	960,262,8	1,295,004,8	-	1,295,004,8
광주차량사업소	Gwangju Rolling Stock	-	-	-	-	0,0
목포차량사업소	Mokpo Rolling Stock	-	-	-	-	0,0
전북본부계	Junbuk Regional Headquarters	591,500,5	4,723,896,0	6,335,570,5	-	6,335,570,5
익산기관차승무사업소	Iksan	591,500,5	4,723,896,0	6,335,570,5	-	6,335,570,5
익산차량사업소	Iksan Rolling Stock	-	-	-	-	0,0
전남본부계	Jeonnam Regional Headquarters	271,839,3	2,176,751,4	2,902,778,1	-	2,902,778,1
순천기관차승무사업소	Suncheon	271,839,3	2,176,751,4	2,902,778,1	-	2,902,778,1
여수차량사업소	Yeosu Rolling Stock	-	-	-	-	0,0
대구본부계	Daegu Regional Headquarters	1,602,567,8	12,012,883,8	16,691,318,9	-	16,691,318,9
대구기관차승무사업소	Daegu	1,579,815,2	11,831,849,0	16,433,695,5	-	16,433,695,5
경주기관차승무사업소	Gyeongju	22,752,6	181,034,8	257,623,4	-	257,623,4
대구차량사업소	Daegu Rolling Stock	-	-	-	-	-
포항차량사업소	Pohang Rolling Stock	-	-	-	-	-

운 전 실 적 (6)

Operation by Engine House

연료사용량(l) Fuel Consumption			연료평균 Fuel Index		운전시간 Operation Time	유전시간 Halt Time
운전용 Operation	유전 Halt	계 Total	기1키로당 Per-km	차100키로당 Per100 Car-km		
201	-	201	0.48	46.96	17:06	0:00
201	-	201	0.48	46.96	17:06	0:00
3,374,879	-	3,374,879	0.46	33.56	88903:50	0:00
3,366,420	-	3,366,420	0.46	33.55	88685:06	0:00
8,459	-	8,459	0.49	34.61	218:44	0:00
2,352	-	2,352	0.44	35.35	63:38	0:00
2,352	-	2,352	0.44	35.35	63:38	0:00
1,084,112	120,589	1,204,701	0.47	34.88	26677:54	3162:07
623,508	68,526	692,034	0.46	34.39	15743:16	1830:25
460,604	43,836	504,440	0.48	35.57	10934:38	1063:52
-	7,331	7,331	-	-	0:00	243:50
-	896	896	-	-	0:00	24:00
2,189,010	241,743	2,430,753	0.46	34.55	67608:45	5732:45
2,189,010	209,008	2,398,018	0.46	34.55	67608:45	4935:10
-	32,735	32,735	-	-	0:00	797:35
1,004,772	37,038	1,041,810	0.46	34.61	27781:36	1085:33
1,004,772	-	1,004,772	0.46	34.61	27781:36	0:00
-	37,038	37,038	-	-	0:00	1085:33
6,079,079	71,907	6,150,986	0.51	36.42	162683:16	3807:40
5,970,751	38,055	6,008,806	0.50	36.33	160056:39	1465:00
108,328	-	108,328	0.60	42.05	2626:37	0:00
-	1,989	1,989	-	-	0:00	77:00
-	31,863	31,863	-	-	0:00	2265:40

53. 소속별 Performance of Locomotive

소속별 Engine House	구분 Classification	열차키로 Train-km	기관차키로 Engine-km	환산차량키로 Coverted Car-km		
				객차환산 Passenger Car-km	화차환산 Freight Car-km	계 Total
경북본부계 Gyeongbuk Regional Headquarters		-	-	-	-	-
영주기관차승무사업소 Yeongju		-	-	-	-	-
부산경남본부계 Busan GyeongNam Regional Headquarters		868,001.4	6,921,919.3	9,640,985.4	-	9,640,985.4
부산기관차승무사업소 Busan		812,013.1	6,478,503.9	9,044,268.0	-	9,044,268.0
부산고속철도기관차승무사업소 Busan High Speed		-	8.0	-	-	-
부산차량사업소 Busan Rolling Stock		-	-	-	-	-
마산기관차승무사업소 Masan		55,988.3	443,407.4	596,717.4	-	596,717.4
마산차량사업소 Masan Rolling Stock		-	-	-	-	-
전기기관차 ⑤ ElectricLocoTotal						
합계 Total		18,643,496.2	22,049,233.9	121,644,070.9	100,336,455.6	221,980,526.5
서울본부계 Seoul Regional Headquarters		1,888,167.9	1,908,235.7	18,443,079.3	200,955.0	18,644,034.3
서울기관차승무사업소 Seoul		1,599,598.8	1,619,181.6	15,907,982.3	200,955.0	16,108,937.3
용산기관차승무사업소 Yongsan		288,569.1	289,054.1	2,535,097.0	0.0	2,535,097.0
수도권서부계 Metropolitan Western		243,249.9	284,283.7	1,979.6	5,009,737.1	5,011,716.7
부곡기관차승무사업소 Bugok		243,249.9	284,283.7	1,979.6	5,009,737.1	5,011,716.7
수도권동부계 Metropolitan Eastern		1,832,463.7	1,991,484.2	7,472,577.3	20,159,904.8	27,632,482.1
청량리기관차승무사업소 Cheongnyangni		1,832,463.7	1,991,484.2	7,472,577.3	20,159,904.8	27,632,482.1
강원본부계 Gangwon Regional Headquarters		1,266,227.5	1,970,320.5	5,303,847.1	10,237,750.8	15,541,597.9
동해기관차승무사업소 Donghae		1,266,227.5	1,970,320.5	5,303,847.1	10,237,750.8	15,541,597.9
대전충남본부계 DaejeonChangnam Regional Headquarters		3,871,275.9	4,042,314.9	33,461,399.9	6,127,166.6	39,588,566.5
대전기관차승무사업소 Daejeon		2,970,351.7	3,061,239.7	26,581,200.0	2,009,578.8	28,590,778.8
천안기관차승무사업소 Cheonan		900,924.2	981,075.2	6,880,199.9	4,117,587.8	10,997,787.7

운 전 실 적 (7)

Operation by Engine House

연료사용량(ℓ) Fuel Consumption			연료평균 Fuel Index		운전시간 Operation Time	유전시간 Halt Time
운전용 Operation	유전 Halt	계 Total	기1키로당 Per-km	차100키로당 Per100 Car-km		
-	-	-	-	-	-	-
-	-	-	-	-	-	-
3,219,276	371,557	3,590,833	0,47	33,39	94279:34	9858:16
3,010,182	-	3,010,182	0,46	33,28	88642:32	-
15	-	15	1,88	0,00	0:40	-
-	323,757	323,757	0,00	0,00	0:00	8171:16
209,079	44,926	254,005	0,47	35,04	5636:22	1562:00
-	2,874	2,874	-	-	-	125:00
-	-	-	-	-	423975:34	0:00
-	-	-	-	-	27170:56	0:00
-	-	-	-	-	23483:09	0:00
-	-	-	-	-	3687:47	0:00
-	-	-	-	-	5208:02	0:00
-	-	-	-	-	5208:02	0:00
-	-	-	-	-	41529:57	0:00
-	-	-	-	-	41529:57	0:00
-	-	-	-	-	55363:11	0:00
-	-	-	-	-	55363:11	0:00
-	-	-	-	-	56348:14	0:00
-	-	-	-	-	41378:17	0:00
-	-	-	-	-	14969:57	0:00

53. 소 속 별 Performance of Locomotive

소 속 별 Engine House	구 분 Classifi- -cation	열차키로 Train-km	기관차키로 Engine-km	환산차량키로 Coverted Car-km		
				객 차 환 산 Passenger Car-km	화 차 환 산 Freight Car-km	계 Total
충 북 본 부 계	Changbuk Regional Headquarters	3,239,372.6	4,423,858.6	10,024,114.7	36,968,561.5	46,992,676.2
제천기관차승무사업소	Jecheon	3,239,372.6	4,423,858.6	10,024,114.7	36,968,561.5	46,992,676.2
광 주 본 부 계	Gwangju Regional Headquarters	954,957.7	977,250.0	8,117,082.7	-	8,117,082.7
광주기관차승무사업소	Gwangju	412,565.2	427,716.4	2,695,864.1	-	2,695,864.1
목포기관차승무사업소	Mokpo	542,392.5	549,533.6	5,421,218.6	-	5,421,218.6
전 북 본 부 계	Junbuk Regional Headquarters	704,043.6	713,821.1	6,608,763.7	-	6,608,763.7
익산기관차승무사업소	Iksan	704,043.6	713,821.1	6,608,763.7	-	6,608,763.7
전 남 본 부 계	Jeonnam Regional Headquarters	221,420.3	230,936.9	1,474,345.6	4,368.0	1,478,713.6
순천기관차승무사업소	Suncheon	221,420.3	230,936.9	1,474,345.6	4,368.0	1,478,713.6
대 구 본 부 계	Daegu Regional Headquarters	1,624,837.8	1,682,417.0	14,459,242.6	3,675,889.2	18,135,131.8
대구기관차승무사업소	Daegu	1,368,070.7	1,404,936.8	14,210,978.0	5,173.2	14,216,151.2
경주기관차승무사업소	Gyeongju	293.2	1,059.1	-	4,060.3	4,060.3
김천기관차승무사업소	Kimcheon	256,473.9	276,421.1	248,264.6	3,666,655.7	3,914,920.3
경 북 본 부 계	Gyeongbuk Regional Headquarters	1,790,647.9	2,763,691.9	7,380,358.9	14,948,900.1	22,329,259.0
영주기관차승무사업소	Yeongju	1,790,647.9	2,763,691.9	7,380,358.9	14,948,900.1	22,329,259.0
부 산 경 남 본 부 계	Busan GyeongNam Regional Headquarters	1,006,831.4	1,060,619.4	8,897,279.5	3,003,222.5	11,900,502.0
부산기관차승무사업소	Busan	997,378.6	1,049,784.9	8,876,863.8	2,850,416.9	11,727,280.7
마산기관차승무사업소	Masan	9,452.8	10,834.5	20,415.7	152,805.6	173,221.3
전 기 동 차 ⑥	Electric RailCar					
합 계 Total		1,216,610.9	5,236,795.0	6,702,171.1	-	6,702,171.1

운 전 실 적 (8)

