

関西国際空港2期事業  
事業全体の費用便益計算表(割引前)

(百万円)

年度	施設運 営期間	割 引 前							
		初期投資	更新投資 コスト	総費用 (C)	時間短縮・ 費用節減	運航頻度増 加	供給者 便益	総便益 (B)	純便益 (B-C)
1995		0	0	0			0	0	0
1996		2,549	0	2,549			0	-2,549	
1997		3,838	0	3,838			0	-3,838	
1998		46,801	0	46,801			0	-46,801	
1999		73,702	0	73,702			0	-73,702	
2000		119,104	0	119,104			0	-119,104	
2001		128,770	0	128,770			0	-128,770	
2002		111,193	0	111,193			0	-111,193	
2003		69,702	0	69,702			0	-69,702	
2004		62,145	0	62,145			0	-62,145	
2005		60,733	0	60,733			0	-60,733	
2006		36,172	90	36,262			0	-36,262	
2007	0	22,140	0	22,140	0		-1,002	-1,002	-23,142
2008	1	16,924	0	16,924	0	0	-1,461	-1,461	-18,386
2009	2	3,532	0	3,532	0	0	-1,673	-1,673	-5,205
2010	3	5,202	0	5,202	0	0	-1,694	-1,694	-6,896
2011	4	14,071	0	14,071	0	0	-1,662	-1,662	-15,734
2012	5	23,776	0	23,776	0	0	-1,636	-1,636	-25,412
2013	6	7,243	0	7,243	0	0	-1,614	-1,614	-8,857
2014	7	5,929	0	5,929	0	0	-1,595	-1,595	-7,524
2015	8	7,833	0	7,833	0	0	-1,579	-1,579	-9,412
2016	9	14,881	11,290	26,171	0	0	-1,565	-1,565	-27,736
2017	10	0	0	0	0	0	-1,553	-1,553	-1,553
2018	11	0	1,998	1,998	0	0	-2,939	-2,939	-4,937
2019	12	0	0	0	0	0	-2,929	-2,929	-2,929
2020	13	328	1,194	1,522	0	0	-2,920	-2,920	-4,442
2021	14	2,935	176	3,112	0	0	-2,912	-2,912	-6,024
2022	15	2,202	5,931	8,132	0	0	-2,905	-2,905	-11,038
2023	16	2,202	184	2,385	0	0	-2,899	-2,899	-5,284
2024	17	131	414	545	0	0	-3,177	-3,177	-3,721
2025	18	2,633	11,521	14,154	3,402	1,175	-2,306	2,271	-11,883
2026	19	262	73	335	6,792	3,215	-1,063	8,944	8,608
2027	20	1,649	2,135	3,784	10,173	4,500	241	14,914	11,130
2028	21	1,302	17	1,319	13,540	5,953	1,561	21,054	19,735
2029	22	19,802	732	20,534	16,897	7,562	2,878	27,337	6,804
2030	23	13,688	0	13,688	20,243	9,105	4,274	33,623	19,936
