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Susitna Hydroelectric Project Socioeconomic

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SUSITNA HYDROELECTRIC PROJECT

FEDERAL ENERGY REGULATORY COMMISSION
PROJECT No. 7114

ALASKA RESOURCES
U.S. DEPT. OF



BUS TRANSPORTATION SCENARIO SOCIOECONOMIC IMPACT PROJECTIONS

F K ORTH & ASSOCIATES, INC.

UP CONTRACT TO

H/ ZA-EBASCO

SUS IA JOINT VENTURE

FINAL REPORT

MARCH 1984
DOCUMENT No. 1453

ALASKA POWER AUTHORITY

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SUSITNA HYDROELECTRIC PROJECT
SOCIOECONOMIC IMPACT PROJECTIONS:
BUS TRANSPORTATION SCENARIO

Report by
Frank Orth & Associates, Inc.

Under Contract to
Harza-Ebasco Susitna Joint Venture

Prepared for
Alaska Power Authority

Final Report
April 1984

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NOTICE

ANY QUESTIONS OR COMMENTS CONCERNING
THIS REPORT SHOULD BE DIRECTED TO
THE ALASKA POWER AUTHORITY
SUSITNA PROJECT OFFICE

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Assumptions About Travel times used for our Transportation Scenario

Wang VS Integrated EDITOR - Version 6.09.15 12:02 12/31/83 Page 1
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290400 ***** TRAVEL TIMES FROM CONSTRUCTION SITES *****
290500 QDIS2PA B 6.42*
290600 QDIS2WA B 6.03*
290700 QDIS2HO B 5.69*
290800 QDIS2TC B 4.24*
290900 QDIS2TK B 5.01*
291000 QDIS2PS B 6.42*
291100 QDIS2WS B 6.03*
291200 QDIS2HS B 5.69*
291300 QDIS4CN B 1.88*
291400 QDIS6AN B 7.09*
291500 QDIS6FN B 6.52*
291600 QDIS4HE B 3.30*
291700 QDIS4MC B 2.76*
291800 QDIS4NE B 4.95*
291900 QDIS2GC B 8.23*
292000 QDIS2SH B 8.36*
292100 QDIS2CU B 8.70*
292200 QDIS2CH B 9.14*
292300 QDIS2CL B 7.81*
292400 QDIS2CA B 8.01*
292500 QDIS2LA B 8.92*
292600 QDIS2HU B 6.73*
292700 QDIS3GL B 7.13*
292800 QDIS3VA B 10.34*
292900 QDIS3CC B 7.83*
293000 QDIS3GU B 6.75*
293100 QDIS3PX B 5.27*

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 12/29/83 AT 14:59:35

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE MATANUSKA-SUSITNA BOROUGH

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED INFLUX													
Direct Construction	0	0	0	0	1,294	1,606	3,073	3,822	4,209	5,054	4,820	4,131	2,835
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	205
Subtotal Direct	0	0	0	0	1,294	1,606	3,073	3,822	4,209	5,054	4,820	4,131	3,040
Support Construction	0	0	0	0	72	91	125	180	204	261	254	231	206
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	9
Subtotal Support	0	0	0	0	72	91	125	180	204	261	254	231	215
Total Project	0	0	0	0	1,366	1,697	3,198	4,002	4,413	5,315	5,074	4,362	3,255
BASELINE PROJECTION													
TOTAL POPULATION	22,339	27,652	30,579	32,797	35,224	37,624	39,610	41,554	44,163	47,246	49,168	52,401	54,797
TOTAL POPULATION													
Direct Influx As % Increase Over Basel.	0	0	0	0	4	4	8	9	10	11	10	8	6
Total Influx As % Increase Over Basel.	0	0	0	0	4	5	8	10	10	11	10	8	6

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 14:59:42

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN CANTWELL

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED INFLUX													
Direct Construction	0	0	0	0	359	469	363	518	600	775	760	714	647
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	359	469	363	518	600	775	760	714	647
Support Construction	0	0	0	0	36	46	39	55	63	83	82	75	67
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	36	46	39	55	63	83	82	75	67
Total Project	0	0	0	0	395	515	402	573	663	858	842	789	714
BASELINE PROJECTION	182	183	193	197	201	205	209	213	217	222	226	231	235
TOTAL POPULATION	182	183	193	197	596	720	611	786	880	1,080	1,068	1,020	949
Direct Influx As % Increase Over Baseline	0	0	0	0	179	229	174	243	277	349	336	309	275
Total Influx As % Increase Over Baseline	0	0	0	0	197	251	192	269	306	387	373	342	304

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 14:59:49

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN TRAPPER CREEK

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED INFLUX	-----												
Direct Construction	0	0	0	0	61	78	99	138	163	210	207	192	174
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	61	78	99	138	163	210	207	192	174
Support Construction	0	0	0	0	25	35	44	65	78	99	95	89	79
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	25	35	44	65	78	99	95	89	79
Total Project	0	0	0	0	86	113	143	203	241	309	302	281	253

BASELINE PROJECTION	225	237	227	236	246	255	266	276	287	299	311	323	336

TOTAL POPULATION	225	237	227	236	332	368	409	479	528	608	613	604	589
=====													
Direct Influx As % Increase Over Baseline	0	0	0	0	25	31	37	50	57	70	67	59	52
Total Influx As % Increase Over Baseline	0	0	0	0	35	44	54	74	84	103	97	87	75

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 14:59:56

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN TALKEETNA

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED INFLUX													
Direct Construction	0	0	0	0	49	68	82	120	138	178	174	163	145
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	49	68	82	120	138	178	174	163	145
Support Construction	0	0	0	0	9	12	16	22	25	31	30	27	24
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	9	12	16	22	25	31	30	27	24
Total Project	0	0	0	0	58	80	98	142	163	209	204	190	169
BASELINE PROJECTION	273	282	325	341	358	376	395	415	436	457	480	504	529
TOTAL POPULATION	273	282	325	341	416	456	493	557	599	666	684	694	698
Direct Influx As % Increase Over Basel.	0	0	0	0	14	18	21	29	32	39	36	32	27
Total Influx As % Increase Over Basel.	0	0	0	0	16	21	25	34	37	46	43	38	32

Source: Frank Orth & Associates, Inc., 1983.

ECON/POIIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:00:02

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE CITY OF PALMER

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED INFLUX													
Direct Construction	0	0	0	0	32	39	50	71	82	106	103	96	89
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	32	39	50	71	82	106	103	96	89
Support Construction	0	0	0	0	6	6	6	9	9	14	14	12	12
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	6	6	6	9	9	14	14	12	12
Total Project	0	0	0	0	38	45	56	80	91	120	117	108	101
BASELINE PROJECTION	2,567	2,524	2,738	2,916	3,106	3,307	3,522	3,751	3,995	4,255	4,404	4,558	4,718
TOTAL POPULATION	2,567	2,524	2,738	2,916	3,144	3,352	3,578	3,831	4,086	4,375	4,521	4,666	4,819
Direct Influx As % Increase Over Baseline	0	0	0	0	1	1	1	2	2	3	2	2	2
Total Influx As % Increase Over Baseline	0	0	0	0	1	1	2	2	2	3	3	2	2

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:00:08

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE CITY OF WASILLA

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED INFLUX													
Direct Construction	0	0	0	0	35	49	57	82	99	124	120	117	103
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	35	49	57	82	99	124	120	117	103
Support Construction	0	0	0	0	6	6	6	12	12	15	15	12	12
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	6	6	6	12	12	15	15	12	12
Total Project	0	0	0	0	41	55	63	94	111	139	135	129	115
BASELINE PROJECTION													
	2,168	2,349	2,944	3,165	3,402	3,657	3,932	4,226	4,543	4,884	5,251	5,644	6,068
TOTAL POPULATION													
	2,168	2,349	2,944	3,165	3,443	3,712	3,995	4,320	4,654	5,023	5,386	5,773	6,183
Direct Influx As % Increase Over Baseline													
	0	0	0	0	1	1	1	2	2	3	2	2	2
Total Influx As % Increase Over Baseline													
	0	0	0	0	1	2	2	2	2	3	3	2	2

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:00:14

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE CITY OF HOUSTON

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED INFLUX													
Direct Construction	0	0	0	0	35	46	57	82	92	120	117	113	103
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	35	46	57	82	92	120	117	113	103
Support Construction	0	0	0	0	3	3	6	6	6	9	9	9	6
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	3	3	6	6	6	9	9	9	6
Total Project	0	0	0	0	38	49	63	88	98	129	126	122	109
BASELINE PROJECTION													
	600	603	606	667	733	807	887	976	1,074	1,181	1,299	1,429	1,572
TOTAL POPULATION													
	600	603	606	667	771	856	950	1,064	1,172	1,310	1,425	1,551	1,681
Direct Influx As % Increase Over Baseline	0	0	0	0	5	6	6	8	9	10	9	8	7
Total Influx As % Increase Over Baseline	0	0	0	0	5	6	7	9	9	11	10	9	7

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:00:21

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE MUNICIPALITY OF ANCHORAGE

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED INFLUX													
Direct Construction	0	0	0	0	-327	-451	-952	-1,088	-1,158	-1,395	-1,339	-1,098	-668
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	-327	-451	-952	-1,088	-1,158	-1,395	-1,339	-1,098	-668
Support Construction	0	0	0	0	472	604	773	1,097	1,250	1,575	1,536	1,433	1,268
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	240
Subtotal Support	0	0	0	0	472	604	773	1,097	1,250	1,575	1,536	1,433	1,508
Total Project	0	0	0	0	145	153	-179	9	92	180	197	335	840
BASELINE PROJECTION													
	180,732	185,005	192,360	197,408	203,106	208,061	210,290	212,003	216,719	223,196	223,780	229,944	232,002
TOTAL POPULATION													
	180,732	185,005	192,360	197,408	203,251	208,214	210,111	212,012	216,811	223,376	223,977	230,279	232,842
Direct Influx As % Increase Over Baseline													
	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	0
Total Influx As % Increase Over Baseline													
	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:00:30

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE MUNICIPALITY OF FAIRBANKS

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED INFLUX													
Direct Construction	0	0	0	0	-134	-190	-329	-435	-486	-491	-452	-430	-275
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	-134	-190	-329	-435	-486	-491	-452	-430	-275
Support Construction	0	0	0	0	82	107	144	189	215	291	285	266	235
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	82	107	144	189	215	291	285	266	235
Total Project	0	0	0	0	-52	-83	-185	-246	-271	-200	-167	-164	-40
BASELINE PROJECTION													
TOTAL POPULATION	58,314	61,188	62,493	64,141	65,769	67,398	68,870	69,681	71,135	73,516	74,317	75,604	77,551
TOTAL POPULATION													
Direct Influx As % Increase Over Baseline	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	0
Total Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:01:41

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE RURAL/REMOTE AREAS OF THE MATANUSKA-SUSITNA BOROUGH

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED INFLUX													
Direct Construction	0	0	0	0	46	56	71	103	120	155	148	141	131
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	0	0	0	0	0	0	0	0	0
Support Construction	0	0	0	0	6	6	6	13	16	16	16	15	15
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Project	0	0	0	0	52	62	77	116	136	171	164	156	146
BASELINE PROJECTION	2,080	2,729	2,991	3,209	3,450	3,682	3,857	4,021	4,262	4,557	4,715	5,033	5,238
TOTAL POPULATION	2,080	2,729	2,991	3,209	3,502	3,744	3,934	4,137	4,398	4,728	4,879	5,189	5,384
Direct Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Baseline	0	0	0	0	2	2	2	3	3	4	4	3	3

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:02:09

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE SUBURBAN AREAS OF THE MATANUSKA-SUSITNA BOROUGH

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED INFLUX													
Direct Construction	0	0	0	0	96	124	156	228	264	334	330	309	280
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	0	0	0	0	0	0	0	0	0
Support Construction	0	0	0	0	22	29	38	54	60	78	74	68	61
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	9
Subtotal Support	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Project	0	0	0	0	118	153	194	282	324	412	404	377	350
BASELINE PROJECTION	14,426	18,928	20,748	22,263	23,929	25,540	26,751	27,889	29,566	31,613	32,708	34,910	36,336
TOTAL POPULATION	14,426	18,928	20,748	22,263	24,047	25,693	26,945	28,171	29,890	32,025	33,112	35,287	36,686
Direct Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Baseline	0	0	0	0	1	1	1	1	1	1	1	1	1

Source: Frank Orth & Associates, Inc., 1983.

ECON/POIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:02:18

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN HEALY

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED INFLUX													
Direct Construction	0	0	0	0	61	82	99	145	163	214	207	199	178
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	61	82	99	145	163	214	207	199	178
Support Construction	0	0	0	0	6	6	6	9	12	15	15	12	12
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	6	6	6	9	12	15	15	12	12
Total Project	0	0	0	0	67	88	105	154	175	229	222	211	190
BASELINE PROJECTION													
TOTAL POPULATION	342	351	359	368	445	475	502	561	592	656	660	660	650
Direct Influx As % Increase Over Baseline	0	0	0	0	16	21	25	36	39	50	47	44	39
Total Influx As % Increase Over Baseline	0	0	0	0	18	23	26	38	42	54	51	47	41

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:02:23

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE CITY OF NENANA

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED INFLUX	-----												
Direct Construction	0	0	0	0	28	39	47	71	78	103	99	92	82
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	28	39	47	71	78	103	99	92	82
Support Construction	0	0	0	0	3	3	6	6	6	9	9	6	6
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	3	3	6	6	6	9	9	6	6
Total Project	0	0	0	0	31	42	53	77	84	112	108	98	88

BASELINE PROJECTION	482	494	506	519	532	545	559	573	587	602	617	632	648

TOTAL POPULATION	482	494	506	519	563	587	612	650	671	714	725	730	736
=====													
Direct Influx As % Increase Over Basel.	0	0	0	0	5	7	8	12	13	17	16	15	13
Total Influx As % Increase Over Basel.	0	0	0	0	6	8	10	13	14	19	18	16	14

Source: Frank Orth & Associates, Inc., 1983.