Operation by Engine House

연료사용량(ℓ) Fuel Consumption			연료평균 Fuel Index		운전시간 Operation Time	유전시간 Halt Time
운전용 Operation	유전 Halt	계 Total	기1키로당 Per-km	차100키로당 Per100 Car-km		
-	-	-	-	-	109327:54	0:00
-	-	-	-	-	109327:54	0:00
-	-	-	-	-	12776:36	0:00
-	-	-	-	-	5831:18	0:00
-	-	-	-	-	6945:18	0:00
-	-	-	-	-	9306:11	0:00
-	-	-	-	-	9306:11	0:00
-	-	-	-	-	3018:11	0:00
-	-	-	-	-	3018:11	0:00
-	-	-	-	-	22178:14	0:00
-	-	-	-	-	17946:53	0:00
-	-	-	-	-	34:42	0:00
-	-	-	-	-	4196:39	0:00
-	-	-	-	-	67642:42	0:00
-	-	-	-	-	67642:42	0:00
-	-	-	-	-	14105:26	0:00
-	-	-	-	-	13934:14	0:00
-	-	-	-	-	171:12	0:00
-	-	-	-	-	73782:40	0:00

53. 소 속 별 Performance of Locomotive

소 속 별 Engine House	구 분 Classifi- -cation	열차키로 Train-km	기관차키로 Engine-km	환산차량키로 Coverted Car-km		
				객 차 환 산 Passenger Car-km	화 차 환 산 Freight Car-km	계 Total
서울본부계	Seoul Regional	657,173.5	2,925,956.0	3,720,092.0	-	3,720,092.0
	Headquarters					
서울기관차승무사업소	Seoul	348,563.9	1,396,833.2	1,779,954.1	-	1,779,954.1
용산기관차승무사업소	Yongsan	308,609.6	1,529,122.8	1,940,137.9	-	1,940,137.9
수도권동부계	Metropolitan	7,690.4	30,761.6	39,806.0	-	39,806.0
	Eastern					
청량리기관차승무사업소	Cheongnyangni	7,690.4	30,761.6	39,806.0	-	39,806.0
대전충남본부계	Daejeon Changnam Regional	435,296.6	1,789,897.2	2,303,899.7	-	2,303,899.7
	Headquarters					
대전기관차승무사업소	Daejeon	23,005.4	128,751.6	170,368.7	-	170,368.7
천안기관차승무사업소	Cheonan	412,291.2	1,661,145.6	2,133,531.0	-	2,133,531.0
충북본부계	Changbuk Regional	110,758.8	446,082.6	580,862.4	-	580,862.4
	Headquarters					
제천기관차승무사업소	Jecheon	110,758.8	446,082.6	580,862.4	-	580,862.4
광주본부계	Gwangju Regional	2,934.0	23,472.0	31,098.0	-	31,098.0
	Headquarters					
목포기관차승무사업소	Mokpo	2,934.0	23,472.0	31,098.0	-	31,098.0
전북본부계	Junbuk Regional	2,757.6	20,617.6	26,413.0	-	26,413.0
	Headquarters					
익산기관차승무사업소	Iksan	2,757.6	20,617.6	26,413.0	-	26,413.0
부산경남본부계	Busan GyeongNam	-	8.0	-	-	-
	Regional Headquarters					
부산고속철도기관차승무사업소	Busan High Speed	-	8.0	-	-	-
증기기관차 ⑦	Steam Loco					
수도권전동차 ⑧	Smesrs	36,703,703.2	333,238,048.0	402,533,783.6	-	402,533,783.6

운 전 실 적 (9)

Operation by Engine House

연료사용량(l) Fuel Consumption			연료평균 Fuel Index		운전시간 Operation Time	유전시간 Halt Time
운전용 Operation	유전 Halt	계 Total	기1키로당 Per-km	차100키로당 Per100 Car-km		
-	-	-	-	-	42407:10	0:00
-	-	-	-	-	20312:02	0:00
-	-	-	-	-	22095:08	0:00
-	-	-	-	-	553:20	0:00
-	-	-	-	-	553:20	0:00
-	-	-	-	-	24644:8	0:00
-	-	-	-	-	1546:28	0:00
-	-	-	-	-	23097:40	0:00
-	-	-	-	-	5707:26	0:00
-	-	-	-	-	5707:26	0:00
-	-	-	-	-	230:56	0:00
-	-	-	-	-	230:56	0:00
-	-	-	-	-	239:40	0:00
-	-	-	-	-	239:40	0:00
-	-	-	-	-	0:00	0:00
-	-	-	-	-	0:00	0:00
-	-	-	-	-	762825:14	0:00

54. 기관차종별, 열차 Performance of Locomotive

구분 Classification 열차종별 Kinds of Train	열차키로 Train-km	기관차키로 Engine-km	환산차량키로	
			객차 Passenger Car-km	화차 Freight Car-km
총계 (① ~ ⑧) Grand Total	128,599,318.9	968,684,140.7	1,270,914,091.6	440,386,702.7
일반열차계 Sub Total (① ~ ⑦)	91,895,615.7	635,446,092.7	868,380,308.0	440,386,702.7
K T X KTX	26,690,201.0	26,690,201.0	491,758,604.0	-
새마을 Saemaeul	9,272,113.0	9,272,113.0	96,065,687.6	-
무궁화 Mugunghwa	27,358,101.4	27,358,101.4	245,505,980.1	-
통근형 Commuter	295,757.8	295,757.8	2,212,603.6	-
누리로 Nooriro	1,075,302.2	1,075,302.2	6,046,247.7	-
혼합 Mixing	7.1	7.1	-	-
소화물 Package	449.8	449.8	5,486.7	-
건설여객 Other Passenger	59,539.9	59,539.9	590,575.0	-
회송 (객) Out of Service(pass)	2,056,223.1	2,056,223.1	25,898,534.4	-
일반화물 Ordinary Freight	24,693,116.6	24,693,116.6	-	438,186,905.1
건설화물 Other Freight	120,914.1	120,914.1	-	1,677,184.7
공사 Other Construction	97,103.9	97,103.9	-	522,612.9
단행 Single Unit	-	2,393,296.7	-	-
입환 Switching	-	5,009,617.4	-	-
시운전 Testing	176,785.8	176,785.8	296,588.9	-
보기 Helping	-	59,713.7	-	-
피제어 Ungovern	-	536,087,849.2	-	-
여객계 Passenger Total	66,807,695.3	599,295,037.8	868,083,719.1	-
화물계 Freight Total	24,911,134.6	28,670,839.8	-	440,386,702.7
기타계 Other Total	176,785.8	7,480,215.1	296,588.9	-
고속차량 ① High Speed Car Total	27,703,706.9	496,484,587.4	509,439,410.4	-
K T X KTX	26,690,201.0	26,690,201.0	491,758,604.0	-
회송 (객) Out of Service(pass)	958,670.6	958,670.6	17,397,748.7	-
입환 Switching	-	1,216,767.8	-	-

종별 운전 실적 (1)

Operation by Train Kinds

Covered Car-km 계	연료사용량 Fuel Consumption	열차키로별비율 Operation Ration by Train-km	환산연결량수 Av No of Cars Per Train-km	연료평균 Fuel Index		운전시간 Operation Time
				기관차1 키로당 Per Engine-km	환산키로100키로 당 Per100 Car -km Covered	
1,711,300,794.3	172,382,581	100.0	13.3	0.18	10.07	6,700,629 : 40
1,308,767,010.7	172,382,581	100.0	14.2	0.27	13.17	5,937,804 : 26
491,758,604.0	-	29.0	18.4	-	-	190,319 : 49
96,065,687.6	17,083,090	10.1	10.3	1.84	17.78	119,337 : 19
245,505,980.1	40,962,082	29.8	8.9	1.50	16.68	398,592 : 15
2,212,603.6	265,105	0.3	7.4	0.90	11.98	6,708 : 33
6,046,247.7	-	1.2	5.6	-	-	14,965 : 03
-	6	-	-	0.85	-	00 : 16
5,486.7	1,607	-	12.1	3.57	29.29	05 : 49
590,575.0	89,209	0.1	9.9	1.50	15.11	915 : 07
25,898,534.4	2,394,543	2.2	12.5	1.16	9.25	50,117 : 31
438,186,905.1	73,278,059	26.9	17.7	2.97	16.72	573,051 : 40
1,677,184.7	388,406	0.1	13.8	3.21	23.16	2,769 : 34
522,612.9	329,146	0.1	5.3	3.39	62.98	2,578 : 23
-	5,743,382	-	-	2.40	-	58,953 : 12
-	7,827,293	-	-	1.56	-	52,187 : 58
296,588.9	159,508	0.2	1.6	0.90	53.78	2,388 : 56
-	92,741	-	-	1.55	-	1,460 : 26
-	23,768,404.0	-	-	-	-	4,463,452 : 35
868,083,719.1	83,877,719	72.7	12.9	0.14	9.66	5,151,877 : 38
440,386,702.7	77,340,373	27.1	17.6	2.70	17.56	683,106 : 52
296,588.9	11,164,489	0.2	1.6	1.49	3,739.61	102,819 : 56
509,439,410.4	-	100.0	18.3	-	-	3,660,060 : 43
491,758,604.0	-	96.3	18.4	-	-	190,319 : 49
17,397,748.7	-	3.5	18.1	-	-	15,278 : 17
-	-	-	--	-	-	8,051 : 22

54. 기관차종별, 열차 Performance of Locomotive

열차종별 Kinds of Train	구 분 Classification	열차키로 Train-km	기관차키로 Engine-km	환산차량키로	
				객 차 Passenger Car-km	화 차 Freight Car-km
시 운 전 Testing		54,835.3	54,835.3	283,057.7	-
피 제 어 Ungovern		-	467,564,112.7	-	-
여 객 계 Passenger Total		27,648,871.6	494,468,548.0	509,156,352.7	-
기 타 계 Other Total		54,835.3	2,016,039.4	283,057.7	-
디젤기관차계② Diesel Loco Total		33,129,406.7	39,124,663.6	124,852,392.3	340,050,247.1
새 마 을 Saemaeul		1,212,409.1	1,212,409.1	11,722,915.5	-
무 궁 화 Mugunghwa		11,719,002.5	11,719,002.5	109,537,039.1	-
건 설 객 Other Passenger		29,636.5	29,636.5	211,627.2	-
혼 합 Mixing		7.1	7.1	-	-
소 화 물 Package		449.8	449.8	5,486.7	-
회 송 (객) Out of Service(pass)		404,159.3	404,159.3	3,375,323.8	-
일 반 화 물 Ordinary Freight		19,475,268.8	19,475,268.8	-	337,850,449.5
건 설 화 물 Other Freight		120,914.1	120,914.1	-	1,677,184.7
공 사 Other Construction		97,088.1	97,088.1	-	522,612.9
단 행 Single Unit		-	1,872,512.2	-	-
입 환 Switching		-	3,494,133.6	-	-
시 운 전 Testing		70,471.4	70,471.4	-	-
보 기 Helping		-	58,205.7	-	-
피 제 어 Ungovern		-	570,405.4	-	-
여 객 계 Passenger Total		13,365,664.3	13,758,345.8	124,852,392.3	-
화 물 계 Freight Total		19,693,271.0	20,627,826.6	-	340,050,247.1
기 타 계 Other Total		70,471.4	4,738,491.2	-	-
일반동차계③ General Rail Car Total		4,034,124.7	16,085,031.2	28,891,756.1	-
새 마 을 Saemaeul		84,641.5	84,641.5	701,771.0	-
무 궁 화 Mugunghwa		3,553,487.7	3,553,487.7	25,455,228.2	-