2031	24	13,833	0	13,833	23,440	10,679	5,522	39,642	25,808
2032	25	1,251	0	1,251	26,757	11,999	7,036	45,793	44,541
2033	26	1,693	23	1,716	30,067	13,310	8,269	51,646	49,930
2034	27	1,270	12,484	13,754	33,372	15,230	9,793	58,395	44,641
2035	28	1,925	667	2,593	36,670	16,441	11,313	64,425	61,832
2036	29	1,245	2,174	3,419	39,964	17,996	12,621	70,580	67,161
2037	30	41,110	5,650	46,759	43,252	19,183	14,507	76,942	30,183
2038	31	30,717	281	30,998	46,535	20,389	16,022	82,946	51,948
2039	32	31,409	1,600	33,008	49,814	22,000	17,542	89,356	56,348
2040	33	2,370	23	2,393	53,088	23,669	18,891	95,648	93,255
2041	34	1,743	6,403	8,146	56,357	25,172	19,536	101,065	92,919
2042	35	15,280	0	15,280	59,623	26,460	21,122	107,204	91,924
2043	36	10,841	11,307	22,148	62,886	27,731	22,353	112,970	90,823
2044	37	10,841	1,100	11,941	66,144	29,030	23,623	118,797	106,856
2045	38	1,069	3,939	5,008	69,398	30,690	25,321	125,409	120,401
2046	39	1,253	734	1,986	72,651	32,379	26,325	131,356	129,370
2047	40	21,559	519	22,078	75,899	33,555	27,658	137,112	115,034
2048	41	15,674	2,075	17,749	79,146	35,157	29,010	143,313	125,564
2049	42	15,674	17,706	33,380	82,388	36,999	30,332	149,719	116,339
2050	43	1,530	7,204	8,733	85,628	38,429	31,814	155,871	147,138
2051	44	1,922	208	2,130	88,866	40,009	32,620	161,495	159,365
2052	45	2,264	18,942	21,206	92,100	41,795	33,954	167,850	146,644
2053	46	402	690	1,092	95,333	43,229	35,263	173,825	172,733
2054	47	1,444	7,257	8,701	98,563	44,528	36,586	179,677	170,976
2055	48	35,695	923	36,618	101,793	45,828	37,908	185,528	148,910
2056	49	47,463	999	48,463	105,018	47,379	39,201	191,599	143,136
2057	50	10,643	881	11,524	108,241	48,917	40,539	197,698	186,173
合計		1,205,491	139,544	1,345,035	1,854,042	829,693	602,551	3,286,287	1,941,252