ECON/POIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:02:29

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN MCKINLEY PARK

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED INFLUX	-----												
Direct Construction	0	0	0	0	68	89	111	157	186	236	232	217	199
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	68	89	111	157	186	236	232	217	199
Support Construction	0	0	0	0	6	6	6	9	9	15	15	12	12
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	6	6	6	9	9	15	15	12	12
Total Project	0	0	0	0	74	95	117	166	195	251	247	229	211

BASELINE PROJECTION	33	34	35	36	36	37	38	39	40	41	42	43	44

TOTAL POPULATION	33	34	35	36	110	132	155	205	235	292	289	272	255
=====													
Direct Influx As % Increase Over Baseline	0	0	0	0	189	241	292	403	465	576	552	505	452
Total Influx As % Increase Over Baseline	0	0	0	0	206	257	308	426	488	612	588	533	480

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:02:35

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE FAIRBANKS-NORTH STAR BOROUGH

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED INFLUX													
Direct Construction	0	0	0	0	-134	-190	-329	-435	-486	-491	-452	-430	-275
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	-134	-190	-329	-435	-486	-491	-452	-430	-275
Support Construction	0	0	0	0	82	107	144	189	215	291	285	266	235
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	82	107	144	189	215	291	285	266	235
Total Project	0	0	0	0	-52	-83	-185	-246	-271	-200	-167	-164	-40
BASELINE PROJECTION	58,314	61,188	62,493	64,141	65,769	67,398	68,870	69,681	71,135	73,516	74,317	75,604	77,551
TOTAL POPULATION	58,314	61,188	62,493	64,141	65,717	67,315	68,685	69,435	70,864	73,316	74,150	75,440	77,511
Direct Influx As % Increase Over Baseline	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	0
Total Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/POIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:02:47

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN MATANUSKA-SUSITNA BOROUGH COMMUNITIES

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED INFLUX	-----												
Direct Construction	0	0	0	0	354	460	572	824	958	1,227	1,199	1,131	1,025
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	354	460	572	824	958	1,227	1,199	1,131	1,025
Support Construction	0	0	0	0	77	97	122	181	206	262	253	232	209
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	9
Subtotal Support	0	0	0	0	77	97	122	181	206	262	253	232	218
Total Project	0	0	0	0	431	557	694	1,005	1,164	1,489	1,452	1,363	1,243

BASELINE PROJECTION	22,339	27,652	30,579	32,797	35,224	37,624	39,610	41,554	44,163	47,246	49,168	52,401	54,797

TOTAL POPULATION	22,339	27,652	30,579	32,797	35,655	38,181	40,304	42,559	45,327	48,735	50,620	53,764	56,040
=====													
Direct Influx As % Increase Over Baseline	0	0	0	0	1	1	1	2	2	3	2	2	2
Total Influx As % Increase Over Baseline	0	0	0	0	1	2	2	2	3	3	3	3	2

Source: Frank Orth & Associates, Inc., 1983.

SUSITNA HYDROELECTRIC PROJECT
SOCIOECONOMIC IMPACT STUDY
IMPACT OF THE PROJECT ON POPULATION
IN THE LOCAL IMPACT AREA

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED INFLUX													
Direct Construction	0	0	0	0	1,810	2,285	3,693	4,713	5,236	6,382	6,118	5,353	3,941
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	1,810	2,285	3,693	4,713	5,236	6,382	6,118	5,353	3,941
Support Construction	0	0	0	0	131	163	193	272	308	398	388	352	314
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	9
Subtotal Support	0	0	0	0	131	163	193	272	308	398	388	352	323
Total Project	0	0	0	0	1,941	2,448	3,886	4,985	5,544	6,780	6,506	5,705	4,264
BASELINE PROJECTION	24,538	29,880	32,836	35,083	37,540	39,970	41,987	43,962	46,602	49,717	51,671	54,937	57,365
TOTAL POPULATION	24,538	29,880	32,836	35,083	39,481	42,418	45,873	48,947	52,146	56,497	58,177	60,642	61,629
Direct Influx As % Increase Over Basel.	0	0	0	0	5	6	9	11	11	13	12	10	7
Total Influx As % Increase Over Basel.	0	0	0	0	5	6	9	11	12	14	13	10	7

Source: Frank Orth & Associates, Inc., 1983.

ECON/POIIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:02:59

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE MATANUSKA-SUSITNA BOROUGH

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED INFLUX												
Direct Construction	2,125	1,664	2,119	2,604	2,928	3,023	2,836	2,286	1,157	933	933	933
Direct Operations	425	425	425	425	425	425	425	425	498	498	498	498
Subtotal Direct	2,550	2,089	2,544	3,029	3,353	3,448	3,261	2,711	1,655	1,431	1,431	1,431
Support Construction	196	189	194	202	210	208	204	192	173	170	169	168
Support Operations	21	21	21	21	21	21	21	21	26	26	26	26
Subtotal Support	217	210	215	223	231	229	225	213	199	196	195	194
Total Project	2,767	2,299	2,759	3,252	3,584	3,677	3,486	2,924	1,854	1,627	1,626	1,625
BASELINE PROJECTION	56,990	58,975	61,235	63,675	66,062	68,514	71,079	73,718	76,452	79,346	82,360	85,509
TOTAL POPULATION	59,757	61,274	63,994	66,927	69,646	72,191	74,565	76,642	78,306	80,973	83,986	87,134
Direct Influx As % Increase Over Baseline	5	4	4	5	5	5	5	4	2	2	2	2
Total Influx As % Increase Over Baseline	5	4	5	5	5	5	5	4	2	2	2	2

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:03:05

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN CANTWELL

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED INFLUX	-----											
Direct Construction	625	611	625	650	668	675	664	625	593	590	590	590
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	625	611	625	650	668	675	664	625	593	590	590	590
Support Construction	65	63	66	70	73	79	79	72	64	62	62	63
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	65	63	66	70	73	79	79	72	64	62	62	63
Total Project	690	674	691	720	741	754	743	697	657	652	652	653

BASELINE PROJECTION	240	245	250	255	260	265	270	276	281	287	293	298

TOTAL POPULATION	930	919	941	975	1,001	1,019	1,013	973	938	939	945	951
=====												
Direct Influx As % Increase Over Baseline	260	249	250	255	257	255	246	226	211	206	201	198
Total Influx As % Increase Over Baseline	288	275	276	282	285	285	275	253	234	227	223	219

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:03:11

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN TRAPPER CREEK

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED INFLUX	-----											
Direct Construction	170	163	170	174	181	185	178	170	160	160	160	160
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	170	163	170	174	181	185	178	170	160	160	160	160
Support Construction	73	69	72	77	77	79	76	70	64	63	63	63
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	73	69	72	77	77	79	76	70	64	63	63	63
Total Project	243	232	242	251	258	264	254	240	224	223	223	223

BASELINE PROJECTION	349	363	378	393	409	425	442	460	478	497	517	538

TOTAL POPULATION	592	595	620	644	667	689	696	700	702	720	740	761
=====												
Direct Influx As % Increase Over Basel.	49	45	45	44	44	44	40	37	34	32	31	30
Total Influx As % Increase Over Basel.	70	64	64	64	63	62	58	52	47	45	43	41

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:03:17

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN TALKEETNA

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED INFLUX												
Direct Construction	141	141	141	148	156	156	153	145	134	134	134	134
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	141	141	141	148	156	156	153	145	134	134	134	134
Support Construction	24	21	24	24	27	26	26	23	20	20	20	20
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	24	21	24	24	27	26	26	23	20	20	20	20
Total Project	165	162	165	172	183	182	179	168	154	154	154	154
BASELINE PROJECTION												
TOTAL POPULATION	721	746	778	815	859	891	924	950	975	1,016	1,059	1,105
Direct Influx As % Increase Over Baseline	25	24	23	23	23	22	21	19	16	16	15	14
Total Influx As % Increase Over Baseline	30	28	27	27	27	26	24	22	19	18	17	16

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:03:22

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE CITY OF PALMER

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED INFLUX												

Direct Construction	85	82	85	89	92	92	92	85	82	82	82	82
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	85	82	85	89	92	92	92	85	82	82	82	82
Support Construction	11	11	11	11	11	11	11	11	9	9	9	9
Support Operations	3	3	3	3	3	3	3	3	3	3	3	3
Subtotal Support	14	14	14	14	14	14	14	14	12	12	12	12
Total Project	99	96	99	103	106	106	106	99	94	94	94	94

BASELINE PROJECTION	4,883	5,054	5,230	5,414	5,603	5,799	6,002	6,212	6,430	6,655	6,888	7,129

TOTAL POPULATION	4,982	5,150	5,329	5,517	5,709	5,905	6,108	6,311	6,524	6,749	6,982	7,223

Direct Influx As % Increase Over Baseline	2	2	2	2	2	2	2	1	1	1	1	1
Total Influx As % Increase Over Baseline	2	2	2	2	2	2	2	2	2	1	1	1

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:03:28

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE CITY OF WASILLA

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED INFLUX												
Direct Construction	103	99	103	103	106	106	106	103	96	92	92	92
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	103	99	103	103	106	106	106	103	96	92	92	92
Support Construction	12	12	12	12	12	12	12	12	9	9	9	9
Support Operations	3	3	3	3	3	3	3	3	3	3	3	3
Subtotal Support	15	15	15	15	15	15	15	15	12	12	12	12
Total Project	118	114	118	118	121	121	121	118	108	104	104	104
BASELINE PROJECTION	6,523	7,012	7,538	8,103	8,711	9,364	10,067	10,822	11,633	12,506	13,444	14,452
TOTAL POPULATION	6,641	7,126	7,656	8,221	8,832	9,485	10,188	10,940	11,741	12,610	13,548	14,556
Direct Influx As % Increase Over Baseline	2	1	1	1	1	1	1	1	1	1	1	1
Total Influx As % Increase Over Baseline	2	2	2	2	1	1	1	1	1	1	1	1

Source: Frank Orth & Associates, Inc., 1983.

ECON/POIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:03:33

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE CITY OF HOUSTON

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED INFLUX	-----											
Direct Construction	99	96	99	103	103	106	103	99	92	92	92	92
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	99	96	99	103	103	106	103	99	92	92	92	92
Support Construction	6	6	6	6	6	6	6	6	6	6	6	6
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	6	6	6	6	6	6	6	6	6	6	6	6
Total Project	105	102	105	109	109	112	109	105	98	98	98	98

BASELINE PROJECTION	1,729	1,902	2,092	2,301	2,531	2,785	3,063	3,369	3,706	4,077	4,485	4,933

TOTAL POPULATION	1,834	2,004	2,197	2,410	2,640	2,897	3,172	3,474	3,804	4,175	4,583	5,031
=====												
Direct Influx As % Increase Over Basel.	6	5	5	5	4	4	3	3	3	2	2	2
Total Influx As % Increase Over Basel.	6	5	5	5	4	4	4	3	3	2	2	2

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:03:39

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE MUNICIPALITY OF ANCHORAGE

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED INFLUX												
Direct Construction	-442	-298	-443	-590	-672	-701	-654	-478	-87	4	4	4
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	-442	-298	-443	-590	-672	-701	-654	-478	-87	4	4	4
Support Construction	1,206	1,164	1,205	1,274	1,328	1,346	1,315	1,223	1,130	1,110	1,111	1,112
Support Operations	500	500	501	538	538	538	539	539	633	633	634	634
Subtotal Support	1,706	1,664	1,706	1,812	1,866	1,884	1,854	1,762	1,763	1,743	1,745	1,746
Total Project	1,264	1,366	1,263	1,222	1,194	1,183	1,200	1,284	1,676	1,747	1,749	1,750
BASELINE PROJECTION	232,952	232,879	233,733	235,060	235,981	236,936	238,077	239,256	240,532	242,083	243,768	245,605
TOTAL POPULATION	234,216	234,245	234,996	236,282	237,175	238,119	239,277	240,540	242,208	243,830	245,517	247,355
Direct Influx As % Increase Over Basel.	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Basel.	1	1	1	1	1	1	1	1	1	1	1	1

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:03:45

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE MUNICIPALITY OF FAIRBANKS

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED INFLUX												
Direct Construction	-170	-126	-165	-210	-275	-281	-253	-151	-33	7	7	7
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	-170	-126	-165	-210	-275	-281	-253	-151	-33	7	7	7
Support Construction	223	215	224	235	244	247	244	227	210	205	205	205
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	223	215	224	235	244	247	244	227	210	205	205	205
Total Project	53	89	59	25	-31	-34	-9	76	177	212	212	212
BASELINE PROJECTION	79,523	80,033	80,895	81,907	82,784	83,663	84,693	85,798	86,913	88,050	89,273	90,572
TOTAL POPULATION	79,576	80,122	80,954	81,932	82,753	83,629	84,684	85,874	87,090	88,262	89,485	90,784
Direct Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:04:01