종별 운전 실적 (2)

Operation by Train Kinds

Covered Car-km	연료사용량 Fuel Consumption	열차키로별비율 Operation Ration by Train-km	환산연결량수 Av No of Cars Per Train-km	연료평균 Fuel Index		운전시간 Operation Time
				기관차1 키로당 Per Engine-km	환산키로100키로 당 Per100 Car -km Covered	
283,057.7	-	0.2	5.1	-	-	501 : 26
-	-	-	-	-	-	3,445,909 : 49
509,156,352.7	-	99.8	18.4	-	-	3,644,742 : 05
283,057.7	-	0.2	5.1	-	-	15,318 : 38
464,902,639.4	133,981,304	100.0	14.0	3.42	28.80	742,781 : 40
11,722,915.5	4,128,057	3.7	9.6	3.40	35.21	16,408 : 37
109,537,039.1	38,540,116	35.4	9.3	3.29	35.18	172,710 : 19
211,627.2	87,634	0.1	7.1	2.96	41.41	446 : 26
-	6	-	-	0.85	-	00 : 16
5,486.7	1,607	-	12.1	3.57	29.29	05 : 49
3,375,323.8	1,650,013	1.2	8.3	4.08	48.88	14,087 : 27
337,850,449.5	73,278,059	58.8	17.3	3.76	21.69	433,361 : 59
1,677,184.7	388,406	0.4	13.8	3.21	23.16	2,769 : 34
522,612.9	329,146	0.3	5.3	3.39	62.98	2,578 : 03
-	5,743,382	-	-	3.07	-	46,331 : 13
-	7,616,711	-	-	2.18	-	41,829 : 48
-	158,101	0.2	-	2.24	-	1,069 : 31
-	92,741	-	-	1.59	-	1,420 : 41
-	1,967,325	-	-	3.45	-	9,761 : 57
124,852,392.3	45,689,823	40.3	9.3	3.32	36.60	209,467 : 33
340,050,247.1	77,340,373	59.4	17.2	3.75	22.74	458,560 : 48
-	10,951,108	0.2	-	2.31	-	74,753 : 19
28,891,756.1	11,431,209	100.0	7.2	0.71	39.57	283,387 : 53
701,771.0	94,217	2.1	8.2	1.11	13.43	1,950 : 43
25,455,228.2	2,421,966	88.1	7.1	0.68	9.51	60,170 : 09

54. 기관차종별, 열차 Performance of Locomotive

구분 Classification 열차종별 Kinds of Train	열차키로 Train-km	기관차키로 Engine-km	환산차량키로	
			객차 Passenger Car-km	화차 Freight Car-km
통근형 Commuter	295,757.8	295,757.8	2,212,603.6	-
회송 (객) Out of Service(pass)	99,056.8	99,056.8	514,522.5	-
입환 Switching	-	37,198.7	-	-
시운전 Testing	1,180.9	1,180.9	7,630.8	-
피제어 Ungovern	-	12,013,707.8	-	-
여객계 Passenger Total	4,032,943.8	16,043,164.2	28,884,125.3	-
기타계 Other Total	1,180.9	41,867.0	7,630.8	-
특수동차계④ Other Rail Car Total	7,168,270.3	56,465,781.6	76,850,507.2	-
새마을 Saemaeul	6,982,479.1	6,982,479.1	75,154,785.8	-
건설객 Other Passenger	934.7	934.7	12,146.6	-
회송 (객) Out of Service(pass)	182,505.0	182,505.0	1,679,249.9	-
입환 Switching	-	59,140.2	-	-
시운전 Testing	2,351.5	2,351.5	4,324.9	-
피제어 Ungovern	-	49,238,371.1	-	-
여객계 Passenger Total	7,165,918.8	56,396,513.2	76,846,182.3	-
기타계 Other Total	2,351.5	69,268.4	4,324.9	-
전기기관차계⑤ Electric Loco Total	18,643,496.2	22,049,233.9	121,644,070.9	100,336,455.6
새마을 Saemaeul	992,583.3	992,583.3	8,486,215.3	-
무궁화 Mugunghwa	12,085,595.3	12,085,595.3	110,513,557.2	-
건설객 Other Passenger	28,968.7	28,968.7	366,801.2	-
회송 (객) Out of Service(pass)	271,101.6	271,101.6	2,277,497.2	-
일반화물 Ordinary Freight	5,217,847.8	5,217,847.8	-	100,336,455.6
건설화물 Other Freight	15.8	15.8	-	-
단행 Single Unit	-	520,784.5	-	-
입환 Switching	-	197,790.9	-	-

54. 기관차종별, 열차 Performance of Locomotive

열차종별 Kinds of Train	구 분 Classification	열차키로 Train-km	기관차키로 Engine-km	환산차량키로	
				객 차 Passenger Car-km	화 차 Freight Car-km
시 운 전	Testing	47,383.7	47,383.7	-	-
보 기	Helping	-	1,508.0	-	-
피 제 어	Ungovern	-	2,685,654.3	-	-
여 객 계	Passenger Total	13,378,248.9	13,398,509.8	121,644,070.9	-
화 물 계	Freight Total	5,217,863.6	8,043,013.2	-	100,336,455.6
기 타 계	Other Total	47,383.7	607,710.9	-	-
전 기 동 차 ⑥	Electric Loco Total	1,216,610.9	5,236,795.0	6,702,171.1	-
무 궁 화	Mugunghwa	15.9	15.9	155.6	-
누 리 로	Nooriro	1,075,302.2	1,075,302.2	6,046,247.7	-
회 송 (객)	Out of Service(pass)	140,729.8	140,729.8	654,192.3	-
입 환	Switching	-	4,586.2	-	-
시 운 전	Testing	563.0	563.0	1,575.5	-
피 제 어	Ungovern	-	4,015,597.9	-	-
여 객 계	Passenger Total	1,216,047.9	5,229,956.8	6,700,595.6	-
기 타 계	Other Total	563.0	6,838.2	1,575.5	-
증 기 기 관 차 ⑦	Electric Loco Total	-	-	-	-
단 행	Single Unit	-	-	-	-
기 타 계	Other Total	-	-	-	-
수도권전동차⑧	SMESRS	36,703,703.2	333,238,048.0	402,533,783.6	-
여 객 계	Passenger Total	36,075,478.5	327,071,572.8	398,168,565.0	-
회 송	Out of Service	628,224.7	6,166,475.2	4,365,218.6	-

종별 운전 실적 (4)

Operation by Train Kinds

Covered Car-km	연료사용량 Fuel Consumption	열차키로별비율 Operation Ration by Train-km	환산연결량수 Av No of Cars Per Train-km	연료평균 Fuel Index		운전시간 Operation Time
				기관차1 키로당 Per Engine-km	환산키로100키로 당 Per100 Car -km Covered	
-	-	0.3	-	-	-	754 : 21
-	-	-	-	-	-	39 : 45
-	-	-	-	-	-	81,920 : 54
121,644,070.9	-	71.8	9.0	-	-	187,740 : 44
100,336,455.6	-	28.0	19.2	-	-	224,546 : 04
-	-	0.3	-	-	-	11,688 : 46
6,702,171.1	-	100.0	5.5	-	-	73,782 : 40
155.6	-	-	9.7	-	-	00 : 24
6,046,247.7	-	88.4	5.6	-	-	14,965 : 03
654,192.3	-	11.6	4.6	-	-	2,174 : 41
0.0	-	-	-	-	-	17 : 34
1,575.5	-	-	2.7	-	-	07 : 19
-	-	-	-	-	-	56,617 : 39
6,700,595.6	-	100.0	5.5	-	-	73,735 : 50
1,575.5	-	-	2.7	-	-	46 : 50
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
402,533,783.6	-	100.0	11.0	-	-	762,825:14
398,168,565.0	-	98.3	11.0	-	-	735,941:40
4,365,218.6	-	1.7	6.9	-	-	26,883:34