関西国際空港2期事業  
事業全体の費用便益計算表(割引後)

(百万円)

年度	施設運 営期間	社会的 割引率	割 引 後							
			初期投資	更新投資 コスト	総費用 (C)	時間短縮・ 費用節減	運航頻度増 加	供給者 便益	総便益 (B)	純便益 (B-C)
1995		1.801	0	0	0			0	0	0
1996		1.732	4,414	0	4,414			0	0	-4,414
1997		1.665	6,390	0	6,390			0	0	-6,390
1998		1.601	74,930	0	74,930			0	0	-74,930
1999		1.539	113,462	0	113,462			0	0	-113,462
2000		1.480	176,303	0	176,303			0	0	-176,303
2001		1.423	183,280	0	183,280			0	0	-183,280
2002		1.369	152,175	0	152,175			0	0	-152,175
2003		1.316	91,723	0	91,723			0	0	-91,723
2004		1.265	78,633	0	78,633			0	0	-78,633
2005		1.217	73,891	0	73,891			0	0	-73,891
2006		1.170	42,316	105	42,421			0	0	-42,421
2007	0	1.125	24,904	0	24,904	0		0	-1,128	-26,032
2008	1	1.082	18,305	0	18,305	0	0	-1,580	-1,580	-19,886
2009	2	1.040	3,674	0	3,674	0	0	-1,740	-1,740	-5,413
2010	3	1.000	5,202	0	5,202	0	0	-1,694	-1,694	-6,896
2011	4	0.962	13,530	0	13,530	0	0	-1,598	-1,598	-15,129
2012	5	0.925	21,982	0	21,982	0	0	-1,513	-1,513	-23,495
2013	6	0.889	6,439	0	6,439	0	0	-1,435	-1,435	-7,874
2014	7	0.855	5,068	0	5,068	0	0	-1,363	-1,363	-6,431
2015	8	0.822	6,438	0	6,438	0	0	-1,298	-1,298	-7,736
2016	9	0.790	11,761	8,922	20,683	0	0	-1,237	-1,237	-21,920
2017	10	0.760	0	0	0	0	0	-1,180	-1,180	-1,180
2018	11	0.731	0	1,460	1,460	0	0	-2,147	-2,147	-3,607
2019	12	0.703	0	0	0	0	0	-2,058	-2,058	-2,058
2020	13	0.676	221	807	1,028	0	0	-1,973	-1,973	-3,001
2021	14	0.650	1,907	114	2,021	0	0	-1,892	-1,892	-3,913
2022	15	0.625	1,375	3,704	5,079	0	0	-1,815	-1,815	-6,894
2023	16	0.601	1,322	110	1,433	0	0	-1,741	-1,741	-3,174
2024	17	0.577	76	239	315	0	0	-1,834	-1,834	-2,149
2025	18	0.555	1,462	6,397	7,859	1,889	652	-1,280	1,261	-6,598
2026	19	0.534	140	39	179	3,626	1,717	-568	4,775	4,596
2027	20	0.513	846	1,096	1,943	5,223	2,310	124	7,657	5,714
2028	21	0.494	643	8	651	6,684	2,939	770	10,393	9,742
2029	22	0.475	9,399	347	9,746	8,020	3,589	1,366	12,975	3,229
2030	23	0.456	6,247	0	6,247	9,239	4,156	1,951	15,345	9,098
2031	24	0.439	6,070	0	6,070	10,286	4,686	2,423	17,396	11,326
2032	25	0.422	528	0	528	11,290	5,063	2,969	19,322	18,794
2033	26	0.406	687	9	696	12,199	5,400	3,355	20,954	20,258
2034	27	0.390	495	4,870	5,366	13,019	5,941	3,820	22,781	17,415
2035	28	0.375	722	250	973	13,756	6,167	4,244	24,167	23,194
2036	29	0.361	449	784	1,233	14,414	6,491	4,552	25,458	24,224
2037	30	0.347	14,257	1,959	16,217	15,000	6,653	5,031	26,685	10,468
2038	31	0.333	10,243	94	10,337	15,518	6,799	5,343	27,661	17,324
2039	32	0.321	10,071	513	10,584	15,973	7,054	5,625	28,652	18,068
2040	33	0.308	731	7	738	16,368	7,298	5,825	29,490	28,752
2041	34	0.296	517	1,898	2,415	16,708	7,463	5,792	29,962	27,547
2042	35	0.285	4,356	0	4,356	16,996	7,543	6,021	30,559	26,204
2043	36	0.274	2,971	3,099	6,071	17,237	7,601	6,127	30,965	24,894
2044	37	0.264	2,857	290	3,147	17,432	7,651	6,226	31,309	28,162
2045	38	0.253	271	998	1,269	17,587	7,777	6,417	31,781	30,512
2046	39	0.244	305	179	484	17,703	7,890	6,415	32,007	31,523
2047	40	0.234	5,051	122	5,173	17,783	7,862	6,480	32,125	26,952
2048	41	0.225	3,531	468	3,999	17,830	7,920	6,536	32,286	28,288
2049	42	0.217	3,395	3,835	7,231	17,847	8,015	6,571	32,432	25,201
2050	43	0.208	319	1,500	1,819	17,835	8,004	6,626	32,466	30,647