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE RURAL/REMOTE AREAS OF THE MATANUSKA-SUSITNA BOROUGH

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED INFLUX	-----											
Direct Construction	124	120	124	131	134	134	131	124	120	117	117	117
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	0	0	0	0	0	0	0	0
Support Construction	12	12	12	15	15	15	15	15	12	12	11	11
Support Operations	0	0	0	0	0	0	0	0	3	3	3	3
Subtotal Support	0	0	0	0	0	0	0	0	0	0	0	0
Total Project	136	132	136	146	149	149	146	139	135	132	131	131

BASELINE PROJECTION	5,412	5,552	5,718	5,899	6,065	6,228	6,396	6,561	6,726	6,898	7,071	7,246

TOTAL POPULATION	5,548	5,684	5,854	6,045	6,214	6,377	6,542	6,700	6,861	7,030	7,202	7,377
=====												
Direct Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Baseline	3	2	2	3	3	2	2	2	2	2	2	2

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:04:07

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE SUBURBAN AREAS OF THE MATANUSKA-SUSITNA BOROUGH

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED INFLUX	-----											
Direct Construction	270	266	270	280	291	294	287	270	256	256	256	256
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	0	0	0	0	0	0	0	0
Support Construction	58	57	57	60	62	62	59	55	52	49	49	48
Support Operations	15	15	15	15	15	15	15	15	17	17	17	17
Subtotal Support	0	0	0	0	0	0	0	0	0	0	0	0
Total Project	343	338	342	355	368	371	361	340	325	322	322	321

BASELINE PROJECTION	37,538	38,508	39,666	40,922	42,067	43,204	44,364	45,512	46,658	47,851	49,050	50,260

TOTAL POPULATION	37,881	38,846	40,008	41,277	42,435	43,575	44,725	45,852	46,983	48,173	49,372	50,581
=====												
Direct Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Baseline	1	1	1	1	1	1	1	1	1	1	1	1

Source: Frank Orth & Associates, Inc., 1983.

ECON/POIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:04:12

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN HEALY

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED INFLUX	-----											
Direct Construction	170	167	170	178	181	185	181	174	163	163	163	163
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	170	167	170	178	181	185	181	174	163	163	163	163
Support Construction	12	9	12	12	12	12	12	12	9	9	9	9
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	12	9	12	12	12	12	12	12	9	9	9	9
Total Project	182	176	182	190	193	197	193	186	172	172	172	172

BASELINE PROJECTION	471	483	495	508	520	533	547	560	574	589	603	619

TOTAL POPULATION	653	659	677	698	713	730	740	746	746	761	775	791
=====												
Direct Influx As % Increase Over Baseline	36	35	34	35	35	35	33	31	28	28	27	26
Total Influx As % Increase Over Baseline	39	36	37	37	37	37	35	33	30	29	29	28

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:04:18

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE CITY OF NENANA

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED INFLUX	-----											
Direct Construction	82	78	82	82	89	89	89	82	78	78	78	78
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	82	78	82	82	89	89	89	82	78	78	78	78
Support Construction	6	6	6	6	6	6	6	6	6	6	6	6
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	6	6	6	6	6	6	6	6	6	6	6	6
Total Project	88	84	88	88	95	95	95	88	84	84	84	84

BASELINE PROJECTION	664	681	698	716	733	752	771	790	810	830	851	872

TOTAL POPULATION	752	765	786	804	828	847	866	878	894	914	935	956
=====												
Direct Influx As % Increase Over Baseline	12	12	12	12	12	12	12	10	10	9	9	9
Total Influx As % Increase Over Baseline	13	12	13	12	13	13	12	11	10	10	10	10

Source: Frank Orth & Associates, Inc., 1983.

ECON/POPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN MCKINLEY PARK

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED INFLUX	-----											
Direct Construction	188	188	188	199	202	206	202	192	181	178	178	178
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	188	188	188	199	202	206	202	192	181	178	178	178
Support Construction	12	12	12	12	12	12	12	12	9	9	9	9
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	12	12	12	12	12	12	12	12	9	9	9	9
Total Project	200	200	200	211	214	218	214	204	190	187	187	187

BASELINE PROJECTION	45	47	48	49	50	51	53	54	55	57	58	60

TOTAL POPULATION	245	247	248	260	264	269	267	258	245	244	245	247
=====												
Direct Influx As % Increase Over Baseline	418	400	392	406	404	404	381	356	329	312	307	297
Total Influx As % Increase Over Baseline	444	426	417	431	428	428	404	378	346	328	322	312

Source: Frank Orth & Associates, Inc., 1983.

ECON/POIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:04:29

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE FAIRBANKS-NORTH STAR BOROUGH

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED INFLUX	-----											
Direct Construction	-170	-126	-165	-210	-275	-281	-253	-151	-33	7	7	7
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	-170	-126	-165	-210	-275	-281	-253	-151	-33	7	7	7
Support Construction	223	215	224	235	244	247	244	227	210	205	205	205
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	223	215	224	235	244	247	244	227	210	205	205	205
Total Project	53	89	59	25	-31	-34	-9	76	177	212	212	212

BASELINE PROJECTION	79,523	80,033	80,895	81,907	82,784	83,663	84,693	85,798	86,913	88,050	89,273	90,572

TOTAL POPULATION	79,576	80,122	80,954	81,932	82,753	83,629	84,684	85,874	87,090	88,262	89,485	90,784
=====												
Direct Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/POIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:04:40

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN MATANUSKA-SUSITNA BOROUGH COMMUNITIES

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED INFLUX	-----											
Direct Construction	992	967	992	1,028	1,063	1,073	1,050	996	940	933	933	933
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	992	967	992	1,028	1,063	1,073	1,050	996	940	933	933	933
Support Construction	196	188	194	205	210	211	205	192	172	168	167	166
Support Operations	21	21	21	21	21	21	21	21	26	26	26	26
Subtotal Support	217	209	215	226	231	232	226	213	198	194	193	192
Total Project	1,209	1,176	1,207	1,254	1,294	1,305	1,276	1,209	1,138	1,127	1,126	1,125

BASELINE PROJECTION	56,990	58,975	61,235	63,675	66,062	68,514	71,079	73,718	76,452	79,346	82,360	85,509

TOTAL POPULATION	58,199	60,151	62,442	64,929	67,356	69,819	72,355	74,927	77,590	80,473	83,486	86,634
=====												
Direct Influx As % Increase Over Basel.	2	2	2	2	2	2	2	1	1	1	1	1
Total Influx As % Increase Over Basel.	2	2	2	2	2	2	2	2	2	1	1	1

Source: Frank Orth & Associates, Inc., 1983.

ECON/POIIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 03/02/84 AT 17:19:44

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON POPULATION
 IN THE LOCAL IMPACT AREA

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED INFLUX	-----											
Direct Construction	3,190	2,708	3,184	3,713	4,068	4,178	3,972	3,359	2,172	1,942	1,942	1,942
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	3,190	2,708	3,184	3,713	4,068	4,178	3,972	3,359	2,172	1,942	1,942	1,942
Support Construction	301	287	298	308	319	325	318	296	265	259	258	256
Support Operations	21	21	21	21	21	21	21	21	26	26	26	26
Subtotal Support	322	308	319	329	340	346	339	317	291	285	284	282
Total Project	3,512	3,016	3,503	4,042	4,408	4,524	4,311	3,676	2,463	2,227	2,226	2,224

BASELINE PROJECTION	59,592	61,611	63,905	66,380	68,802	71,290	73,891	76,567	79,338	82,269	85,322	88,510

TOTAL POPULATION	63,104	64,627	67,408	70,422	73,210	75,814	78,202	80,243	81,801	84,496	87,548	90,734
=====												
Direct Influx As % Increase Over Baseline	5	4	5	6	6	6	5	4	3	2	2	2
Total Influx As % Increase Over Baseline	6	5	6	6	6	6	6	5	3	3	3	3

Source: Frank Orth & Associates, Inc., 1983.

ECON/WFPAYV/PROJECTH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:04:53

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 MONTHLY ON-SITE CONSTRUCTION AND OPERATIONS
 PAYROLL - 1985 TO 2005

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
CONSTRUCTION													
January	0	0	0	0	1,124	1,537	2,130	2,795	3,137	3,915	3,635	2,781	1,446
February	0	0	0	0	1,162	1,588	2,201	2,888	3,241	4,045	3,756	2,874	1,494
March	0	0	0	0	1,611	2,203	3,053	4,006	4,496	5,611	5,210	3,986	2,072
April	0	0	0	0	2,473	3,381	4,686	6,148	6,901	8,612	7,997	6,118	3,180
May	0	0	0	0	2,698	3,689	5,112	6,707	7,529	9,395	8,724	6,674	3,469
June	0	0	0	0	3,260	4,457	6,177	8,105	9,097	11,353	10,541	8,065	4,192
July	0	0	0	0	3,710	5,072	7,029	9,223	10,352	12,919	11,995	9,177	4,771
August	0	0	0	0	3,747	5,123	7,100	9,316	10,456	13,049	12,117	9,270	4,819
September	0	0	0	0	3,373	4,611	6,390	8,384	9,411	11,744	10,905	8,343	4,337
October	0	0	0	0	2,586	3,535	4,899	6,428	7,215	9,004	8,360	6,396	3,325
November	0	0	0	0	1,911	2,613	3,621	4,751	5,333	6,655	6,179	4,728	2,458
December	0	0	0	0	1,312	1,793	2,485	3,261	3,660	4,567	4,241	3,244	1,687
TOTAL/YR	0	0	0	0	28,967	39,600	54,880	72,011	80,827	100,869	93,662	71,656	37,249
OPERATIONS/MAINTENANCE													
TOTAL - YEAR	0	0	0	0	0	0	0	0	2,759	5,715	5,715	5,715	5,715
Total payroll - cons	0	0	0	0	28,967	39,600	54,880	72,011	83,586	106,584	99,377	77,371	42,964

Source: Alaska Department of Labor, 1981.

ECON/EMPIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON EMPLOYMENT BY PLACE OF WORK
 IN THE LOCAL IMPACT AREA

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	1,098	1,358	1,900	2,500	2,804	3,502	3,250	2,503	1,301
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	70
Subtotal Direct	0	0	0	0	1,098	1,358	1,900	2,500	2,804	3,502	3,250	2,503	1,371
Support Construction	0	0	0	0	158	208	538	711	766	891	843	710	440
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	3
Subtotal Support	0	0	0	0	158	208	538	711	766	891	843	710	443
Total Project	0	0	0	0	470	620	1,351	1,710	1,858	2,191	2,065	1,708	1,096
BASELINE PROJECTION													
	4,852	5,519	6,291	6,543	6,951	7,314	7,556	7,788	8,143	8,582	8,754	9,290	9,584
TOTAL EMPLOYMENT													
	4,852	5,519	6,291	6,543	7,421	7,934	8,907	9,498	10,001	10,773	10,819	10,998	10,680
Direct Influx As % Increase Over Baseline													
	0	0	0	0	16	19	25	32	34	41	37	27	14
Support Influx As % Increase Over Baseline													
	0	0	0	0	2	3	7	9	9	10	10	8	5
Total Impact As % Increase Over Baseline													
	0	0	0	0	7	9	18	22	23	26	24	18	11

Source: Frank Orth & Associates, Inc., 1983.

ECON/EMPIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:05:15

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 MATANUSKA-SUSITNA BOROUGH COMMUNITIES

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED IMPACT													

Direct Construction	0	0	0	0	159	210	275	380	432	551	506	379	182
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	159	210	275	380	432	551	506	379	182
Support Construction	0	0	0	0	127	168	220	342	389	496	455	341	164
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	3
Subtotal Support	0	0	0	0	127	168	220	342	389	496	455	341	167
Total Project	0	0	0	0	286	378	495	722	821	1,047	961	720	349

BASELINE PROJECTION	4,291	4,942	5,698	5,932	6,322	6,667	6,891	7,103	7,438	7,857	8,008	8,522	8,794

TOTAL EMPLOYMENT	4,291	4,942	5,698	5,932	6,608	7,045	7,386	7,825	8,259	8,904	8,969	9,242	9,143
=====													
Direct Influx As % Increase Over Basel.	0	0	0	0	3	3	4	5	6	7	6	4	2
Support Influx As % Increase Over Basel.	0	0	0	0	2	3	3	5	5	6	6	4	2
Total Impact As % Increase Over Basel.	0	0	0	0	5	6	7	10	11	13	12	8	4

Source: Frank Orth & Associates, Inc., 1983.