55. 기관차종별, 선별 Performance of Locomotive

선 별 Line	구 분 Classification	열차키로 Train-km	기관차키로 Engine-km	환산차량키로	
				객 차 Passenger Car-km	화 차 Freight Car-km
총 계 (① ~ ⑧) Grand Total		128,599,318.9	968,684,140.7	1,270,914,091.6	440,386,702.7
고 철 차 량 ① High Speed Car		27,703,706.9	496,484,587.4	509,439,410.4	-
	경 부 고 속 선 Gyeongbu High Speed	17,432,362.3	318,730,452.3	326,696,483.4	-
	경 부 선 Gyeongbu	5,968,086.5	106,430,225.6	109,714,739.3	-
	호 남 선 Honam	3,322,198.8	56,325,446.3	58,274,867.3	-
	경 전 선 Gyeongjeon	341,605.6	4,223,699.1	4,564,351.1	-
	경 의 선 Gyeong-ui	280,022.2	4,761,629.8	4,949,567.8	-
	전 라 선 Gyeongbu High Speed	171,039.7	1,733,461.2	1,812,460.2	-
	광 주 선 Gwangju	102,432.3	1,835,576.2	1,878,860.0	-
	고 양 기 지 선 Goyanggiji	49,177.8	1,467,351.5	794,745.9	-
	부 산 기 지 선 Pusangiji	23,043.1	715,472.0	477,988.6	-
	동 해 남 부 선 Donghaenambu	12,721.8	250,204.5	263,772.7	-
	부 산 신 향 선 BusanSinhang	1,004.0	10,908.9	11,388.3	-
	진 해 선 Jeongseon	9.6	96.0	117.4	-
	가 야 선 gaya	3.2	64.0	68.4	-
	충 북 선 Jeongseon	-	-	-	-
디젤기관차계② Diesel Loco Total		33,129,406.7	39,124,663.6	124,852,392.3	340,050,247.1
	경 부 선 Gyeongbu	14,766,595.5	16,157,333.4	57,996,176.3	162,037,465.6
	중 앙 선 Jungang	3,308,330.0	4,175,233.4	8,973,884.8	44,393,854.5
	전 라 선 Jeolla	3,153,766.7	3,470,672.6	13,715,239.7	28,923,759.0
	호 남 선 Honam	2,837,683.7	3,223,475.9	15,122,689.1	18,429,082.2
	경 전 선 GyeongJeon	1,857,677.7	2,209,364.7	6,701,699.3	10,529,375.5
	장 항 선 Janghang	1,700,384.0	1,832,714.1	10,343,857.0	10,266,979.5
	충 북 선 chungbuk	1,545,057.2	1,639,223.9	275,666.2	29,261,762.8
	동 해 남 부 선 Donghaenambu	1,052,525.0	1,404,864.9	3,183,097.3	10,016,399.6
	영 동 선 Yeongdong	413,410.5	682,956.3	1,938,197.3	1,541,374.0
	경 북 선 Gyeongbuk	374,236.4	376,016.0	2,537,697.9	892,031.9
	경 의 선 Gyeongui	258,665.6	540,494.7	1,691,364.8	610,220.4
	부 산 신 향 선 BusanSinhang	235,019.8	386,880.7	1,770.1	3,836,147.3
	대 구 선 Daegu	229,357.3	243,399.9	295,850.1	3,081,390.2
	남 부 화 물 기 Nambuhwanmul Giji	199,322.1	464,589.1	-	3,432,976.1
	광 양 제 철 선 Gwangyang Jecheol	189,509.7	274,521.0	2,571.0	3,347,237.7
	태 백 선 Taebaek	179,632.1	241,389.9	948,484.6	214,230.1
	경 원 선 Gyeongwon	134,077.0	350,621.2	163,191.9	1,584,363.9
	가 야 선 gaya	103,536.8	367,794.4	221,297.7	855,243.0
	경 인 선 Gyeongin	82,539.8	233,387.1	23,448.3	994,647.2
	서 천 화 력 선 Seocheonhwalyeok	63,993.6	64,248.0	2,053.8	1,183,251.6
	정 선 선 Jeongseon	63,985.3	68,388.9	258,990.2	24,933.8
	괴 동 선 Goedong	51,024.8	130,685.0	156.6	1,065,142.6
	광 주 선 Gwangju	41,149.5	108,741.1	313,008.8	10,348.4

운전 실적 (1)

Operation by Line

Covered Car-km 계	연료사용량 Fuel Consumption	열차키로별비율 Operation Ration by Train-km	환산연결량수 Av No of Cars Per Train-km	연료평균 Fuel Index		운전시간 Operation Time
				기관차1 키로당 Per Engine-km	환산키로100키로 당 Per100 Car -km Covered	
1,711,300,794.3	172,382,581	100.0	13.3	0.18	10.07	6,700,629 : 40
509,439,410.4	-	100.0	18.4	-	-	3,660,060 : 43
326,696,483.4	-	62.9	18.7	-	-	1,745,227 : 48
109,714,739.3	-	21.5	18.4	-	-	1,094,005 : 29
58,274,867.3	-	12.0	17.5	-	-	542,040 : 20
4,564,351.1	-	1.2	13.4	-	-	46,718 : 38
4,949,567.8	-	1.0	17.7	-	-	127,123 : 07
1,812,460.2	-	0.6	10.6	-	-	17,271 : 14
1,878,860.0	-	0.4	18.3	-	-	23,697 : 23
794,745.9	-	0.2	16.2	-	-	38,469 : 57
477,988.6	-	0.1	20.7	-	-	16,764 : 48
263,772.7	-	-	20.7	-	-	8,609 : 42
11,388.3	-	-	11.3	-	-	128 : 17
117.4	-	-	12.2	-	-	02 : 20
68.4	-	-	21.4	-	-	01 : 40
-	-	-	-	-	-	00 : 00
464,902,639.4	133,981,304	100.0	14.0	3.42	28.80	742,781 : 40
220,033,641.9	56,432,872	44.6	14.9	3.49	25.64	271,492 : 56
53,367,739.3	15,174,544	10.0	16.1	3.63	28.42	88,512 : 32
42,638,998.7	11,969,628	9.5	13.5	3.44	28.03	62,004 : 42
33,551,771.3	10,065,963	8.6	11.8	3.12	29.99	53,993 : 34
17,231,074.8	7987612	5.6	9.3	3.61	46.34	48,277 : 46
20,610,836.5	6,207,573	5.1	12.1	3.38	30.10	39,327 : 13
29,537,429.0	5,873,517	4.7	19.1	3.58	19.88	30,160 : 00
13,199,496.9	4,830,981	3.2	12.5	3.43	36.57	32,595 : 26
3,479,571.3	2,148,432	1.2	8.4	3.14	61.70	14,359 : 39
3,429,729.8	1,354,884	1.1	9.2	3.60	39.50	7,981 : 08
2,301,585.2	1,884,341	0.8	8.9	3.48	81.82	13,431 : 59
3,837,917.4	1,228,408	0.7	16.3	3.17	31.84	6,216 : 56
3,377,240.3	825,106	0.7	14.7	3.38	24.43	5,325 : 40
3,432,976.1	1,519,726	0.6	17.2	3.27	43.94	10,547 : 02
3,349,808.7	1,014,289	0.6	17.7	3.69	30.25	6,597 : 22
1,162,714.7	836,784	0.5	6.5	3.46	71.88	5,863 : 01
1,747,555.8	733,334	0.4	13.0	2.09	41.94	9,401 : 42
1,076,540.7	810594	0.3	10.4	2.20	74.78	7,731 : 03
1,018,095.5	521,060	0.2	12.3	2.23	51.17	5,841 : 48
1,185,305.4	227,581	0.2	18.5	3.54	19.20	1,696 : 23
283,924.0	225,416	0.2	4.4	3.29	79.39	1,494 : 04
1,065,299.2	345,267	0.2	20.9	2.64	32.36	2,516 : 43
323,357.2	254,029	0.1	7.9	2.33	77.89	1,621 : 40

55. 기관차종별, 선별 Performance of Locomotive

선 별 Line	구 분 Classification		환산차량키로		
	열차키로 Train-km	기관차키로 Engine-km	객 차		화 차
			Passenger Car-km	Freight Car-km	Car-km
여 천 선 Yeocheon	40,201.4	67,268.4	-	-	635,946.7
우 암 선 Uam	34,475.3	43,789.7	-	-	465,257.5
부 전 선 Bujeon	32,082.9	46,423.8	111,827.1	-	120,995.9
온 산 선 Onsan	30,075.6	69,308.1	-	-	448,321.0
삼 척 선 Samcheok	21,249.6	21,350.5	1,235.1	-	188,848.3
묵 호 향 선 Mukhohang	21,102.1	62,696.1	-	-	317,197.1
장 생 포 선 Jangsaengpo	16,279.0	25,580.4	-	-	318,832.7
경 춘 선 Gyeongchun	15,214.8	17,986.2	6,908.5	-	45,327.5
광 양 향 선 GwangYanghang	14,209.5	27,546.0	-	-	223,898.4
북 평 선 Bukpyeong	13,888.0	13,922.2	-	-	240,181.2
진 해 선 Jinhae	9,002.7	19,555.9	19,370.2	-	48,925.5
교 외 선 Gyooe	8,291.5	8,408.5	-	-	61,486.0
신 광 양 향 선 SinGwangyanghang	7,682.1	9,390.4	-	-	118,232.7
장 향 화 물 선 JanghangHwamulgiji	7,661.6	17,491.6	-	-	136,313.5
문 경 선 Mungyeong	4,504.9	6,116.3	-	-	70,271.8
망 우 선 Mangu	4,370.8	5,399.8	146.9	-	43,697.4
강 경 선 GangGyeong	2,254.4	2,311.4	1,652.9	-	16,769.9
경 부 고 속 선 Gyeongbu High Speed	1,931.3	2,790.2	-	-	4,527.6
안 산 선 Ansan	1,135.2	1,689.0	838.4	-	663.0
대 불 선 Daebul	804.0	876.0	-	-	4,380.0
옥 구 선 Okgu	518.6	914.6	-	-	3,930.4
군 산 화 물 선 GunsanHwamul	336.6	356.6	-	-	2,930.4
고 양 기 지 선 Goyanggiji	280.3	667.4	20.4	-	13.5
용 산 선 Yongsan	273.8	3,858.5	-	-	482.4
장 성 화 물 선 Jangseong Hwamul	94.0	94.0	-	-	561.8
북 전 주 선 Bukjeonju	3.4	3.4	-	-	38.0
부 산 기 지 선 Busanggiji	3.2	3.2	-	-	-
병 점 기 지 선 Byeongjeomgiji	-	8.6	-	-	-
분 당 선 Bukpyeong	-	33.0	-	-	-
신 동 화 물 선 SinGwangyanghang	-	110.0	-	-	-
부 산 신 향 북 Busanggiji	-	45.6	-	-	-
덕 산 선 Deoksan	-	1,672.0	-	-	-
양 산 화 물 선 YangsanHwamul	-	-	-	-	-
일반동차계 ③ General Rail Car Total	4,034,124.7	16,085,031.2	28,891,756.1	-	-
동 해 남 부 선 Donghaenambu	1,065,397.4	4,269,370.2	8,002,247.8	-	-
경 전 선 GyeongJeon	661,856.3	2,647,904.8	4,709,404.2	-	-
경 부 선 Gyeongbu	583,526.6	2,336,185.7	4,131,878.4	-	-
중 앙 선 Jungang	501,732.5	2,006,922.9	3,597,397.3	-	-
전 라 선 Jeolla	332,554.2	1,341,195.9	2,163,667.6	-	-
경 원 선 Gyeongwon	284,416.6	1,139,123.0	2,047,833.5	-	-

운 전 실 적 (2)