関西国際空港 2 期事業  
残事業の費用便益計算表 (割引前)

(百万円)

年度	施設運 営期間	割 引 前							
		初期投資	更新投資 コスト	総費用 (C)	時間短縮・ 費用節減	運航頻度増 加	供給者 便益	総便益 (B)	純便益 (B-C)
1995		0	0	0				0	0
1996		0	0	0				0	0
1997		0	0	0				0	0
1998		0	0	0				0	0
1999		0	0	0				0	0
2000		0	0	0				0	0
2001		0	0	0				0	0
2002		0	0	0				0	0
2003		0	0	0				0	0
2004		0	0	0				0	0
2005		0	0	0				0	0
2006		0	0	0				0	0
2007	0	0	0	0	0	0	0	0	0
2008	1	0	0	0	0	0	0	0	0
2009	2	0	0	0	0	0	0	0	0
2010	3	5,202	0	5,202	0	0	0	0	-5,202
2011	4	14,071	0	14,071	0	0	0	0	-14,071
2012	5	23,776	0	23,776	0	0	0	0	-23,776
2013	6	7,243	0	7,243	0	0	0	0	-7,243
2014	7	5,929	0	5,929	0	0	0	0	-5,929
2015	8	7,833	0	7,833	0	0	0	0	-7,833
2016	9	14,881	0	14,881	0	0	0	0	-14,881
2017	10	0	0	0	0	0	0	0	0
2018	11	0	0	0	0	0	0	0	0
2019	12	0	0	0	0	0	0	0	0
2020	13	328	1,194	1,522	0	0	0	0	-1,522
2021	14	2,935	176	3,112	0	0	0	0	-3,112
2022	15	2,202	281	2,483	0	0	0	0	-2,483
2023	16	2,202	184	2,385	0	0	0	0	-2,385
2024	17	131	231	362	0	0	-283	-283	-646
2025	18	2,633	231	2,864	0	0	-708	-708	-3,572
2026	19	262	73	335	0	0	-762	-762	-1,097
2027	20	1,649	0	1,649	1,129	468	-312	1,285	-364
2028	21	1,302	17	1,319	4,513	1,878	1,003	7,394	6,075
2029	22	19,802	0	19,802	7,884	3,523	2,316	13,723	-6,079
2030	23	13,688	0	13,688	11,246	4,847	3,709	19,802	6,115
2031	24	13,833	0	13,833	14,510	6,612	4,953	26,075	12,242
2032	25	1,251	0	1,251	17,838	7,966	6,464	32,268	31,017
2033	26	1,693	23	1,716	21,157	9,381	7,693	38,231	36,515
2034	27	1,270	1,194	2,464	24,473	11,050	9,215	44,737	42,273
2035	28	1,925	667	2,593	27,779	12,325	10,732	50,837	48,244
2036	29	1,245	176	1,421	31,083	13,781	12,037	56,901	55,480
2037	30	41,110	0	41,110	34,378	14,958	13,920	63,257	22,147
2038	31	30,717	281	30,998	37,670	16,208	15,433	69,311	38,314
2039	32	31,409	1,417	32,826	40,957	17,675	16,952	75,583	42,757
2040	33	2,370	23	2,393	44,239	19,362	18,298	81,900	79,507
2041	34	1,743	6,403	8,146	47,517	21,197	18,941	87,655	79,509
2042	35	15,280	0	15,280	50,790	22,478	20,525	93,794	78,514
2043	36	10,841	17	10,858	54,059	23,713	21,755	99,527	88,669
2044	37	10,841	1,100	11,940	57,324	25,164	23,023	105,511	93,571
2045	38	1,069	1,303	2,372	60,586	26,786	24,720	112,092	109,720
2046	39	1,253	734	1,986	63,845	28,250	25,723	117,817	115,831
2047	40	21,559	342	21,901	67,099	29,510	27,054	123,663	101,762
2048	41	15,674	2,075	17,749	70,351	31,046	28,405	129,802	112,053
2049	42	15,674	16,974	32,648	73,599	32,317	29,726	135,642	102,994
2050	43	1,530	7,204	8,733	76,845	33,608	31,206	141,659	132,926
2051	44	1,922	208	2,130	80,089	35,215	32,012	147,316	145,186
2052	45	2,264	2,002	4,266	83,328	36,822	33,344	153,494	149,227
2053	46	402	690	1,092	86,567	38,377	34,652	159,597	158,505
2054	47	1,444	5,077	6,521	89,803	39,614	35,974	165,390	158,870
2055	48	35,695	923	36,618	93,034	40,876	37,295	171,205	134,587
2056	49	47,463	999	48,463	96,265	42,188	38,587	177,040	128,577
2057	50	10,643	881	11,524	99,495	43,665	39,924	183,083	171,559
合計		448,185	53,104	501,290	1,569,454	690,857	623,528	2,883,839	2,382,550

関西国際空港 2 期事業  
残事業の費用便益計算表 (割引後)

EIRR= 12.6% NPV= 13,306 億円  
B/C= 7.9

(百万円)