ECON/EMPIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:05:21

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 THE RAILBELT PORTION OF THE YUKON-KOYUKUK BOROUGH

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	153	202	188	269	310	399	366	269	121
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	153	202	188	269	310	399	366	269	121
Support Construction	0	0	0	0	31	40	38	54	62	80	73	54	24
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	31	40	38	54	62	80	73	54	24
Total Project	0	0	0	0	184	242	226	323	372	479	439	323	145
BASELINE PROJECTION	561	577	593	611	629	647	665	685	705	725	746	768	790
TOTAL EMPLOYMENT	561	577	593	611	813	889	891	1,008	1,077	1,204	1,185	1,091	935
Direct Influx As % Increase Over Baseline	0	0	0	0	24	31	28	39	44	55	49	35	15
Support Influx As % Increase Over Baseline	0	0	0	0	5	6	6	8	9	11	10	7	3
Total Impact As % Increase Over Baseline	0	0	0	0	29	37	34	47	53	66	59	42	18

Source: Frank Orth & Associates, Inc., 1983.

ECON/EMPIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:05:28

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 THE MUNICIPALITY OF ANCHORAGE

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED IMPACT													

Direct Construction	0	0	0	0	356	451	520	742	857	1,088	994	741	350
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	356	451	520	742	857	1,088	994	741	350
Support Construction	0	0	0	0	427	541	624	965	1,114	1,414	1,292	963	455
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	85
Subtotal Support	0	0	0	0	427	541	624	965	1,114	1,414	1,292	963	540
Total Project	0	0	0	0	783	992	1,144	1,707	1,971	2,502	2,286	1,704	890

BASILINE PROJECTION	101,518	104,574	108,391	110,452	115,249	119,028	120,528	121,764	124,994	129,493	129,468	135,193	136,922

TOTAL EMPLOYMENT	101,518	104,574	108,391	110,452	116,032	120,020	121,672	123,471	126,965	131,995	131,754	136,897	137,812
=====													
Direct Influx As % Increase Over Baseline	0	0	0	0	0	0	0	1	1	1	1	1	0
Support Influx As % Increase Over Baseline	0	0	0	0	0	1	1	1	1	1	1	1	0
Total Impact As % Increase Over Baseline	0	0	0	0	1	1	1	1	2	2	2	1	1

Source: Frank Orth & Associates, Inc., 1983.

ECON/EMPIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 THE FAIRBANKS-NORTH STAR BOROUGH

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	153	194	248	326	367	499	465	328	151
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	153	194	248	326	367	499	465	328	151
Support Construction	0	0	0	0	77	97	124	163	184	299	279	197	91
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	77	97	124	163	184	299	279	197	91
Total Project	0	0	0	0	230	291	372	489	551	798	744	525	242
BASELINE PROJECTION													
TOTAL EMPLOYMENT	30,887	31,979	32,387	32,844	33,915	34,837	35,384	35,661	36,359	37,418	37,613	38,574	39,608
TOTAL EMPLOYMENT													
Direct Influx As % Increase Over Baseline	0	0	0	0	1	1	1	1	1	1	1	1	0
Support Influx As % Increase Over Baseline	0	0	0	0	0	0	0	1	1	1	1	1	0
Total Impact As % Increase Over Baseline	0	0	0	0	1	1	1	1	2	2	2	1	1

Source: Frank Orth & Associates, Inc., 1983.

SUSITNA HYDROELECTRIC PROJECT
SOCIOECONOMIC IMPACT STUDY
IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
THE SOUTHEAST FAIRBANKS CENSUS DIVISION

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED IMPACT													

Direct Construction	0	0	0	0	1	1	2	3	3	4	4	3	2
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	1	1	2	3	3	4	4	3	2
Support Construction	0	0	0	0	0	0	0	1	1	1	1	1	0
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	0	0	0	1	1	1	1	1	0
Total Project	0	0	0	0	1	1	2	4	4	5	5	4	2

BASELINE PROJECTION	1,469	1,521	1,540	1,562	1,613	1,657	1,683	1,696	1,729	1,780	1,789	1,835	1,884

TOTAL EMPLOYMENT	1,469	1,521	1,540	1,562	1,614	1,658	1,685	1,700	1,733	1,785	1,794	1,839	1,886
=====													
Direct Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0	0
Support Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Impact As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 THE KENAI-COOK INLET CENSUS DIVISION

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	71	89	102	146	168	215	196	146	69
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	71	89	102	146	168	215	196	146	69
Support Construction	0	0	0	0	28	36	41	58	67	108	98	73	35
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	28	36	41	58	67	108	98	73	35
Total Project	0	0	0	0	99	125	143	204	235	323	294	219	104
BASELINE PROJECTION													
	9,049	9,209	9,254	9,551	10,092	10,554	10,821	11,067	11,500	12,059	12,202	12,894	13,215
TOTAL EMPLOYMENT													
	9,049	9,209	9,254	9,551	10,191	10,679	10,964	11,271	11,735	12,382	12,496	13,113	13,319
Direct Influx As % Increase Over Baseline													
	0	0	0	0	1	1	1	1	2	2	2	1	1
Support Influx As % Increase Over Baseline													
	0	0	0	0	0	0	0	1	1	1	1	1	0
Total Impact As % Increase Over Baseline													
	0	0	0	0	1	1	1	2	2	3	2	2	1

Source: Frank Orth & Associates, Inc., 1983.

ECON/EMPIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:06:09

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 THE SEWARD CENSUS DIVISION

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED IMPACT													

Direct Construction	0	0	0	0	1	1	2	3	3	4	4	3	2
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	1	1	2	3	3	4	4	3	2

Support Construction	0	0	0	0	0	0	1	1	1	2	2	1	1
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	0	0	1	1	1	2	2	1	1

Total Project	0	0	0	0	1	1	3	4	4	6	6	4	3

BASELINE PROJECTION	1,749	1,808	1,878	1,918	2,005	2,075	2,105	2,131	2,192	2,275	2,279	2,385	2,420

TOTAL EMPLOYMENT	1,749	1,808	1,878	1,918	2,006	2,076	2,108	2,135	2,196	2,281	2,285	2,389	2,423
=====													
Direct Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0	0
Support Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Impact As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 THE VALDEZ-CHITINA-WHITTIER CENSUS DIVISION

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	22	30	39	51	57	70	65	51	27
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	22	30	39	51	57	70	65	51	27
Support Construction	0	0	0	0	7	9	12	15	17	21	20	15	8
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	7	9	12	15	17	21	20	15	8
Total Project	0	0	0	0	29	39	51	66	74	91	85	66	35
BASELINE PROJECTION													
TOTAL EMPLOYMENT	2,869	3,148	4,168	4,313	4,492	4,249	4,512	4,643	4,667	4,644	4,678	4,741	4,814
Direct Influx As % Increase Over Baseline	0	0	0	0	1	1	1	1	1	2	1	1	1
Support Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	1	0	0	0
Total Impact As % Increase Over Baseline	0	0	0	0	1	1	1	1	2	2	2	1	1

Source: Frank Orth & Associates, Inc., 1983.

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 THE LOCAL IMPACT AREA

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	1,098	1,358	1,900	2,500	2,804	3,502	3,250	2,503	1,301
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	70
Subtotal Direct	0	0	0	0	1,098	1,358	1,900	2,500	2,804	3,502	3,250	2,503	1,371
Support Construction	0	0	0	0	158	208	538	711	766	891	843	710	440
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	3
Subtotal Support	0	0	0	0	158	208	538	711	766	891	843	710	443
Total Project	0	0	0	0	1,256	1,566	2,438	3,211	3,570	4,393	4,093	3,213	1,814
BASELINE PROJECTION	4,852	5,519	6,291	6,543	6,951	7,314	7,556	7,788	8,143	8,582	8,754	9,290	9,584
TOTAL EMPLOYMENT	4,852	5,519	6,291	6,543	8,207	8,880	9,994	10,999	11,713	12,975	12,847	12,503	11,398
Direct Influx As % Increase Over Basel.	0	0	0	0	16	19	25	32	34	41	37	27	14
Support Influx As % Increase Over Basel.	0	0	0	0	2	3	7	9	9	10	10	8	5
Total Impact As % Increase Over Basel.	0	0	0	0	18	21	32	41	44	51	47	35	19

Source: Frank Orth & Associates, Inc., 1983.

ECON/EMPIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:06:34

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 THE RAILBELT REGION

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED IMPACT													

Direct Construction	0	0	0	0	916	1,178	1,726	2,270	2,547	3,180	2,950	2,270	1,184
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	70
Subtotal Direct	0	0	0	0	916	1,178	1,726	2,270	2,547	3,180	2,950	2,270	1,254
Support Construction	0	0	0	0	697	891	1,340	1,914	2,150	2,736	2,535	1,960	1,030
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	88
Subtotal Support	0	0	0	0	697	891	1,340	1,914	2,150	2,736	2,535	1,960	1,118
Total Project	0	0	0	0	1,584	2,030	3,015	4,118	4,623	5,825	5,400	4,164	2,337

BASELINE PROJECTION	152,393	157,758	163,909	167,183	174,317	179,714	182,589	184,750	189,584	196,252	196,784	204,913	208,447

TOTAL EMPLOYMENT	152,393	157,758	163,909	167,183	175,901	181,744	185,604	188,868	194,207	202,077	202,184	209,077	210,784
=====													
Direct Influx As % Increase Over Baseline	0	0	0	0	1	1	1	1	1	2	2	1	1
Support Influx As % Increase Over Baseline	0	0	0	0	0	1	1	1	1	1	1	1	1
Total Impact As % Increase Over Baseline	0	0	0	0	1	1	2	2	2	3	3	2	1

Source: Frank Orth & Associates, Inc., 1983.

ECON/EMPIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:06:40

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 THE STATE OF ALASKA

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED IMPACT													

Direct Construction	0	0	0	0	916	1,178	1,726	2,270	2,547	3,180	2,950	2,270	1,184
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	70
Subtotal Direct	0	0	0	0	916	1,178	1,726	2,270	2,547	3,180	2,950	2,270	1,254
Support Construction	0	0	0	0	705	901	1,350	1,928	2,166	2,756	2,553	1,974	1,037
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	88
Subtotal Support	0	0	0	0	705	901	1,350	1,928	2,166	2,756	2,553	1,974	1,125
Total Project	0	0	0	0	1,632	2,088	3,077	4,202	4,717	5,943	5,509	4,249	2,381

BASELINE PROJECTION	223,184	231,984	243,067	246,984	258,396	267,895	273,581	277,669	283,619	293,689	291,844	309,031	312,180

TOTAL EMPLOYMENT	223,184	231,984	243,067	246,984	260,028	269,983	276,658	281,871	288,336	299,632	297,353	313,280	314,561
=====													
Direct Influx As % Increase Over Baseline	0	0	0	0	0	0	1	1	1	1	1	1	0
Support Influx As % Increase Over Baseline	0	0	0	0	0	0	1	1	1	1	1	1	0
Total Impact As % Increase Over Baseline	0	0	0	0	1	1	1	2	2	2	2	1	1

Source: Frank Orth & Associates, Inc., 1983.

ECON/EMPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:06:58

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON EMPLOYMENT BY PLACE OF WORK
 IN THE LOCAL IMPACT AREA

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	806	495	801	1,246	1,599	1,693	1,498	889	150	0	0	0
Direct Operations	145	145	145	145	145	145	145	145	170	170	170	170
Subtotal Direct	951	640	946	1,391	1,744	1,838	1,643	1,034	320	170	170	170
Support Construction	301	203	300	378	443	477	439	317	61	0	0	0
Support Operations	7	7	7	7	7	7	7	7	9	9	9	9
Subtotal Support	308	210	307	385	450	484	446	324	70	9	9	9
Total Project	845	616	842	1,049	1,224	1,285	1,186	874	317	179	179	179
BASELINE PROJECTION	9,769	9,984	10,229	10,496	10,760	11,037	11,341	11,660	11,999	12,365	12,756	13,171
TOTAL EMPLOYMENT	10,614	10,600	11,071	11,545	11,984	12,322	12,527	12,534	12,316	12,544	12,935	13,350
Direct Influx As % Increase Over Baseline	10	6	9	13	16	17	15	9	3	1	1	1
Support Influx As % Increase Over Baseline	3	2	3	4	4	4	4	3	1	0	0	0
Total Impact As % Increase Over Baseline	9	6	8	10	11	12	11	8	3	1	1	1

Source: Frank Orth & Associates, Inc., 1983.