Operation by Line

Covered Car-km	연료사용량 Fuel	열차키로별비율 Operation Ration by Train-km	환산연결량수 Av No of Cars Per Train-km	연료평균 Fuel Index		운전시간 Operation Time
				기관차1 키로당 Per Engine-km	환산키로100키로 당 Per100 Car -km Covered	
635,946.7	239,658	0.1	15.8	3.56	37.25	2,258 : 35
465,257.5	134647	0.1	13.5	3.07	28.92	2,356 : 04
232,823.0	193665	0.1	7.3	4.17	83.04	1,879 : 12
448,321.0	217,746	0.1	14.9	3.14	48.56	1,833 : 00
190,083.4	75,541	0.1	8.9	3.53	39.74	545 : 16
317,197.1	130,812	0.1	15.0	2.08	41.23	1,698 : 04
318,832.7	86,953	-	19.6	3.39	27.22	1,043 : 17
52,236.0	55,435	-	3.4	3.08	106.12	448 : 15
223,898.4	88,800	-	15.8	3.22	39.64	813 : 26
240,181.2	49,344	-	17.3	3.54	20.54	447 : 32
68,295.7	48464	-	7.6	2.47	70.27	350 : 32
61,486.0	20,324	-	7.4	2.41	33.05	407 : 03
118,232.7	32,804	-	15.4	3.49	27.74	253 : 55
136,313.5	54,527	-	17.8	3.11	39.87	372 : 53
70,271.8	18,662	-	15.6	3.05	26.55	274 : 54
43,844.3	16,636	-	10.0	3.08	37.94	299 : 17
18,422.8	7,714	-	8.2	3.33	41.87	47 : 11
4,527.6	9636	-	2.3	3.45	212.82	75 : 41
1,501.4	5,415	-	1.3	3.20	360.66	33 : 25
4,380.0	3,174	-	5.4	3.62	72.46	33 : 16
3,930.4	1,086	-	7.6	1.18	27.63	50 : 25
2,930.4	415	-	8.7	1.16	14.16	33 : 43
33.9	1778	-	0.1	2.66	5,218.28	20 : 38
482.4	12,623	-	1.8	3.27	2,544.98	194 : 56
561.8	349	-	6.0	3.71	62.12	07 : 35
38.0	13	-	11.2	3.82	34.21	00 : 00
-	13	-	-	4.06	-	00 : 06
-	25	-	-	2.90	-	00 : 12
-	125	-	-	3.78	-	00 : 00
-	390	-	-	3.54	-	09 : 10
-	168	-	-	3.68	-	03 : 48
-	2,421	-	-	1.44	-	00 : 00
-	-	-	-	-	□-	00 : 00
28,891,756.1	11,431,209	100.0	7.2	0.71	39.57	283,387:53
8,002,247.8	3,026,200	26.4	7.5	0.71	37.82	79,415:49
4,709,404.2	200,985	16.4	7.1	0.08	4.27	47,478:20
4,131,878.4	217,313	14.5	7.1	0.09	5.26	35,878:38
3,597,397.3	3,958,614	12.4	7.2	1.97	110.04	31,724:25
2,163,667.6	2,396,224	8.2	6.5	1.79	110.75	19,234:24
2,047,833.5	1,028,134	7.1	7.2	0.90	50.21	24,981:16

55. 기관차종별, 선별 Performance of Locomotive

선 별 Line	구 분 Classification	열차키로 Train-km	기관차키로 Engine-km	환산차량키로	
				객 차 Passenger Car-km	화 차 Freight Car-km
대구선	Daegu	283,425.8	1,133,703.2	2,122,515.8	-
경북선	Gyeongbuk	84,096.0	336,384.0	462,867.4	-
경의선	Gyeongui	74,165.5	296,656.9	491,320.5	-
영동선	Yeongdong	64,552.9	196,677.9	532,644.6	-
광주선	Gwangju	33,823.0	140,208.6	210,181.7	-
삼척선	Samcheok	23,004.0	69,012.0	177,970.7	-
호남선	Honam	20,801.8	87,094.6	121,450.1	-
부전선	Bujeon	15,907.0	63,628.0	87,236.6	-
가야선	Gaya	4,427.6	19,460.2	30,157.7	-
교외선	Gyooe	190.8	763.2	991.8	-
충북선	chungbuk	115.0	345.0	965.9	-
태백선	Taebaek	103.1	309.3	865.9	-
장항선	Janghang	28.6	85.8	158.6	-
특수동차계 ④ Other Rail Car Total		7,168,270.3	56,465,781.6	76,850,507.2	-
경부선	GangGyeong	4,380,259.8	34,543,335.6	47,049,566.4	-
장항선	Janghang	791,856.3	6,336,666.9	8,465,963.3	-
호남선	Hambaek	564,794.0	4,504,986.7	6,050,441.4	-
동해남부선	Donghaenambu	469,396.4	3,749,504.9	5,296,276.1	-
전라선	JanghangHwamulgiji	242,040.6	1,933,155.6	2,591,028.0	-
중앙선	Jeongseon	206,412.6	1,648,183.1	2,332,271.6	-
대구선	Daegu	142,448.0	1,137,322.0	1,607,392.8	-
경전선	GyeongJeon	140,466.5	916,375.4	1,308,953.4	-
경의선	GangGyeong	121,515.2	980,014.5	1,150,754.5	-
진해선	Jinhae	81,622.5	490,359.0	700,831.4	-
광주선	Gwangju	27,336.1	224,686.0	295,710.3	-
경원선	Gyeongwon	60.4	597.6	721.2	-
가야선	gaya	37.7	278.0	364.8	-
부산신항선	BusanSinhang	20.5	182.0	209.1	-
경인선	Gyeongin	3.7	3.7	22.9	-
광양제철선	Gwangyang Jecheol	0.0	14.6	-	-
영동선	Yeongdong	0.0	36.0	-	-
고양기지선	Goyanggiji	0.0	72.0	-	-
부산기지선	Busangiji	0.0	8.0	-	-
전기기관차계 ⑤ Electric Loco Total		18,643,496.2	22,049,233.9	121,644,070.9	100,336,455.6
경부선	Gyeongbu	7,810,808.5	8,036,533.7	70,583,145.0	14,325,767.7
중앙선	Jungang	4,028,459.6	4,912,444.3	17,056,563.6	41,810,038.9
영동선	Yeongdong	1,876,340.0	3,012,134.6	6,252,952.7	15,481,025.3
호남선	Honam	1,727,365.7	1,745,289.5	15,668,094.6	0.0
태백선	Taebaek	1,410,726.2	2,288,518.0	4,376,952.1	16,594,700.5

운전 실적 (3)

Operation by Line

Covered Car-km 계	연료사용량 Fuel Consumption	열차키로별비율 Operation Ration by Train-km	환산연결량수 Av No of Cars Per Train-km	연료평균 Fuel Index		운전시간 Operation Time
				기관차1 키로당 Per Engine-km	환산키로100키로 당 Per100 Car -km Covered	
2,122,515.8	-	7.0	7.5	-	-	18,174:44
462,867.4	22230	2.1	5.5	0.07	4.80	6,372:16
491,320.5	292,965	1.8	6.6	0.99	59.63	7,574:21
532,644.6	152,198	1.6	8.3	0.77	28.57	4,273:22
210,181.7	43541	0.8	6.2	0.31	20.72	2,319:53
177,970.7	60,463	0.6	7.7	0.88	33.97	1,792:18
121,450.1	15585	0.5	5.8	0.18	12.83	1,335:32
87,236.6	15344	0.4	5.5	0.24	17.59	2,395:31
30,157.7	24	0.1	6.8	0.00	0.08	394:27
991.8	719	-	5.2	0.94	72.49	29:52
965.9	354	-	8.4	1.03	36.65	4:30
865.9	316	-	8.4	1.02	36.49	6:42
158.6	-	-	5.5	0.00	0.00	1:33
76,850,507.2	26,970,068	100.0	10.7	0.47	35.09	753,815 : 56
47,049,566.4	16,029,999	61.1	10.7	0.46	34.07	407,125 : 55
8,465,963.3	2,959,013	11.0	10.7	0.46	34.95	99,833 : 27
6,050,441.4	2,116,877	7.9	10.7	0.46	34.98	54,919 : 49
5,296,276.1	1,875,704	6.5	11.3	0.50	35.41	63,728 : 41
2,591,028.0	898,331	3.4	10.7	0.46	34.67	25,554 : 06
2,332,271.6	775,512	2.9	11.3	0.47	33.25	24,630 : 13
1,607,392.8	534,757	2.0	11.3	0.47	33.26	16,738 : 26
1,308,953.4	548,002	2.0	9.3	0.59	41.86	13,465 : 40
1,150,754.5	806,038	1.7	9.5	0.82	70.04	35,412 : 03
700,831.4	300,032	1.1	8.6	0.61	42.81	9,203 : 36
295,710.3	125032	0.4	10.8	0.55	42.28	3,179 : 03
721.2	243	-	11.9	0.40	33.69	17 : 24
364.8	143	-	9.7	0.51	39.19	04 : 33
209.1	98	-	10.2	0.53	46.86	02 : 16
22.9	12	-	6.2	3.24	52.40	00 : 04
-	-	-	-	-	-	00 : 00
-	-	-	-	-	-	00 : 00
-	260	-	-	3.61	-	00 : 00
-	15.0	-	-	1.87	-	00 : 40
221,980,526.5	-	100.0	11.9	-	-	423,975 : 34
84,908,912.7	-	41.9	10.9	-	-	105,674 : 46
58,866,602.5	-	21.6	14.6	-	-	106,362 : 03
21,733,978.0	-	10.1	11.6	-	-	82,823 : 55
15,668,094.6	-	9.3	9.1	-	-	23,074 : 19
20,971,652.6	-	7.6	14.9	-	-	68,278 : 45