年度	施設運 営期間	社会的 割引率	割 引 後							
			初期投資	更新投資 コスト	総費用 (C)	時間短縮・ 費用節減	運航頻度増 加	供給者 便益	総便益 (B)	純便益 (B-C)
1995		1.801	0	0	0				0	0
1996		1.732	0	0	0				0	0
1997		1.665	0	0	0				0	0
1998		1.601	0	0	0				0	0
1999		1.539	0	0	0				0	0
2000		1.480	0	0	0				0	0
2001		1.423	0	0	0				0	0
2002		1.369	0	0	0				0	0
2003		1.316	0	0	0				0	0
2004		1.265	0	0	0				0	0
2005		1.217	0	0	0				0	0
2006		1.170	0	0	0				0	0
2007	0	1.125	0	0	0	0	0	0	0	0
2008	1	1.082	0	0	0	0	0	0	0	0
2009	2	1.040	0	0	0	0	0	0	0	0
2010	3	1.000	5,202	0	5,202	0	0	0	0	-5,202
2011	4	0.962	13,530	0	13,530	0	0	0	0	-13,530
2012	5	0.925	21,982	0	21,982	0	0	0	0	-21,982
2013	6	0.889	6,439	0	6,439	0	0	0	0	-6,439
2014	7	0.855	5,068	0	5,068	0	0	0	0	-5,068
2015	8	0.822	6,438	0	6,438	0	0	0	0	-6,438
2016	9	0.790	11,761	0	11,761	0	0	0	0	-11,761
2017	10	0.760	0	0	0	0	0	0	0	0
2018	11	0.731	0	0	0	0	0	0	0	0
2019	12	0.703	0	0	0	0	0	0	0	0
2020	13	0.676	221	807	1,028	0	0	0	0	-1,028
2021	14	0.650	1,907	114	2,021	0	0	0	0	-2,021
2022	15	0.625	1,375	175	1,551	0	0	0	0	-1,551
2023	16	0.601	1,322	110	1,433	0	0	0	0	-1,433
2024	17	0.577	76	134	209	0	0	-163	-163	-373
2025	18	0.555	1,462	129	1,590	0	0	-393	-393	-1,984
2026	19	0.534	140	39	179	0	0	-407	-407	-586
2027	20	0.513	846	0	846	580	240	-160	659	-187
2028	21	0.494	643	8	651	2,228	927	495	3,650	2,999
2029	22	0.475	9,399	0	9,399	3,742	1,672	1,099	6,514	-2,885
2030	23	0.456	6,247	0	6,247	5,133	2,212	1,693	9,038	2,791
2031	24	0.439	6,070	0	6,070	6,367	2,902	2,174	11,443	5,372
2032	25	0.422	528	0	528	7,527	3,361	2,728	13,616	13,088
2033	26	0.406	687	9	696	8,584	3,806	3,121	15,511	14,815
2034	27	0.390	495	466	961	9,547	4,311	3,595	17,453	16,492
2035	28	0.375	722	250	973	10,421	4,623	4,026	19,070	18,097
2036	29	0.361	449	64	513	11,211	4,971	4,342	20,524	20,011
2037	30	0.347	14,257	0	14,257	11,923	5,188	4,828	21,938	7,681
2038	31	0.333	10,243	94	10,337	12,562	5,405	5,147	23,114	12,777
2039	32	0.321	10,071	454	10,526	13,133	5,667	5,436	24,236	13,710
2040	33	0.308	731	7	738	13,640	5,970	5,642	25,251	24,513
2041	34	0.296	517	1,898	2,415	14,087	6,284	5,615	25,986	23,571
2042	35	0.285	4,356	0	4,356	14,478	6,408	5,851	26,737	22,381
2043	36	0.274	2,971	5	2,976	14,817	6,499	5,963	27,280	24,304
2044	37	0.264	2,857	290	3,147	15,108	6,632	6,068	27,808	24,661
2045	38	0.253	271	330	601	15,354	6,788	6,264	28,406	27,805
2046	39	0.244	305	179	484	15,557	6,884	6,268	28,708	28,224
2047	40	0.234	5,051	80	5,131	15,721	6,914	6,339	28,974	23,842
2048	41	0.225	3,531	468	3,999	15,849	6,994	6,399	29,243	25,244
2049	42	0.217	3,395	3,677	7,072	15,943	7,000	6,439	29,383	22,311
2050	43	0.208	319	1,500	1,819	16,006	7,000	6,500	29,506	27,687
2051	44	0.200	385	42	427	16,040	7,053	6,411	29,504	29,078
2052	45	0.193	436	386	822	16,047	7,091	6,421	29,559	28,737
2053	46	0.185	74	128	202	16,029	7,106	6,417	29,552	29,350
2054	47	0.178	257	904	1,161	15,989	7,053	6,405	29,447	28,286
2055	48	0.171	6,111	158	6,269	15,927	6,998	6,385	29,310	23,041
2056	49	0.165	7,813	164	7,978	15,847	6,945	6,352	29,143	21,166
2057	50	0.158	1,685	139	1,824	15,748	6,911	6,319	28,979	27,155
合計			178,647	13,209	191,857	381,145	167,816	149,616		