ECON/EMPIMPV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:07:06

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 MATANUSKA-SUSITNA BOROUGH COMMUNITIES

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	112	68	111	185	247	262	228	119	19	0	0	0
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	112	68	111	185	247	262	228	119	19	0	0	0
Support Construction	101	61	100	167	222	236	205	107	17	0	0	0
Support Operations	7	7	7	7	7	7	7	7	9	9	9	9
Subtotal Support	108	68	107	174	229	243	212	114	26	9	9	9
Total Project	220	136	218	359	476	505	440	233	45	9	9	9
BASELINE PROJECTION	8,956	9,147	9,368	9,610	9,848	10,098	10,375	10,666	10,976	11,313	11,673	12,056
TOTAL EMPLOYMENT	9,176	9,283	9,586	9,969	10,324	10,603	10,815	10,899	11,021	11,322	11,682	12,065
Direct Influx As % Increase Over Baseline	1	1	1	2	3	3	2	1	0	0	0	0
Support Influx As % Increase Over Baseline	1	1	1	2	2	2	2	1	0	0	0	0
Total Impact As % Increase Over Baseline	3	2	2	4	5	5	4	2	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/EMPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:07:12

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 THE RAILBELT PORTION OF THE YUKON-KOYUKUK BOROUGH

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	74	45	73	128	176	188	161	80	14	0	0	0
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	74	45	73	128	176	188	161	80	14	0	0	0
Support Construction	15	9	15	26	35	56	48	24	4	0	0	0
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	15	9	15	26	35	56	48	24	4	0	0	0
Total Project	89	54	88	154	211	244	209	104	18	0	0	0
BASELINE PROJECTION	813	837	861	886	912	939	966	994	1,023	1,052	1,083	1,115
TOTAL EMPLOYMENT	902	891	949	1,040	1,123	1,183	1,175	1,098	1,041	1,052	1,083	1,115
Direct Influx As % Increase Over Basel.	9	5	9	14	19	20	17	8	1	0	0	0
Support Influx As % Increase Over Basel.	2	1	2	3	4	6	5	2	0	0	0	0
Total Impact As % Increase Over Basel.	11	7	10	17	23	26	22	11	2	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/EMPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:07:18

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 THE MUNICIPALITY OF ANCHORAGE

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	207	116	204	353	483	518	448	228	37	0	0	0
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	207	116	204	353	483	518	448	228	37	0	0	0
Support Construction	269	151	265	494	676	725	627	319	52	0	0	0
Support Operations	177	177	177	190	190	190	190	190	223	223	223	223
Subtotal Support	446	328	442	684	866	915	817	509	275	223	223	223
Total Project	653	444	646	1,037	1,349	1,433	1,265	737	312	223	223	223
BASELINE PROJECTION												
	136,917	137,316	138,142	139,235	140,226	141,337	142,779	144,351	146,105	148,155	150,432	152,906
TOTAL EMPLOYMENT												
	137,570	137,760	138,788	140,272	141,575	142,770	144,044	145,088	146,417	148,378	150,655	153,129
Direct Influx As % Increase Over Baseline												
	0	0	0	0	0	0	0	0	0	0	0	0
Support Influx As % Increase Over Baseline												
	0	0	0	1	1	1	1	0	0	0	0	0
Total Impact As % Increase Over Baseline												
	1	0	1	1	1	1	1	1	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/EMPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:07:23

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 THE FAIRBANKS-NORTH STAR BOROUGH

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	93	50	93	164	208	225	198	113	16	0	0	0
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	93	50	93	164	208	225	198	113	16	0	0	0
Support Construction	56	30	56	98	125	135	139	79	11	0	0	0
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	56	30	56	98	125	135	139	79	11	0	0	0
Total Project	149	80	149	262	333	360	337	192	27	0	0	0
BASELINE PROJECTION	40,056	40,286	40,557	40,867	41,167	41,473	41,904	42,392	42,919	43,478	44,124	44,827
TOTAL EMPLOYMENT	40,205	40,366	40,706	41,129	41,500	41,833	42,241	42,584	42,946	43,478	44,124	44,827
Direct Influx As % Increase Over Baseline	0	0	0	0	1	1	1	0	0	0	0	0
Support Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0
Total Impact As % Increase Over Baseline	0	0	0	1	1	1	1	1	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/EMPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:07:29

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 THE SOUTHEAST FAIRBANKS CENSUS DIVISION

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	1	1	1	1	2	2	2	1	0	0	0	0
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	1	1	1	1	2	2	2	1	0	0	0	0
Support Construction	0	0	0	0	0	0	1	0	0	0	0	0
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	0	0	1	0	0	0	0	0
Total Project	1	1	1	1	2	2	3	1	0	0	0	0
BASELINE PROJECTION	1,905	1,916	1,929	1,944	1,958	1,972	1,993	2,016	2,041	2,068	2,098	2,132
TOTAL EMPLOYMENT	1,906	1,917	1,930	1,945	1,960	1,974	1,996	2,017	2,041	2,068	2,098	2,132
Direct Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0
Support Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0
Total Impact As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/EMPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:07:36

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 THE KENAI-COOK INLET CENSUS DIVISION

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED IMPACT												

Direct Construction	40	23	40	70	95	102	89	44	7	0	0	0
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	40	23	40	70	95	102	89	44	7	0	0	0
Support Construction	20	12	20	35	48	51	53	26	4	0	0	0
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	20	12	20	35	48	51	53	26	4	0	0	0
Total Project	60	35	60	105	143	153	142	70	11	0	0	0

BASELINE PROJECTION	13,370	13,566	13,806	14,076	14,338	14,616	14,931	15,265	15,622	16,016	16,441	16,893

TOTAL EMPLOYMENT	13,430	13,601	13,866	14,181	14,481	14,769	15,073	15,335	15,633	16,016	16,441	16,893
=====												
Direct Influx As % Increase Over Baseline	0	0	0	1	1	1	1	0	0	0	0	0
Support Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0
Total Impact As % Increase Over Baseline	0	0	0	1	1	1	1	1	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/EMPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:07:42

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 THE SEWARD CENSUS DIVISION

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	1	1	1	1	2	2	2	1	0	0	0	0
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	1	1	1	1	2	2	2	1	0	0	0	0
Support Construction	0	0	0	0	0	0	0	0	0	0	0	0
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	0	0	0	0	0	0	0	0
Total Project	1	1	1	1	2	2	2	1	0	0	0	0
BASELINE PROJECTION	2,425	2,437	2,457	2,481	2,504	2,529	2,560	2,593	2,630	2,672	2,719	2,769
TOTAL EMPLOYMENT	2,426	2,438	2,458	2,482	2,506	2,531	2,562	2,594	2,630	2,672	2,719	2,769
Direct Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0
Support Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0
Total Impact As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/EMPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 03/02/84 AT 17:22:38

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 THE VALDEZ-CHITINA-WHITTIER CENSUS DIVISION

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED IMPACT												

Direct Construction	16	10	16	25	31	32	30	17	2	0	0	0
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	16	10	16	25	31	32	30	17	2	0	0	0
Support Construction	5	3	5	8	9	13	12	7	1	0	0	0
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	5	3	5	8	9	13	12	7	1	0	0	0
Total Project	21	13	21	33	40	45	42	24	3	0	0	0

BASELINE PROJECTION	4,886	4,975	5,080	5,196	5,326	5,455	5,589	5,721	5,855	5,993	6,134	6,279

TOTAL EMPLOYMENT	4,907	4,988	5,101	5,229	5,366	5,500	5,631	5,745	5,858	5,993	6,134	6,279
=====												
Direct Influx As % Increase Over Basel.	0	0	0	1	1	1	1	0	0	0	0	0
Support Influx As % Increase Over Basel.	0	0	0	0	0	0	0	0	0	0	0	0
Total Impact As % Increase Over Basel.	0	0	0	1	1	1	1	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 THE LOCAL IMPACT AREA

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	806	495	801	1,246	1,599	1,693	1,498	889	150	0	0	0
Direct Operations	145	145	145	145	145	145	145	145	170	170	170	170
Subtotal Direct	951	640	946	1,391	1,744	1,838	1,643	1,034	320	170	170	170
Support Construction	301	203	300	378	443	477	439	317	61	0	0	0
Support Operations	7	7	7	7	7	7	7	7	9	9	9	9
Subtotal Support	308	210	307	385	450	484	446	324	70	9	9	9
Total Project	1,259	850	1,253	1,776	2,194	2,322	2,089	1,358	390	179	179	179
BASELINE PROJECTION	9,769	9,984	10,229	10,496	10,760	11,037	11,341	11,660	11,999	12,365	12,756	13,171
TOTAL EMPLOYMENT	11,028	10,834	11,482	12,272	12,954	13,359	13,430	13,018	12,389	12,544	12,935	13,350
Direct Influx As % Increase Over Baseline	10	6	9	13	16	17	15	9	3	1	1	1
Support Influx As % Increase Over Baseline	3	2	3	4	4	4	4	3	1	0	0	0
Total Impact As % Increase Over Baseline	13	9	12	17	20	21	18	12	3	1	1	1

Source: Frank Orth & Associates, Inc., 1983.

ECON/EMPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:08:00

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 THE RAILBELT REGION

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED IMPACT												

Direct Construction	750	462	745	1,133	1,450	1,537	1,364	809	139	0	0	0
Direct Operations	145	145	145	145	145	145	145	145	170	170	170	170
Subtotal Direct	895	607	890	1,278	1,595	1,682	1,509	954	309	170	170	170
Support Construction	651	399	646	1,013	1,301	1,401	1,271	748	129	0	0	0
Support Operations	184	184	184	197	197	197	197	197	232	232	232	232
Subtotal Support	835	583	830	1,210	1,498	1,598	1,468	945	361	232	232	232
Total Project	1,709	1,177	1,699	2,455	3,053	3,235	2,935	1,875	667	402	402	402

BASELINE PROJECTION	209,329	210,480	212,199	214,294	216,279	218,419	221,097	223,998	227,171	230,747	234,704	238,978

TOTAL EMPLOYMENT	211,038	211,657	213,898	216,749	219,332	221,654	224,032	225,873	227,838	231,149	235,106	239,380
=====												
Direct Influx As % Increase Over Baseline	0	0	0	1	1	1	1	0	0	0	0	0
Support Influx As % Increase Over Baseline	0	0	0	1	1	1	1	0	0	0	0	0
Total Impact As % Increase Over Baseline	1	1	1	1	1	2	1	1	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/EMPIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:08:06

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF PROJECT-RELATED EMPLOYEES BY PLACE OF RESIDENCE
 THE STATE OF ALASKA

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED IMPACT												

Direct Construction	750	462	745	1,133	1,450	1,537	1,364	809	139	0	0	0
Direct Operations	145	145	145	145	145	145	145	145	170	170	170	170
Subtotal Direct	895	607	890	1,278	1,595	1,682	1,509	954	309	170	170	170
Support Construction	655	401	650	1,020	1,310	1,410	1,279	753	130	0	0	0
Support Operations	184	184	184	197	197	197	197	197	232	232	232	232
Subtotal Support	839	585	834	1,217	1,507	1,607	1,476	950	362	232	232	232
Total Project	1,732	1,191	1,722	2,497	3,107	3,290	2,984	1,903	671	402	402	402

BASELINE PROJECTION	312,511	313,954	316,404	318,765	320,353	322,374	325,186	328,141	331,499	335,859	340,569	345,701

TOTAL EMPLOYMENT	314,243	315,145	318,126	321,262	323,460	325,664	328,170	330,044	332,170	336,261	340,971	346,103
=====												
Direct Influx As % Increase Over Baseline	0	0	0	0	1	1	1	0	0	0	0	0
Support Influx As % Increase Over Baseline	0	0	0	0	1	1	1	0	0	0	0	0
Total Impact As % Increase Over Baseline	1	0	1	1	1	1	1	1	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/GRAYMDLV/CONSTR/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:08:21

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 GRAVITY MODEL ASSIGNMENTS OF RELOCATERS TO PLACES

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Palmer	9	12	15	21	24	31	28	21	9	6	4	6	10	14	14	13	6	1
Wasilla	10	14	17	25	28	36	33	24	11	7	4	7	12	16	17	15	7	1
Houston	10	13	17	24	27	35	33	24	11	7	4	7	11	15	17	14	7	1
Talkeetna	15	20	25	35	40	52	48	35	16	10	6	10	17	23	24	21	10	2
Trapper Creek	17	23	29	41	48	62	56	41	19	12	7	11	20	27	29	25	12	2
Suburban Mat-Su	28	37	46	66	76	98	90	66	30	18	11	18	31	43	46	40	19	3
Rural/Remote Mat-Su	13	17	21	30	35	45	41	30	14	8	5	8	14	20	21	18	9	1
Cantwell	105	138	107	153	176	227	208	152	68	42	26	41	72	99	106	92	45	8
Healy	18	23	29	42	48	62	57	42	19	12	7	11	20	27	29	25	12	2
Nenana	9	11	14	20	23	30	27	20	9	6	3	5	10	13	14	12	6	1
McKinley Park	20	26	33	47	54	69	64	47	21	13	8	13	22	30	32	28	14	3
Glennallen	1	1	1	2	2	2	2	2	1	1	0	1	1	1	1	1	0	0
Valdez	1	1	1	1	1	2	2	1	1	0	0	0	1	1	1	1	0	0
Copper Center	1	1	1	1	1	2	2	1	1	0	0	0	1	1	1	1	0	0
Gulkana	1	1	1	2	2	2	2	2	1	0	0	0	1	1	1	1	0	0
Paxson	1	2	2	2	2	3	3	2	1	1	0	1	1	1	1	1	1	0
Anchorage	2	2	2	2	3	3	3	2	1	1	0	1	1	1	2	1	1	0
Fairbanks	2	3	2	3	4	5	4	3	2	1	1	1	2	2	2	2	1	0
Total Relocaters	261	342	361	515	594	764	702	515	232	143	87	140	244	335	358	309	152	28

Sums may not equal totals due to independent rounding.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:08:39

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE MATANUSKA-SUSITNA BOROUGH

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	104	133	520	591	633	712	703	682	581
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	70
Subtotal Direct	0	0	0	0	104	133	520	591	633	712	703	682	651
Support Construction	0	0	0	0	23	29	40	58	66	85	83	76	68
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	3
Subtotal Support	0	0	0	0	23	29	40	58	66	85	83	76	71
Total Project	0	0	0	0	127	162	560	649	699	797	786	758	722
BASELINE PROJECTION													
TOTAL HOUSEHOLDS	6,810	8,664	9,611	10,362	11,186	12,005	12,700	13,387	14,301	15,375	16,078	17,220	18,103
	6,810	8,664	9,611	10,362	11,313	12,167	13,260	14,036	15,000	16,172	16,864	17,978	18,825
Direct Impact As % Increase Over Basel.	0	0	0	0	1	1	4	4	4	5	4	4	4
Total Influx As % Increase Over Basel.	0	0	0	0	1	1	4	5	5	5	5	4	4