55. 기관차종별, 선별 Performance of Locomotive

선 별 Line	구 분 Classification	열차키로 Train-km	기관차키로 Engine-km	환산차량키로	
				객 차 Passenger	화 차 Freight
				Car-km	Car-km
충 북 선 chungbuk		1,055,509.8	1,187,115.6	3,215,251.4	9,350,965.2
전 라 선 Jeolla		324,134.3	337,617.9	2,334,363.1	4,368.0
경 의 선 Gyeongui		175,974.9	198,008.6	1,358,080.7	273,572.1
광 주 선 Gwangju		61,547.6	66,063.1	424,969.0	-
경 원 선 Gyeongwon		47,901.8	85,755.5	52,488.1	839,766.5
남 부 화 물 기 Nambuhwanmul Giji		40,836.9	59,650.4	-	914,226.8
가 야 선 gaya		21,841.1	34,255.7	103,775.1	112,613.2
경 인 선 Gyeongin		18,204.7	29,771.4	712.2	265,854.9
경 전 선 GyeongJeon		15,665.0	16,880.8	123,788.6	1,198.5
부 산 신 향 선 BusanSinhang		9,674.6	12,300.0	0.0	181,849.5
동 해 남 부 선 Donghaenambu		8,592.8	14,019.1	69,901.0	5,132.7
망 우 선 Mangu		7,835.1	8,501.5	481.8	175,129.0
강 경 선 GangGyeong		1,158.0	1,163.8	15,557.9	-
경 춘 선 Gyeongchun		569.0	593.0	4,984.4	-
안 산 선 Ansan		156.0	193.2	1,380.4	-
장 향 선 Janghang		147.2	1,569.1	440.2	-
대 구 선 Daegu		29.1	29.1	189.0	-
부 전 선 Bujeon		6.6	413.6	-	18.7
우 암 선 Uam		6.1	187.1	-	37.7
괴 동 선 Goedong		5.6	143.2	-	190.4
장 향 화 물 선 JanghangHwamulgiji		-	58.8	-	-
용 산 선 Yongsan		-	9.3	-	-
평 내 기 지 선 Taebaek		-	-	-	-
여 천 선 Yecheon		-	8.0	-	-
정 선 Jeongseon		-	6.0	-	-
함 백 선 Hambaek		-	-	-	-
전 기 동 차 ⑥ Electric RailCar Total		1,216,610.9	5,236,795.0	6,702,171.1	-
경 부 선 Gyeongbu		912,959.0	3,927,773.6	5,043,610.9	-
장 향 선 Janghang		176,413.7	752,589.8	956,894.5	-
충 북 선 chungbuk		77,299.2	309,196.8	409,479.5	-
병 점 기 지 선 Byeongjeomgiji		22,512.8	95,114.0	100,098.8	-
중 앙 선 Jungang		14,181.1	59,773.8	72,192.0	-
호 남 선 Honam		9,920.1	79,039.0	104,335.7	-
경 춘 선 Gyeongchun		1,516.6	6,066.4	6,787.9	-
경 원 선 Gyeongwon		1,422.6	5,690.4	7,584.4	-
전 라 선 Jeolla		360.8	1,443.2	1,009.8	-
경 의 선 Gyeongui		16.2	64.8	140.8	-
남 부 화 물 기 Nambuhwanmul Giji		8.8	35.2	36.8	-
부 산 기 지 선 Busangiji		-	8.0	-	-
증 기 기관차 ⑦ Steam Loco Total		-	-	-	-

운전 실적 (4)

Operation by Line

Covered Car-km 계	연료사용량 Fuel Consumption	열차키로별비율 Operation Ration by Train-km	환산연결량수 Av No of Cars Per Train-km	연료평균 Fuel Index		운전시간 Operation Time
				기관차1 키로당 Per Engine-km	환산키로100키로 당 Per100 Car -km Covered	
12,566,216.6	-	5.7	11.9	-	-	17,874 : 02
2,338,731.1	-	1.7	7.2	-	-	4,408 : 18
1,631,652.8	-	0.9	9.3	-	-	6,966 : 36
424,969.0	-	0.3	6.9	-	-	994 : 51
892,254.6	-	0.3	18.6	-	-	3,070 : 24
914,226.8	-	0.2	22.4	-	-	1,479 : 06
216,388.3	-	0.1	9.9	-	-	989 : 01
266,567.1	-	0.1	14.6	-	-	563 : 34
124,987.1	-	0.1	8.0	-	-	359 : 30
181,849.5	-	0.1	18.8	-	-	197 : 06
75,033.7	-	-	8.7	-	-	336 : 32
175,610.8	-	-	22.4	-	-	401 : 00
15,557.9	-	-	13.4	-	-	28 : 44
4,984.4	-	-	8.8	-	-	09 : 44
1,380.4	-	-	8.8	-	-	03 : 05
440.2	-	-	3.0	-	-	43 : 45
189.0	-	-	6.5	-	-	00 : 36
18.7	-	-	2.8	-	-	15 : 22
37.7	-	-	6.2	-	-	04 : 39
190.4	-	-	34.0	-	-	11 : 18
-	-	-	-	-	-	03 : 10
-	-	-	-	-	-	00 : 43
-	-	-	-	-	-	00 : 00
-	-	-	-	-	-	00 : 40
-	-	-	-	-	-	00 : 00
-	-	-	-	-	-	00 : 00
6,702,171.1	-	100.0	5.5	-	-	73,782 : 40
5,043,610.9	-	75.0	5.5	-	-	53,335 : 16
956,894.5	-	14.5	5.4	-	-	12,572 : 00
409,479.5	-	6.4	5.3	-	-	4,009 : 16
100,098.8	-	1.9	4.4	-	-	1,813 : 42
72,192.0	-	1.2	5.1	-	-	881 : 54
104,335.7	-	0.8	10.5	-	-	903 : 32
6,787.9	-	0.1	4.5	-	-	97 : 48
7,584.4	-	0.1	5.3	-	-	148 : 00
1,009.8	-	-	2.8	-	-	18 : 28
140.8	-	-	8.7	-	-	02 : 08
36.8	-	-	4.2	-	-	00 : 36
0.0	-	-	-	-	-	00 : 00
-	-	-	-	-	-	-

55. 기관차종별, 선별 Performance of Locomotive

구 분 Classification	열차 키로	기관차키로	환산차량키로
선 별 Line	Train-km	Engine-km	Covered Car-km
수도권전동차계(철도공사선)⑧	36,703,703.2	333,238,048.0	402,533,783.6
SMESRS Total(K,R Line)			
경 부 선 Gyeongbu	10,764,612.4	106,467,144.8	111,155,556.3
K N R	9,526,186.9	94,082,889.8	93,966,222.8
C I T Y	1,238,425.5	12,384,255.0	17,189,333.5
중 앙 선 Jungang	2,236,453.6	16,771,423.4	23,091,628.7
K N R	2,236,453.6	16,771,423.4	23,091,628.7
경 인 선 Gyeongin	4,512,202.4	45,233,287.8	58,227,384.5
K N R	4,072,426.4	40,835,527.8	52,123,298.1
C I T Y	439,776.0	4,397,760.0	6,104,086.4
경 원 선 Gyeongwon	3,956,080.1	37,416,228.6	47,612,613.4
K N R	3,956,080.1	37,416,228.6	47,612,613.4
안 산 선 Ansan	2,435,252.9	24,674,335.0	30,773,961.8
K N R	1,420,807.5	14,529,881.0	16,693,469.8
C I T Y	1,014,445.4	10,144,454.0	14,080,492.0
과 천 선 Gwacheon	1,211,752.2	12,114,584.4	15,165,189.7
K N R	782,856.0	7,825,622.4	9,212,114.6
C I T Y	428,896.2	4,288,962.0	5,953,075.1
분 당 선 Bundang	3,391,029.0	20,403,150.8	22,879,262.6
K N R	3,391,029.0	20,403,150.8	22,879,262.6
일 산 선 Ilsan	1,769,887.5	17,700,265.8	23,506,816.2
K N R	488,965.1	4,891,041.8	5,727,626.1
C I T Y	1,280,922.4	12,809,224.0	17,779,190.1
장 향 선 Janghang	549,311.0	5,493,498.0	5,002,124.6
K N R	549,311.0	5,493,498.0	5,002,124.6
경 의 선 Gyeongui	2,210,205.6	17,628,206.4	24,412,854.4
K N R	2,210,205.6	17,628,206.4	24,412,854.4
경 춘 선 Gyeongchun	3,666,916.5	29,335,923.0	40,706,391.4
K N R	3,666,916.5	29,335,923.0	40,706,391.4

운 전 실 적 (5)

Operation by Line

객 차 키 로 Passenger Car-km			운전시간
영 차	공 차	계	Operation
Loaded	Empty	Total	Time
327,071,572.8	6,166,475.2	333,238,048.0	762,825:14
104,770,747.0	1,696,397.8	106,467,144.8	227,914:35
92,386,492.0	1,696,397.8	94,082,889.8	227,914:35
12,384,255.0	-	12,384,255.0	-
16,726,570.0	44,853.4	16,771,423.4	48,345:30
16,726,570.0	44,853.4	16,771,423.4	48,345:30
44,985,429.8	247,858.0	45,233,287.8	104,912:40
40,587,669.8	247,858.0	40,835,527.8	104,912:40
4,397,760.0	-	4,397,760.0	0:0
36,573,193.4	843,035.2	37,416,228.6	109,208:38
36,573,193.4	843,035.2	37,416,228.6	109,208:38
23,938,764.0	735,571.0	24,674,335.0	37,481:41
13,794,310.0	735,571.0	14,529,881.0	37,481:41
10,144,454.0	-	10,144,454.0	-
12,077,144.4	37,440.0	12,114,584.4	19,905:57
7,788,182.4	37,440.0	7,825,622.4	19,905:57
4,288,962.0	-	4,288,962.0	-
19,078,981.0	1,324,169.8	20,403,150.8	88,546:35
19,078,981.0	1,324,169.8	20,403,150.8	88,546:35
17,566,668.6	133,597.2	17,700,265.8	13,767:24
4,757,444.6	133,597.2	4,891,041.8	13,767:24
12,809,224.0	-	12,809,224.0	0:0
5,483,837.0	9,661.0	5,493,498.0	9,953:40
5,483,837.0	9,661.0	5,493,498.0	9,953:40
17,257,903.6	370,302.8	17,628,206.4	46,112:17
17,257,903.6	370,302.8	17,628,206.4	46,112:17
28,612,334.0	723,589.0	29,335,923.0	56,676:17
28,612,334.0	723,589.0	29,335,923.0	56,676:17

56. 선 별, 방 향 별 Car-km

구 분 Classification	여 객 Passenger		
	영 차 Loaded	공 차 Empty	소 계 Sub Total
총 계 Total	746,901,598.7	24,884,156.5	771,785,755.2
상 행 Up	375,071,599.9	12,033,095.2	387,104,695.1
하 행 Down	371,829,998.8	12,851,061.3	384,681,060.1
경 부 선 Gyeongbu	228,873,063.3	5,149,069.4	234,022,132.7
상 행 Up	114,389,752.0	2,496,598.3	116,886,350.3
하 행 Down	114,483,311.3	2,652,471.1	117,135,782.4
중 앙 선 Jungang	24,584,829.7	202,218.9	24,787,048.6
상 행 Up	12,433,733.8	128,059.7	12,561,793.5
하 행 Down	12,151,095.9	74,159.2	12,225,255.1
호 남 선 Honam	85,481,845.0	400,903.7	85,882,748.7
상 행 Up	42,739,950.8	173,785.5	42,913,736.3
하 행 Down	42,741,894.2	227,118.2	42,969,012.4
전 라 선 Jeolla	17,779,766.1	180,759.7	17,960,525.8
상 행 Up	8,889,632.1	87,826.2	8,977,458.3
하 행 Down	8,890,134.0	92,933.5	8,983,067.5
충 북 선 Chungbuk	3,255,750.5	36,737.1	3,292,487.6
상 행 Up	1,629,383.6	16,425.2	1,645,808.8
하 행 Down	1,626,366.9	20,311.9	1,646,678.8
경 인 선 Gyeongin	11,584.1	11,600.1	23,184.2
상 행 Up	5,764.2	5,840.8	11,605.0
하 행 Down	5,819.9	5,759.3	11,579.2
장 항 선 Janghang	15,154,815.1	86,203.6	15,241,018.7
상 행 Up	8,146,480.2	43,999.2	8,190,479.4
하 행 Down	7,008,334.9	42,204.4	7,050,539.3
장 항 화 물 선 JanghangHwamulgiji	-	-	-
상 행 Up	-	-	-
하 행 Down	-	-	-
경 의 선 Gyeongui	2,407,214.1	6,655,014.8	9,062,228.9
상 행 Up	1,246,666.6	3,286,896.0	4,533,562.6
하 행 Down	1,160,547.5	3,368,118.8	4,528,666.3

차 량 키 로 (1)

by Line

화 물 Freight				합 계
영 차	공 차	차 장 차	소 계	
Loaded	Empty	Caboose	Sub Total	Grand Total
302,633,982.1	141,816,283.8	916,176.2	445,366,442.1	1,217,152,197.3
180,040,616.3	41,055,887.2	453,811.7	221,550,315.2	608,655,010.3
122,593,365.8	100,760,396.6	462,364.5	223,816,126.9	608,497,187.0
156,559,411.6	44,991,719.8	224,580.7	201,775,712.1	435,797,844.8
80,508,370.8	20,755,768.8	110,788.8	101,374,928.4	218,261,278.7
76,051,040.8	24,235,951.0	113,791.9	100,400,783.7	217,536,566.1
41,563,366.9	31,196,288.6	233,896.1	72,993,551.6	97,780,600.2
29,710,494.0	6,314,436.6	118,882.6	36,143,813.2	48,705,606.7
11,852,872.9	24,881,852.0	115,013.5	36,849,738.4	49,074,993.5
11,891,321.9	6,314,039.6	29,470.0	18,234,831.5	104,117,580.2
6,665,692.3	2,403,577.6	14,996.0	9,084,265.9	51,998,002.2
5,225,629.6	3,910,462.0	14,474.0	9,150,565.6	52,119,578.0
21,435,424.0	7,866,366.1	33,189.7	29,334,979.8	47,295,505.6
13,889,698.7	726,965.1	16,459.1	14,633,122.9	23,610,581.2
7,545,725.3	7,139,401.0	16,730.6	14,701,856.9	23,684,924.4
19,975,608.1	18,591,982.5	4,610.4	38,572,201.0	41,864,688.6
18,968,671.2	307,008.5	2,879.4	19,278,559.1	20,924,367.9
1,006,936.9	18,284,974.0	1,731.0	19,293,641.9	20,940,320.7
597,806.9	546,526.4	1,623.3	1,145,956.6	1,169,140.8
469,170.7	102,428.7	818.1	572,417.5	584,022.5
128,636.2	444,097.7	805.2	573,539.1	585,118.3
5,712,614.2	4,350,169.4	524.2	10,063,307.8	25,304,326.5
2,798,550.8	2,557,346.4	211.3	5,356,108.5	13,546,587.9
2,914,063.4	1,792,823.0	312.9	4,707,199.3	11,757,738.6
21,638.4	21,978.6	0.0	43,617.0	43,617.0
21,483.0	193.2	0.0	21,676.2	21,676.2
155.4	21,785.4	0.0	21,940.8	21,940.8
391,381.9	378,797.7	4,602.6	774,782.2	9,837,011.1
13,121.5	370,405.2	2,290.3	385,817.0	4,919,379.6
378,260.4	8,392.5	2,312.3	388,965.2	4,917,631.5

56. 선 별, 방 향 별 Car-km

구 분 Classification		여 객 Passenger		
		영 차 Loaded	공 차 Empty	소 계 Sub Total
선 별 Line				
경 원 선	Gyeongwon	1,138,811.3	195,014.8	1,333,826.1
	상 Up	550,416.0	91,968.5	642,384.5
	하 Down	588,395.3	103,046.3	691,441.6
경 춘 선	Gyeongchun	3,392.9	15,256.3	18,649.2
	상 Up	3,080.1	9,873.9	12,954.0
	하 Down	312.8	5,382.4	5,695.2
교 외 선	Gyooe	-	797.4	797.4
	상 Up	-	525.9	525.9
	하 Down	-	271.5	271.5
망 우 선	Mangu	460.6	249.9	710.5
	상 Up	230.3	117.6	347.9
	하 Down	230.3	132.3	362.6
용 산 선	Yongsan	-	175.0	175.0
	상 Up	-	-	-
	하 Down	-	175.0	175.0
남 부 화 물 기	Nambuhwanmul Giji	-	2,873.2	2,873.2
	상 Up	-	1,377.2	1,377.2
	하 Down	-	1,496.0	1,496.0
병 점 기 지 선	Byeongjeomgiji	-	73,147.2	73,147.2
	상 Up	-	1,112.0	1,112.0
	하 Down	-	72,035.2	72,035.2
서 천 화 력 선	Seocheonhwalyeok	1,402.4	252.0	1,654.4
	상 Up	701.2	126.0	827.2
	하 Down	701.2	126.0	827.2
안 산 선	Ansan	1,053.0	819.0	1,872.0
	상 Up	526.5	409.5	936.0
	하 Down	526.5	409.5	936.0
경 북 선	Gyeongbuk	2,328,840.0	25,236.8	2,354,076.8
	상 Up	1,161,770.4	18,424.8	1,180,195.2
	하 Down	1,167,069.6	6,812.0	1,173,881.6

차 량 키 로 (2)

by Line

화 물 Freight				합 계
영 차	공 차	차 장 차	소 계	합 계
Loaded	Empty	Caboose	Sub Total	
1,209,211.0	1,155,750.5	8,770.4	2,373,731.9	3,707,558.0
571,412.5	525,760.2	3,373.0	1,100,545.7	1,742,930.2
637,798.5	629,990.3	5,397.4	1,273,186.2	1,964,627.8
25,201.2	18,299.9	6,142.4	49,643.5	68,292.7
7,653.5	12,808.9	2,957.0	23,419.4	36,373.4
17,547.7	5,491.0	3,185.4	26,224.1	31,919.3
26,038.6	44,558.7	1,628.3	72,225.6	73,023.0
11,299.6	24,258.4	811.3	36,369.3	36,895.2
14,739.0	20,300.3	817.0	35,856.3	36,127.8
107,648.1	96,760.3	867.3	205,275.7	205,986.2
103,439.0	3,792.6	401.8	107,633.4	107,981.3
4,209.1	92,967.7	465.5	97,642.3	98,004.9
266.0	-	-	266.0	441.0
129.2	-	-	129.2	129.2
136.8	-	-	136.8	311.8
1,569,022.4	636,640.4	1,113.2	2,206,776.0	2,209,649.2
660,215.6	441,830.4	554.4	1,102,600.4	1,103,977.6
908,806.8	194,810.0	558.8	1,104,175.6	1,105,671.6
-	-	-	-	73,147.2
-	-	-	-	1,112.0
-	-	-	-	72,035.2
542,432.0	531,608.0	-	1,074,040.0	1,075,694.4
2,516.8	531,220.8	-	533,737.6	534,564.8
539,915.2	387.2	-	540,302.4	541,129.6
390.0	351.0	-	741.0	2,613.0
6.5	312.0	-	318.5	1,254.5
383.5	39.0	-	422.5	1,358.5
384,491.6	413,655.6	2,534.8	800,682.0	3,154,758.8
354,493.6	14,943.6	345.6	369,782.8	1,549,978.0
29,998.0	398,712.0	2,189.2	430,899.2	1,604,780.8

56. 선 별, 방 향 별 Car-km

구 분 Classification	여 객 Passenger		
	영 차 Loaded	공 차 Empty	소 계 Sub Total
선 별 Line			
문 경 선 Mungyeong	-	-	-
상 Up	-	-	-
하 Down	-	-	-
군 산 화 물 선 GunsanHwamul	-	-	-
상 Up	-	-	-
하 Down	-	-	-
옥 구 선 Okgu	-	-	-
상 Up	-	-	-
하 Down	-	-	-
강 경 선 GangGyeong	5,011.2	3,920.8	8,932.0
상 Up	4,193.4	272.6	4,466.0
하 Down	817.8	3,648.2	4,466.0
장 성 화 물 선 Jangseong Hwamul	-	-	-
상 Up	-	-	-
하 Down	-	-	-
광 주 선 Gwangju	2,010,590.4	54,798.2	2,065,388.6
상 Up	1,005,478.8	27,926.6	1,033,405.4
하 Down	1,005,111.6	26,871.6	1,031,983.2
대 불 선 Daebul	-	144.0	144.0
상 Up	-	72.0	72.0
하 Down	-	72.0	72.0
북 전 주 선 Bukjeonju	-	-	-
상 Up	-	-	-
하 Down	-	-	-
여 천 선 Yecheon	-	-	-
상 Up	-	-	-
하 Down	-	-	-
광 양 제 철 선 Gwangyang Jecheol	1,171.2	947.2	2,118.4
상 Up	509.4	548.2	1,057.6
하 Down	661.8	399.0	1,060.8
광 양 항 선 GwangYanghang	-	-	-
상 Up	-	-	-