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:08:44

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE CITY OF PALMER

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED IMPACT													

Direct Construction	0	0	0	0	9	11	15	21	24	31	30	28	26
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	9	11	15	21	24	31	30	28	26
Support Construction	0	0	0	0	2	2	2	3	3	5	5	4	4
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	2	2	2	3	3	5	5	4	4
Total Project	0	0	0	0	11	13	17	24	27	36	35	32	30

BASELINE PROJECTION	783	817	944	1,007	1,073	1,143	1,219	1,299	1,385	1,476	1,529	1,584	1,641

TOTAL HOUSEHOLDS	783	817	944	1,007	1,084	1,156	1,236	1,323	1,412	1,512	1,564	1,616	1,671
=====													
Direct Impact As % Increase Over Basel.	0	0	0	0	1	1	1	2	2	2	2	2	2
Total Influx As % Increase Over Basel.	0	0	0	0	1	1	1	2	2	2	2	2	2

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:08:51

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE CITY OF WASILLA

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	10	14	17	24	29	36	35	34	30
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	10	14	17	24	29	36	35	34	30
Support Construction	0	0	0	0	2	2	2	4	4	5	5	4	4
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	2	2	2	4	4	5	5	4	4
Total Project	0	0	0	0	12	16	19	28	33	41	40	38	34
BASELINE PROJECTION	670	792	947	1,022	1,102	1,190	1,284	1,386	1,496	1,615	1,743	1,881	2,030
TOTAL HOUSEHOLDS	670	792	947	1,022	1,114	1,206	1,303	1,414	1,529	1,656	1,783	1,919	2,064
Direct Impact As % Increase Over Basel.	0	0	0	0	1	1	1	2	2	2	2	2	2
Total Influx As % Increase Over Basel.	0	0	0	0	1	1	2	2	2	3	2	2	2

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:08:57

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE CITY OF HOUSTON

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	10	13	17	24	27	35	34	33	30
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	10	13	17	24	27	35	34	33	30
Support Construction	0	0	0	0	1	1	2	2	2	3	3	3	2
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	1	1	2	2	2	3	3	3	2
Total Project	0	0	0	0	11	14	19	26	29	38	37	36	32
BASELINE PROJECTION	207	207	210	231	254	280	308	339	373	411	452	498	548
TOTAL HOUSEHOLDS	207	207	210	231	265	294	327	365	402	449	489	534	580
Direct Impact As % Increase Over Baseline	0	0	0	0	4	5	6	7	7	9	8	7	6
Total Influx As % Increase Over Baseline	0	0	0	0	4	5	6	8	8	9	8	7	6

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:09:03

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN TALKEETNA

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	16	20	25	35	42	55	53	49	44
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	16	20	25	35	42	55	53	49	44
Support Construction	0	0	0	0	3	4	5	7	8	10	10	9	8
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	3	4	5	7	8	10	10	9	8
Total Project	0	0	0	0	19	24	30	42	50	65	63	58	52
BASELINE PROJECTION	89	89	103	108	114	121	127	134	142	149	158	166	175
TOTAL HOUSEHOLDS	89	89	103	108	133	145	157	176	192	214	221	224	227
Direct Impact As % Increase Over Baseline	0	0	0	0	14	17	20	26	30	37	34	30	25
Total Influx As % Increase Over Baseline	0	0	0	0	17	20	24	31	35	44	40	35	30

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:09:09

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN TRAPPER CREEK

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED IMPACT	-----												
Direct Construction	0	0	0	0	18	23	29	40	48	62	61	56	51
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	18	23	29	40	48	62	61	56	51
Support Construction	0	0	0	0	8	11	14	21	25	32	31	29	26
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	8	11	14	21	25	32	31	29	26
Total Project	0	0	0	0	26	34	43	61	73	94	92	85	77

BASELINE PROJECTION	68	68	71	74	78	81	85	88	92	97	101	106	111

TOTAL HOUSEHOLDS	68	68	71	74	104	115	128	149	165	191	193	191	188
=====													
Direct Impact As % Increase Over Basel.	0	0	0	0	23	28	34	46	52	64	60	53	46
Total Influx As % Increase Over Basel.	0	0	0	0	33	42	51	69	79	97	91	80	69

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:09:15

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE RURAL/REMOTE AREAS OF THE MATANUSKA-SUSITNA BOROUGH

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	13	16	21	30	35	45	43	41	38
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	13	16	21	30	35	45	43	41	38
Support Construction	0	0	0	0	2	2	2	4	5	5	5	5	5
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	2	2	2	4	5	5	5	5	5
Total Project	0	0	0	0	15	18	23	34	40	50	48	46	43
BASELINE PROJECTION	468	935	930	993	1,074	1,153	1,215	1,274	1,358	1,461	1,520	1,633	1,709
TOTAL HOUSEHOLDS	468	935	930	993	1,089	1,171	1,238	1,308	1,398	1,511	1,568	1,679	1,752
Direct Impact As % Increase Over Baseline	0	0	0	0	1	1	2	2	3	3	3	3	2
Total Influx As % Increase Over Baseline	0	0	0	0	1	2	2	3	3	3	3	3	3

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:09:21

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE SUBURBAN AREA OF THE MATANUSKA-SUSITNA BOROUGH

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	28	36	46	67	78	98	97	91	82
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	28	36	46	67	78	98	97	91	82
Support Construction	0	0	0	0	7	9	12	17	19	25	24	22	20
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	3
Subtotal Support	0	0	0	0	7	9	12	17	19	25	24	22	23
Total Project	0	0	0	0	35	45	58	84	97	123	121	113	105
BASELINE PROJECTION	4,420	5,667	6,402	6,910	7,468	8,016	8,444	8,854	9,440	10,152	10,565	11,342	11,875
TOTAL HOUSEHOLDS	4,420	5,667	6,402	6,910	7,503	8,061	8,502	8,938	9,537	10,275	10,686	11,455	11,980
Direct Impact As % Increase Over Baseline	0	0	0	0	0	0	1	1	1	1	1	1	1
Total Influx As % Increase Over Baseline	0	0	0	0	1	1	1	1	1	1	1	1	1

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:09:26

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE RAILBELT PORTION OF THE YUKON-KOYUKUK BOROUGH

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED IMPACT													

Direct Construction	0	0	0	0	151	199	183	262	302	391	382	358	324
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	151	199	183	262	302	391	382	358	324
Support Construction	0	0	0	0	19	23	22	30	34	45	44	40	36
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	19	23	22	30	34	45	44	40	36
Total Project	0	0	0	0	170	222	205	292	336	436	426	398	360

BASELINE PROJECTION	698	704	716	728	741	754	768	781	795	809	823	838	853

TOTAL HOUSEHOLDS	698	704	716	728	911	976	973	1,073	1,131	1,245	1,249	1,236	1,213
=====													
Direct Impact As % Increase Over Basel.	0	0	0	0	20	26	24	34	38	48	46	43	38
Total Influx As % Increase Over Basel.	0	0	0	0	23	29	27	37	42	54	52	48	42

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:09:32

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN CANTWELL

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	105	138	107	152	176	228	223	209	190
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	105	138	107	152	176	228	223	209	190
Support Construction	0	0	0	0	15	19	16	22	25	33	32	29	26
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	15	19	16	22	25	33	32	29	26
Total Project	0	0	0	0	120	157	123	174	201	261	255	238	216
BASELINE PROJECTION	68	68	81	82	83	84	85	86	87	88	89	90	91
TOTAL HOUSEHOLDS	68	68	81	82	203	241	208	260	288	349	344	328	307
Direct Impact As % Increase Over Baseline	0	0	0	0	127	164	126	177	202	259	251	232	209
Total Influx As % Increase Over Baseline	0	0	0	0	145	187	145	202	231	297	287	264	237

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:09:38

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN MCKINLEY PARK

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	20	26	33	47	55	70	69	64	58
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	20	26	33	47	55	70	69	64	58
Support Construction	0	0	0	0	2	2	2	3	3	5	5	4	4
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	2	2	2	3	3	5	5	4	4
Total Project	0	0	0	0	22	28	35	50	58	75	74	68	62
BASELINE PROJECTION	10	11	11	12	12	12	12	13	13	14	14	14	15
TOTAL HOUSEHOLDS	10	11	11	12	34	40	47	63	71	89	88	82	77
Direct Impact As % Increase Over Baseline	0	0	0	0	167	217	275	362	423	500	493	457	387
Total Influx As % Increase Over Baseline	0	0	0	0	183	233	292	385	446	536	529	486	413

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:09:43

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE CITY OF NENANA

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	8	11	14	21	23	30	29	27	24
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	8	11	14	21	23	30	29	27	24
Support Construction	0	0	0	0	1	1	2	2	2	3	3	2	2
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	1	1	2	2	2	3	3	2	2
Total Project	0	0	0	0	9	12	16	23	25	33	32	29	26
BASELINE PROJECTION	168	172	176	180	185	190	195	200	205	210	215	221	226
TOTAL HOUSEHOLDS	168	172	176	180	194	202	211	223	230	243	247	250	252
Direct Impact As % Increase Over Baseline	0	0	0	0	4	6	7	11	11	14	14	12	11
Total Influx As % Increase Over Baseline	0	0	0	0	5	6	8	12	12	16	15	13	12

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:09:49

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN HEALY

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	18	24	29	42	48	63	61	58	52
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	18	24	29	42	48	63	61	58	52
Support Construction	0	0	0	0	2	2	2	3	4	5	5	4	4
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	2	2	2	3	4	5	5	4	4
Total Project	0	0	0	0	20	26	31	45	52	68	66	62	56
BASELINE PROJECTION	109	112	115	118	122	125	129	133	137	141	145	149	153
TOTAL HOUSEHOLDS	109	112	115	118	142	151	160	178	189	209	211	211	209
Direct Impact As % Increase Over Basel.	0	0	0	0	15	19	23	32	35	45	42	39	34
Total Influx As % Increase Over Basel.	0	0	0	0	16	21	24	34	38	48	46	42	37

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:09:55

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE MUNICIPALITY OF ANCHORAGE

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	-117	-161	-339	-387	-412	-496	-476	-390	-237
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	-117	-161	-339	-387	-412	-496	-476	-390	-237
Support Construction	0	0	0	0	168	215	275	390	444	559	545	508	449
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	85
Subtotal Support	0	0	0	0	168	215	275	390	444	559	545	508	534
Total Project	0	0	0	0	51	54	-64	3	32	63	69	118	297
BASELINE PROJECTION	60,137	66,002	68,578	70,352	72,331	74,043	74,783	75,339	76,987	79,232	79,383	81,512	82,183
TOTAL HOUSEHOLDS	60,137	66,002	68,578	70,352	72,382	74,097	74,719	75,342	77,019	79,295	79,452	81,630	82,480
Direct Impact As % Increase Over Baseline	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	0
Total Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:10:00

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE FAIRBANKS-NORTH STAR BOROUGH

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	-48	-68	-117	-155	-173	-175	-161	-153	-98
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	-48	-68	-117	-155	-173	-175	-161	-153	-98
Support Construction	0	0	0	0	29	38	51	67	76	103	101	94	83
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	29	38	51	67	76	103	101	94	83
Total Project	0	0	0	0	-19	-30	-66	-88	-97	-72	-60	-59	-15
BASELINE PROJECTION	19,407	21,752	22,200	22,777	23,347	23,908	24,422	24,701	25,198	26,033	26,307	26,744	27,423
TOTAL HOUSEHOLDS	19,407	21,752	22,200	22,777	23,328	23,878	24,356	24,613	25,101	25,961	26,247	26,685	27,408
Direct Impact As % Increase Over Baseline	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	0
Total Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:10:06

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN MUNICIPALITY OF FAIRBANKS

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	-21	-31	-54	-73	-83	-84	-78	-76	-49
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	-21	-31	-54	-73	-83	-84	-78	-76	-49
Support Construction	0	0	0	0	14	18	25	33	37	51	50	47	41
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	14	18	25	33	37	51	50	47	41
Total Project	0	0	0	0	-7	-13	-29	-40	-46	-33	-28	-29	-8
BASELINE PROJECTION													
TOTAL HOUSEHOLDS	9,124	10,481	10,801	11,186	11,575	11,968	12,340	12,599	12,979	13,537	13,811	14,177	14,678
Direct Impact As % Increase Over Baseline	0	0	0	0	0	0	0	-1	-1	-1	-1	-1	0
Total Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:10:12

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE SOUTHEAST FAIRBANKS BOROUGH

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	1	1	2	3	3	4	4	3	2
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	1	1	2	3	3	4	4	3	2
Support Construction	0	0	0	0	0	0	1	1	1	1	1	1	1
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	0	0	1	1	1	1	1	1	1
Total Project	0	0	0	0	1	1	3	4	4	5	5	4	3
BASELINE PROJECTION	1,857	2,165	2,209	2,266	2,323	2,379	2,430	2,458	2,507	2,590	2,618	2,661	2,729
TOTAL HOUSEHOLDS	1,857	2,165	2,209	2,266	2,324	2,380	2,433	2,462	2,511	2,595	2,623	2,665	2,732
Direct Impact As % Increase Over Basel.	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Basel.	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:10:17

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE KENAI-COOK INLET CENSUS DIVISION

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	-23	-32	-67	-77	-82	-98	-94	-78	-47
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	-23	-32	-67	-77	-82	-98	-94	-78	-47
Support Construction	0	0	0	0	13	16	22	29	33	44	43	40	36
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	13	16	22	29	33	44	43	40	36
Total Project	0	0	0	0	-10	-16	-45	-48	-49	-54	-51	-38	-11
BASELINE PROJECTION	7,995	8,203	8,513	8,953	9,438	9,905	10,250	10,584	11,079	11,683	11,988	12,610	13,023
TOTAL HOUSEHOLDS	7,995	8,203	8,513	8,953	9,428	9,889	10,205	10,536	11,030	11,629	11,937	12,572	13,012
Direct Impact As % Increase Over Baseline	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	0
Total Influx As % Increase Over Baseline	0	0	0	0	0	0	0	-1	0	-1	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:10:23

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE SEWARD CENSUS DIVISION

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	-1	-1	-1	-1	-2	-2	-2	-1	0
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	-1	-1	-1	-1	-2	-2	-2	-1	0
Support Construction	0	0	0	0	0	0	0	0	0	0	0	0	0
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Project	0	0	0	0	-1	-1	-1	-1	-2	-2	-2	-1	0
BASELINE PROJECTION	970	999	1,022	1,058	1,100	1,137	1,160	1,182	1,220	1,269	1,284	1,333	1,359
TOTAL HOUSEHOLDS	970	999	1,022	1,058	1,099	1,136	1,159	1,181	1,218	1,267	1,282	1,332	1,359
Direct Impact As % Increase Over Basel.	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Basel.	0	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:10:28

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE VALDEZ-CHITINA-WHITTIER DIVISION

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	5	6	6	8	9	10	10	8	4
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	5	6	6	8	9	10	10	8	4
Support Construction	0	0	0	0	5	7	10	12	14	18	17	16	15
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	5	7	10	12	14	18	17	16	15
Total Project	0	0	0	0	10	13	16	20	23	28	27	24	19
BASELINE PROJECTION													
TOTAL HOUSEHOLDS	2,689	2,984	3,925	4,019	4,096	3,815	4,061	4,244	4,310	4,371	4,440	4,557	4,669
Direct Impact As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Baseline	0	0	0	0	0	0	0	1	1	1	1	1	0

Source: Frank Orth & Associates, Inc., 1983.

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE LOCAL IMPACT AREA

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED IMPACT													

Direct Construction	0	0	0	0	255	332	703	853	935	1,103	1,085	1,040	905
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	70

Subtotal Direct	0	0	0	0	255	332	703	853	935	1,103	1,085	1,040	975

Support Construction	0	0	0	0	54	68	80	114	129	167	164	149	134
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	3

Subtotal Support	0	0	0	0	54	68	80	114	129	167	164	149	137

Total Project	0	0	0	0	309	400	783	967	1,064	1,270	1,249	1,189	1,112

BASELINE PROJECTION	7,508	9,368	10,327	11,090	11,927	12,759	13,468	14,168	15,096	16,184	16,901	18,058	18,956

TOTAL HOUSEHOLDS	7,508	9,368	10,327	11,090	12,236	13,159	14,251	15,135	16,160	17,454	18,150	19,247	20,068
=====													
Direct Impact As % Increase Over Basel.	0	0	0	0	2	3	5	6	6	7	6	6	5
Total Influx As % Increase Over Basel.	0	0	0	0	3	3	6	7	7	8	7	7	6

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 03/02/84 AT 17:25:41

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE RAILBELT REGION

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED IMPACT	-----												
Direct Construction	0	0	0	0	72	77	187	244	278	346	366	429	529
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	70
Subtotal Direct	0	0	0	0	72	77	187	244	278	346	366	429	599
Support Construction	0	0	0	0	314	401	516	720	818	1,046	1,021	949	842
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	88
Subtotal Support	0	0	0	0	314	401	516	720	818	1,046	1,021	949	930
Total Project	0	0	0	0	386	478	703	964	1,096	1,392	1,387	1,378	1,529

BASELINE PROJECTION	100,563	111,473	116,774	120,515	124,562	127,946	130,574	132,676	136,397	141,362	142,921	147,475	150,342

TOTAL HOUSEHOLDS	100,563	111,473	116,774	120,515	124,948	128,424	131,277	133,640	137,493	142,754	144,308	148,853	151,871
=====													
Direct Impact As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Baseline	0	0	0	0	0	0	1	1	1	1	1	1	1

Source: Frank Orth & Associates, Inc., 1983.

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE STATE OF ALASKA

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	72	77	187	244	278	346	366	429	529
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	70
Subtotal Direct	0	0	0	0	72	77	187	244	278	346	366	429	599
Support Construction	0	0	0	0	314	401	516	720	818	1,046	1,021	949	842
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	88
Subtotal Support	0	0	0	0	314	401	516	720	818	1,046	1,021	949	930
Total Project	0	0	0	0	386	478	703	964	1,096	1,392	1,387	1,378	1,529
BASELINE PROJECTION													
	139,982	145,434	153,122	159,137	165,311	171,196	175,638	179,313	183,737	189,683	192,248	199,878	204,767
TOTAL HOUSEHOLDS													
	139,982	145,434	153,122	159,137	165,697	171,674	176,341	180,277	184,833	191,075	193,635	201,256	206,296
Direct Impact As % Increase Over Basel.	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Basel.	0	0	0	0	0	0	0	1	1	1	1	1	1

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 03/02/84 AT 17:25:52

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN MATANUSKA-SUSITNA BOROUGH COMMUNITIES

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED IMPACT													
Direct Construction	0	0	0	0	104	133	170	241	283	362	353	332	301
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	104	133	170	241	283	362	353	332	301
Support Construction	0	0	0	0	25	31	39	58	66	85	83	76	69
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0	3
Subtotal Support	0	0	0	0	25	31	39	58	66	85	83	76	72
Total Project	0	0	0	0	129	164	209	299	349	447	436	408	373
BASELINE PROJECTION	6,831	8,668	9,616	10,362	11,186	12,005	12,700	13,387	14,301	15,375	16,078	17,220	18,103
TOTAL HOUSEHOLDS	6,831	8,668	9,616	10,362	11,315	12,169	12,909	13,686	14,650	15,822	16,514	17,628	18,476
Direct Impact As % Increase Over Basel.	0	0	0	0	1	1	1	2	2	2	2	2	2
Total Influx As % Increase Over Basel.	0	0	0	0	1	1	2	2	2	3	3	2	2

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:11:06

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE MATANUSKA-SUSITNA BOROUGH

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	498	432	498	508	517	521	513	499	321	275	275	275
Direct Operations	145	145	145	145	145	145	145	145	170	170	170	170
Subtotal Direct	643	577	643	653	662	666	658	644	491	445	445	445
Support Construction	65	63	65	68	71	71	70	66	60	59	59	59
Support Operations	7	7	7	7	7	7	7	7	9	9	9	9
Subtotal Support	72	70	72	75	78	78	77	73	69	68	68	68
Total Project	715	647	715	728	740	744	735	717	560	513	513	513
BASELINE PROJECTION	18,921	19,678	20,542	21,468	22,386	23,336	24,342	25,376	26,454	27,599	28,807	30,066
TOTAL HOUSEHOLDS	19,636	20,325	21,257	22,196	23,126	24,080	25,077	26,093	27,014	28,112	29,320	30,579
Direct Impact As % Increase Over Baseline	3	3	3	3	3	3	3	3	2	2	2	2
Total Influx As % Increase Over Baseline	4	3	4	3	3	3	3	3	2	2	2	2

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:11:12

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE CITY OF PALMER

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED IMPACT	-----											
Direct Construction	25	24	25	26	27	27	27	25	24	24	24	24
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	25	24	25	26	27	27	27	25	24	24	24	24
Support Construction	4	4	4	4	4	4	4	4	3	3	3	3
Support Operations	1	1	1	1	1	1	1	1	1	1	1	1
Subtotal Support	5	5	5	5	5	5	5	5	4	4	4	4
Total Project	30	29	30	31	32	32	32	30	28	28	28	28

BASELINE PROJECTION	1,700	1,762	1,824	1,890	1,958	2,028	2,101	2,177	2,255	2,336	2,419	2,507

TOTAL HOUSEHOLDS	1,730	1,791	1,854	1,921	1,990	2,060	2,133	2,207	2,283	2,364	2,447	2,535
=====												
Direct Impact As % Increase Over Basel.	2	1	1	1	1	1	1	1	1	1	1	1
Total Influx As % Increase Over Basel.	2	2	2	2	2	2	2	1	1	1	1	1

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:11:18

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE CITY OF WASILLA

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	30	29	30	30	31	31	31	30	28	27	27	27
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	30	29	30	30	31	31	31	30	28	27	27	27
Support Construction	4	4	4	4	4	4	4	4	3	3	3	3
Support Operations	1	1	1	1	1	1	1	1	1	1	1	1
Subtotal Support	5	5	5	5	5	5	5	5	4	4	4	4
Total Project	35	34	35	35	36	36	36	35	32	31	31	31
BASELINE PROJECTION	2,191	2,365	2,553	2,755	2,974	3,210	3,467	3,742	4,039	4,361	4,707	5,082
TOTAL HOUSEHOLDS	2,226	2,399	2,588	2,790	3,010	3,246	3,503	3,777	4,071	4,392	4,738	5,113
Direct Impact As % Increase Over Baseline	1	1	1	1	1	1	1	1	1	1	1	1
Total Influx As % Increase Over Baseline	2	1	1	1	1	1	1	1	1	1	1	1

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:11:23

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE CITY OF HOUSTON

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	29	28	29	30	30	31	30	29	27	27	27	27
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	29	28	29	30	30	31	30	29	27	27	27	27
Support Construction	2	2	2	2	2	2	2	2	2	2	2	2
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	2	2	2	2	2	2	2	2	2	2	2	2
Total Project	31	30	31	32	32	33	32	31	29	29	29	29
BASELINE PROJECTION	603	664	731	804	885	975	1,073	1,181	1,300	1,432	1,576	1,735
TOTAL HOUSEHOLDS	634	694	762	836	917	1,008	1,105	1,212	1,329	1,461	1,605	1,764
Direct Impact As % Increase Over Baseline	5	4	4	4	3	3	3	3	2	2	2	2
Total Influx As % Increase Over Baseline	5	5	4	4	4	3	3	3	2	2	2	2

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:11:33

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN TALKEETNA

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	43	42	43	45	46	47	45	44	41	41	41	41
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	43	42	43	45	46	47	45	44	41	41	41	41
Support Construction	8	7	8	8	9	9	9	8	7	7	7	7
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	8	7	8	8	9	9	9	8	7	7	7	7
Total Project	51	49	51	53	55	56	54	52	48	48	48	48
BASELINE PROJECTION	185	195	206	217	230	242	255	270	284	300	317	334
TOTAL HOUSEHOLDS	236	244	257	270	285	298	309	322	332	348	365	382
Direct Impact As % Increase Over Baseline	23	22	21	21	20	19	18	16	14	14	13	12
Total Influx As % Increase Over Baseline	28	25	25	24	24	23	21	19	17	16	15	14

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:11:53

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN TRAPPER CREEK

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	50	48	50	51	53	54	52	50	47	47	47	47
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	50	48	50	51	53	54	52	50	47	47	47	47
Support Construction	24	23	24	26	26	27	26	24	22	22	22	22
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	24	23	24	26	26	27	26	24	22	22	22	22
Total Project	74	71	74	77	79	81	78	74	69	69	69	69
BASELINE PROJECTION	115	121	126	132	138	145	151	158	165	173	181	189
TOTAL HOUSEHOLDS	189	192	200	209	217	226	229	232	234	242	250	258
Direct Impact As % Increase Over Basel.	44	40	40	39	38	37	34	32	29	27	26	25
Total Influx As % Increase Over Basel.	64	59	59	58	57	56	52	47	42	40	38	37

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:12:04

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE RURAL/REMOTE AREAS OF THE MATANUSKA-SUSITNA BOROUGH

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	36	35	36	38	39	39	38	36	35	34	34	34
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	36	35	36	38	39	39	38	36	35	34	34	34
Support Construction	4	4	4	5	5	5	5	5	4	4	4	4
Support Operations	0	0	0	0	0	0	0	0	1	1	1	1
Subtotal Support	4	4	4	5	5	5	5	5	5	5	5	5
Total Project	40	39	40	43	44	44	43	41	40	39	39	39
BASELINE PROJECTION	1,776	1,834	1,900	1,972	2,040	2,108	2,178	2,248	2,320	2,394	2,471	2,548
TOTAL HOUSEHOLDS	1,816	1,873	1,940	2,015	2,084	2,152	2,221	2,289	2,360	2,433	2,510	2,587
Direct Impact As % Increase Over Basel.	2	2	2	2	2	2	2	2	2	1	1	1
Total Influx As % Increase Over Basel.	2	2	2	2	2	2	2	2	2	2	2	2