차 량 키 로 (3)

by Line

화 물 Freight				합 계
영 차	공 차	차 장 차	소 계	
Loaded	Empty	Caboose	Sub Total	Grand Total
27,065.2	27,171.7	-	54,236.9	54,236.9
92.3	27,143.3	-	27,235.6	27,235.6
26,972.9	28.4	-	27,001.3	27,001.3
1,980.0	1,009.8	-	2,989.8	2,989.8
-	237.6	-	237.6	237.6
1,980.0	772.2	-	2,752.2	2,752.2
2,320.0	1,183.2	-	3,503.2	3,503.2
556.8	1,102.0	-	1,658.8	1,658.8
1,763.2	81.2	-	1,844.4	1,844.4
8,473.8	8,566.6	23.2	17,063.6	25,995.6
5.8	8,508.6	11.6	8,526.0	12,992.0
8,468.0	58.0	11.6	8,537.6	13,003.6
414.0	367.2	7.2	788.4	788.4
252.0	25.2	3.6	280.8	280.8
162.0	342.0	3.6	507.6	507.6
2,999.8	8,328.6	47.6	11,376.0	2,076,764.6
1,306.0	4,577.6	11.9	5,895.5	1,039,300.9
1,693.8	3,751.0	35.7	5,480.5	1,037,463.7
1,980.0	3,144.0	-	5,124.0	5,268.0
420.0	2,172.0	-	2,592.0	2,664.0
1,560.0	972.0	-	2,532.0	2,604.0
47.6	-	-	47.6	47.6
23.8	-	-	23.8	23.8
23.8	-	-	23.8	23.8
316,830.0	131,144.6	5,000.0	452,974.6	452,974.6
211,326.6	12,872.4	2,500.0	226,699.0	226,699.0
105,503.4	118,272.2	2,500.0	226,275.6	226,275.6
2,111,117.9	862,156.9	37.6	2,973,312.4	2,975,430.8
1,418,753.9	64,475.0	18.6	1,483,247.5	1,484,305.1
692,364.0	797,681.9	19.0	1,490,064.9	1,491,125.7
174,941.1	24,421.5	-	199,362.6	199,362.6
94,329.9	5,497.2	-	99,827.1	99,827.1

56. 선 별, 방 향 별 Car-km

구 분 Classification		여 객 Passenger		
		영 차 Loaded	공 차 Empty	소 계 Sub Total
선 별 Line				
하	Down	-	-	-
신 광 양 항 선	SinGwangyanghang	-	-	-
상	Up	-	-	-
하	Down	-	-	-
부 산 신 항 선	BusanSinhang	1,575.0	11,373.0	12,948.0
상	Up	570.5	2,773.7	3,344.2
하	Down	1,004.5	8,599.3	9,603.8
영 동 선	Yeongdong	6,686,333.3	76,777.5	6,763,110.8
상	Up	3,275,101.5	44,349.4	3,319,450.9
하	Down	3,411,231.8	32,428.1	3,443,659.9
정 선 선	Jeongseon	195,804.8	2,410.8	198,215.6
상	Up	97,700.7	1,374.9	99,075.6
하	Down	98,104.1	1,035.9	99,140.0
삼 척 선	Samcheok	56,507.0	7,458.2	63,965.2
상	Up	28,470.0	3,535.0	32,005.0
하	Down	28,037.0	3,923.2	31,960.2
태 백 선	Taebaek	4,229,265.2	46,349.9	4,275,615.1
상	Up	2,113,481.2	25,327.7	2,138,808.9
하	Down	2,115,784.0	21,022.2	2,136,806.2
목 호 항 선	Mukhohang	-	-	-
상	Up	-	-	-
하	Down	-	-	-
북 평 선	Bukpyeong	-	-	-
상	Up	-	-	-
하	Down	-	-	-
동 해 남 부 선	Donghaenambu	10,232,962.5	611,211.5	10,844,174.0
상	Up	5,092,803.6	306,671.1	5,399,474.7
하	Down	5,140,158.9	304,540.4	5,444,699.3
온 산 선	Onsan	-	-	-
상	Up	-	-	-
하	Down	-	-	-
장 생 포 선	Jangsaengpo	-	-	-

차 량 키 로 (4)

by Line

화 물 Freight				합 계
영 차	공 차	차 장 차	소 계	Grand Total
Loaded	Empty	Caboose	Sub Total	
80,611.2	18,924.3	-	99,535.5	99,535.5
21,654.0	2,915.8	-	24,569.8	24,569.8
11,699.4	1,295.0	-	12,994.4	12,994.4
9,954.6	1,620.8	-	11,575.4	11,575.4
3,498,715.9	403,336.8	1,565.9	3,903,618.6	3,916,566.6
529,358.2	202,879.9	1,360.5	733,598.6	736,942.8
2,969,357.7	200,456.9	205.4	3,170,020.0	3,179,623.8
8,508,633.1	6,701,388.2	110,579.2	15,320,600.5	22,083,711.3
5,982,721.1	1,199,620.0	50,432.4	7,232,773.5	10,552,224.4
2,525,912.0	5,501,768.2	60,146.8	8,087,827.0	11,531,486.9
10,117.3	5,294.5	-	15,411.8	213,627.4
7,111.3	373.8	-	7,485.1	106,560.7
3,006.0	4,920.7	-	7,926.7	107,066.7
85,539.9	87,062.1	-	172,602.0	236,567.2
85,539.9	438.6	-	85,978.5	117,983.5
-	86,623.5	-	86,623.5	118,583.7
8,177,923.8	6,098,404.8	528.6	14,276,857.2	18,552,472.3
7,273,199.5	203,255.1	-	7,476,454.6	9,615,263.5
904,724.3	5,895,149.7	528.6	6,800,402.6	8,937,208.8
150,488.9	72,379.9	-	222,868.8	222,868.8
65,671.7	22,684.5	-	88,356.2	88,356.2
84,817.2	49,695.4	-	134,512.6	134,512.6
108,640.0	112,416.0	-	221,056.0	221,056.0
108,640.0	1,811.2	-	110,451.2	110,451.2
-	110,604.8	-	110,604.8	110,604.8
6,249,556.7	3,830,338.3	72,200.4	10,152,095.4	20,996,269.4
3,380,894.9	1,882,488.0	36,174.8	5,299,557.7	10,699,032.4
2,868,661.8	1,947,850.3	36,025.6	4,852,537.7	10,297,237.0
178,948.8	200,139.2	10,638.2	389,726.2	389,726.2
103,759.0	85,458.2	5,323.4	194,540.6	194,540.6
75,189.8	114,681.0	5,314.8	195,185.6	195,185.6
67,989.6	71,427.6	-	139,417.2	139,417.2

56. 선 별, 방 향 별 Car-km

구 분 Classification		여 객 Passenger		
		영 차 Loaded	공 차 Empty	소 계 Sub Total
선 별 Line				
	상 Up	-	-	-
	하 Down	-	-	-
괴 동 선	Goedong	78,4	492,8	571,2
	상 Up	39,2	246,4	285,6
	하 Down	39,2	246,4	285,6
진 해 선	Jinhae	356,772,0	87,482,1	444,254,1
	상 Up	178,483,5	43,741,8	222,225,3
	하 Down	178,288,5	43,740,3	222,028,8
대 구 선	Daegu	2,724,232,0	12,590,7	2,736,822,7
	상 Up	1,361,087,0	6,294,8	1,367,381,8
	하 Down	1,363,145,0	6,295,9	1,369,440,9
가 야 선	gaya	160,399,9	164,140,4	324,540,3
	상 Up	70,501,2	10,463,7	80,964,9
	하 Down	89,898,7	153,676,7	243,575,4
부 전 선	Bujeon	62,418,4	45,933,8	108,352,2
	상 Up	30,830,8	22,904,2	53,735,0
	하 Down	31,587,6	23,029,6	54,617,2
우 암 선	Uam	-	-	-
	상 Up	-	-	-
	하 Down	-	-	-
경 전 선	GyeongJeon	12,810,583,3	331,930,2	13,142,513,5
	상 Up	6,897,363,3	157,874,8	7,055,238,1
	하 Down	5,913,220,0	174,055,4	6,087,275,4
경 부 고 속 선	Gyeongbu High Speed	326,336,792,0	9,392,747,7	335,729,539,7
	상 Up	163,711,720,0	4,497,807,0	168,209,527,0
	하 Down	162,625,072,0	4,894,940,7	167,520,012,7
고 양 기 지 선	Goyanggiji	6,554,0	612,950,8	619,504,8
	상 Up	4,626,0	325,653,0	330,279,0
	하 Down	1,928,0	287,297,8	289,225,8
부 산 기 지 선	Busangiji	1,720,0	384,168,0	385,888,0
	상 Up	552,0	191,892,0	192,444,0
	하 Down	1,168,0	192,276,0	193,444,0

차 량 키 로 (5)

by Line

화 물 Freight				합 계
영 차	공 차	차 장 차	소 계	
Loaded	Empty	Caboose	Sub Total	Grand Total
67,975.2	1,800.0	-	69,775.2	69,775.2
14.4	69,627.6	-	69,642.0	69,642.0
457,779.2	177,469.6	280.0	635,528.8	636,100.0
286,260.8	31,432.8	140.0	317,833.6	318,119.2
171,518.4	146,036.8	140.0	317,695.2	317,980.8
32,237.3	34,347.3	3,373.2	69,957.8	514,211.9
4,954.9	27,122.4	1,684.2	33,761.5	255,986.8
27,282.4	7,224.9	1,689.0	36,196.3	258,225.1
1,686,141.8	1,342,597.7	3,706.6	3,032,446.1	5,769,268.8
1,440,824.5	33,715.0	1,867.7	1,476,407.2	2,843,789.0
245,317.3	1,308,882.7	1,838.9	1,556,038.9	2,925,479.8
734,961.6	199,819.1	1,116.3	935,897.0	1,260,437.3
183,298.6	76,152.5	443.7	259,894.8	340,859.7
551,663.0	123,666.6	672.6	676,002.2	919,577.6
37,600.2	12,058.2	66.0	49,724.4	158,076.6
26,690.4	2,149.4	46.2	28,886.0	82,621.0
10,909.8	9,908.8	19.8	20,838.4	75,455.6
352,844.8	87,216.9	99.7	440,161.4	440,161.4
164,185.7	56,038.9	45.6	220,270.2	220,270.2
188,659.1	31,178.0	54.1	219,891.2	219,891.2
7,610,083.4	4,154,666.7	153,353.1	11,918,103.2	25,060,616.7
3,831,682.8	2,007,504.0	77,978.8	5,917,165.6	12,972,403.7
3,778,400.6	2,147,162.7	75,374.3	6,000,937.6	12,088,213.0
2,662.0	17.9	-	2,679.9	335,732,219.6
2,662.0	-	-	2,662.0	168,212,189.0
-	17.9	-	17.9	167,520,030.6
19.6	-	-	19.6	619,524.4
-	-	-	-	330,279.0
19.6	-	-	19.6	289,245.4
-	-	-	-	385,888.0
-	-	-	-	192,444.0
-	-	-	-	193,444.0