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:12:10

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE SUBURBAN AREA OF THE MATANUSKA-SUSITNA BOROUGH

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	79	78	79	82	85	86	84	79	75	75	75	75
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	79	78	79	82	85	86	84	79	75	75	75	75
Support Construction	19	19	19	20	21	21	20	19	18	17	17	17
Support Operations	5	5	5	5	5	5	5	5	6	6	6	6
Subtotal Support	24	24	24	25	26	26	25	24	24	23	23	23
Total Project	103	102	103	107	111	112	109	103	99	98	98	98
BASELINE PROJECTION	12,340	12,734	13,196	13,695	14,164	14,636	15,121	15,608	16,100	16,615	17,138	17,672
TOTAL HOUSEHOLDS	12,443	12,836	13,299	13,802	14,275	14,748	15,230	15,711	16,199	16,713	17,236	17,770
Direct Impact As % Increase Over Basel.	1	1	1	1	1	1	1	1	1	1	0	0
Total Influx As % Increase Over Basel.	1	1	1	1	1	1	1	1	1	1	1	1

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:12:16

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE RAILBELT PORTION OF THE YUKON-KOYUKUK BOROUGH

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												

Direct Construction	312	306	312	325	334	338	333	314	298	296	296	296
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	312	306	312	325	334	338	333	314	298	296	296	296

Support Construction	35	33	35	36	37	40	39	36	32	31	31	31
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	35	33	35	36	37	40	39	36	32	31	31	31

Total Project	347	339	347	361	371	378	372	350	330	327	327	327

BASELINE PROJECTION	868	883	899	915	931	948	965	982	1,000	1,018	1,036	1,055

TOTAL HOUSEHOLDS	1,215	1,222	1,246	1,276	1,302	1,326	1,337	1,332	1,330	1,345	1,363	1,382

Direct Impact As % Increase Over Basel.	36	35	35	36	36	36	35	32	30	29	29	28
Total Influx As % Increase Over Basel.	40	38	39	40	40	40	39	36	33	32	32	31

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:12:22

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN CANTWELL

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	183	179	183	191	196	198	195	183	174	173	173	173
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	183	179	183	191	196	198	195	183	174	173	173	173
Support Construction	25	24	25	26	27	29	29	26	23	22	22	22
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	25	24	25	26	27	29	29	26	23	22	22	22
Total Project	208	203	208	217	223	227	224	209	197	195	195	195
BASELINE PROJECTION	92	93	94	95	96	98	99	100	101	102	104	105
TOTAL HOUSEHOLDS	300	296	302	312	319	325	323	309	298	297	299	300
Direct Impact As % Increase Over Basel.	199	193	195	201	204	202	197	183	172	170	166	165
Total Influx As % Increase Over Basel.	226	218	221	228	232	232	226	209	195	191	188	186

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:12:28

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN MCKINLEY PARK

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	55	55	55	58	59	60	59	56	53	52	52	52
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	55	55	55	58	59	60	59	56	53	52	52	52
Support Construction	4	4	4	4	4	4	4	4	3	3	3	3
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	4	4	4	4	4	4	4	4	3	3	3	3
Total Project	59	59	59	62	63	64	63	60	56	55	55	55
BASELINE PROJECTION	15	16	16	17	17	17	18	19	19	20	20	21
TOTAL HOUSEHOLDS	74	75	75	79	80	81	81	79	75	75	75	76
Direct Impact As % Increase Over Basel.	367	344	344	341	347	353	328	295	279	260	260	248
Total Influx As % Increase Over Basel.	393	369	369	365	371	377	350	316	295	275	275	262

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:12:34

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE CITY OF NENANA

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	24	23	24	24	26	26	26	24	23	23	23	23
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	24	23	24	24	26	26	26	24	23	23	23	23
Support Construction	2	2	2	2	2	2	2	2	2	2	2	2
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	2	2	2	2	2	2	2	2	2	2	2	2
Total Project	26	25	26	26	28	28	28	26	25	25	25	25
BASELINE PROJECTION	232	238	244	251	257	264	270	277	284	292	299	307
TOTAL HOUSEHOLDS	258	263	270	277	285	292	298	303	309	317	324	332
Direct Impact As % Increase Over Basel.	10	10	10	10	10	10	10	9	8	8	8	8
Total Influx As % Increase Over Basel.	11	11	11	10	11	11	10	9	9	9	8	8

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:12:39

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SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN HEALY

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	50	49	50	52	53	54	53	51	48	48	48	48
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	50	49	50	52	53	54	53	51	48	48	48	48
Support Construction	4	3	4	4	4	4	4	4	3	3	3	3
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	4	3	4	4	4	4	4	4	3	3	3	3
Total Project	54	52	54	56	57	58	57	55	51	51	51	51
BASELINE PROJECTION	158	163	167	172	177	182	188	193	199	205	211	218
TOTAL HOUSEHOLDS	212	215	221	228	234	240	245	248	250	256	262	269
Direct Impact As % Increase Over Basel.	32	30	30	30	30	30	28	26	24	23	23	22
Total Influx As % Increase Over Basel.	34	32	32	33	32	32	30	29	26	25	24	23

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:12:54

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE MUNICIPALITY OF ANCHORAGE

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED IMPACT	-----											
Direct Construction	-157	-106	-157	-209	-238	-248	-231	-169	-31	1	1	1
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	-157	-106	-157	-209	-238	-248	-231	-169	-31	1	1	1
Support Construction	427	412	426	450	469	475	464	431	398	391	391	391
Support Operations	177	177	177	190	190	190	190	190	223	223	223	223
Subtotal Support	604	589	603	640	659	665	654	621	621	614	614	614
Total Project	447	483	446	431	421	417	423	452	590	615	615	615

BASELINE PROJECTION	82,490	82,406	82,650	83,060	83,356	83,634	83,978	84,334	84,724	85,240	85,773	86,359

TOTAL HOUSEHOLDS	82,937	82,889	83,096	83,491	83,777	84,051	84,401	84,786	85,314	85,855	86,388	86,974
=====												
Direct Impact As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Baseline	1	1	1	1	1	1	1	1	1	1	1	1

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:13:10

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE FAIRBANKS-NORTH STAR BOROUGH

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED IMPACT	-----											
Direct Construction	-61	-45	-59	-75	-98	-100	-90	-54	-12	2	2	2
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	-61	-45	-59	-75	-98	-100	-90	-54	-12	2	2	2
Support Construction	79	76	79	83	86	87	86	80	74	72	72	72
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	79	76	79	83	86	87	86	80	74	72	72	72
Total Project	18	31	20	8	-12	-13	-4	26	62	74	74	74

BASELINE PROJECTION	28,110	28,270	28,565	28,912	29,201	29,500	29,853	30,221	30,603	30,993	31,401	31,847

TOTAL HOUSEHOLDS	28,128	28,301	28,585	28,920	29,189	29,487	29,849	30,247	30,665	31,067	31,475	31,921
=====												
Direct Impact As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:13:15

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN MUNICIPALITY OF FAIRBANKS

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	-30	-23	-30	-39	-52	-54	-49	-30	-6	2	2	2
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	-30	-23	-30	-39	-52	-54	-49	-30	-6	2	2	2
Support Construction	40	38	40	42	43	44	43	40	36	36	36	36
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	40	38	40	42	43	44	43	40	36	36	36	36
Total Project	10	15	10	3	-9	-10	-6	10	30	38	38	38
BASELINE PROJECTION	15,189	15,427	15,737	16,081	16,404	16,733	17,096	17,481	17,874	18,275	18,702	19,153
TOTAL HOUSEHOLDS	15,199	15,442	15,747	16,084	16,395	16,723	17,090	17,491	17,904	18,313	18,740	19,191
Direct Impact As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:13:21

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE SOUTHEAST FAIRBANKS BOROUGH

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	1	1	1	1	2	2	2	1	0	0	0	0
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	1	1	1	1	2	2	2	1	0	0	0	0
Support Construction	1	1	1	1	1	1	1	1	1	1	1	1
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	1	1	1	1	1	1	1	1	1	1	1	1
Total Project	2	2	2	2	3	3	3	2	1	1	1	1
BASELINE PROJECTION												
TOTAL HOUSEHOLDS	2,797	2,813	2,843	2,877	2,905	2,935	2,970	3,007	3,045	3,084	3,125	3,169
	2,799	2,815	2,845	2,879	2,908	2,938	2,973	3,009	3,046	3,085	3,126	3,170
Direct Impact As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:13:26

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE KENAI-COOK INLET CENSUS DIVISION

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	-31	-21	-31	-42	-48	-49	-46	-34	-7	0	0	0
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	-31	-21	-31	-42	-48	-49	-46	-34	-7	0	0	0
Support Construction	34	33	34	36	37	37	37	34	32	31	31	31
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	34	33	34	36	37	37	37	34	32	31	31	31
Total Project	3	12	3	-6	-11	-12	-9	0	25	31	31	31
BASELINE PROJECTION	13,384	13,688	14,058	14,466	14,859	15,259	15,685	16,125	16,582	17,064	17,575	18,111
TOTAL HOUSEHOLDS	13,387	13,700	14,061	14,460	14,848	15,247	15,676	16,125	16,607	17,095	17,606	18,142
Direct Impact As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:13:51

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE SEWARD CENSUS DIVISION

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	0	0	0	0	0	0	0	0	0	0	0	0
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	0	0	0	0	0	0	0	0	0	0	0	0
Support Construction	0	0	0	0	0	0	0	0	0	0	0	0
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	0	0	0	0	0	0	0	0	0	0	0	0
Total Project	0	0	0	0	0	0	0	0	0	0	0	0
BASELINE PROJECTION	1,378	1,392	1,412	1,435	1,456	1,477	1,500	1,524	1,549	1,575	1,604	1,634
TOTAL HOUSEHOLDS	1,378	1,392	1,412	1,435	1,456	1,477	1,500	1,524	1,549	1,575	1,604	1,634
Direct Impact As % Increase Over Basel.	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Basel.	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

ECON/HOHIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:13:57

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE VALDEZ-CHITINA-WHITTIER DIVISION

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	2	2	2	4	4	4	4	2	0	0	0	0
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	2	2	2	4	4	4	4	2	0	0	0	0
Support Construction	14	13	14	15	15	15	15	14	12	12	12	12
Support Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Support	14	13	14	15	15	15	15	14	12	12	12	12
Total Project	16	15	16	19	19	19	19	16	12	12	12	12
BASELINE PROJECTION	4,774	4,888	5,007	5,137	5,277	5,414	5,557	5,701	5,848	6,001	6,158	6,319
TOTAL HOUSEHOLDS	4,790	4,903	5,023	5,156	5,296	5,433	5,576	5,717	5,860	6,013	6,170	6,331
Direct Impact As % Increase Over Basel.	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Basel.	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc., 1983.

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE LOCAL IMPACT AREA

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	810	738	810	833	851	859	846	813	619	571	571	571
Direct Operations	145	145	145	145	145	145	145	145	170	170	170	170
Subtotal Direct	955	883	955	978	996	1,004	991	958	789	741	741	741
Support Construction	129	124	129	134	139	143	140	131	118	116	116	116
Support Operations	7	7	7	7	7	7	7	7	9	9	9	9
Subtotal Support	136	131	136	141	146	150	147	138	127	125	125	125
Total Project	1,091	1,014	1,091	1,119	1,142	1,154	1,138	1,096	916	866	866	866
BASELINE PROJECTION	19,789	20,561	21,441	22,383	23,317	24,284	25,307	26,358	27,454	28,617	29,843	31,121
TOTAL HOUSEHOLDS	20,880	21,575	22,532	23,502	24,459	25,438	26,445	27,454	28,370	29,483	30,709	31,987
Direct Impact As % Increase Over Basel.	5	4	5	4	4	4	4	4	3	3	3	2
Total Influx As % Increase Over Basel.	6	5	5	5	5	5	5	4	3	3	3	3

Source: Frank Orth & Associates, Inc., 1983.

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE RAILBELT REGION

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED IMPACT	-----											
Direct Construction	564	569	566	512	473	468	485	559	569	574	574	574
Direct Operations	145	145	145	145	145	145	145	145	170	170	170	170
Subtotal Direct	709	714	711	657	618	613	630	704	739	744	744	744
Support Construction	801	772	800	843	877	888	871	810	745	731	731	731
Support Operations	184	184	184	197	197	197	197	197	232	232	232	232
Subtotal Support	985	956	984	1,040	1,074	1,085	1,068	1,007	977	963	963	963
Total Project	1,694	1,670	1,695	1,697	1,692	1,698	1,698	1,711	1,716	1,707	1,707	1,707

BASELINE PROJECTION	152,722	154,018	155,976	158,270	160,371	162,503	164,850	167,270	169,805	172,574	175,479	178,560

TOTAL HOUSEHOLDS	154,416	155,688	157,671	159,967	162,063	164,201	166,548	168,981	171,521	174,281	177,186	180,267
=====												
Direct Impact As % Increase Over Baseline	1	1	1	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Baseline	1	1	1	1	1	1	1	1	1	1	1	1

Source: Frank Orth & Associates, Inc., 1983.

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN THE STATE OF ALASKA

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	564	569	566	512	473	468	485	559	569	574	574	574
Direct Operations	145	145	145	145	145	145	145	145	170	170	170	170
Subtotal Direct	709	714	711	657	618	613	630	704	739	744	744	744
Support Construction	801	772	800	843	877	888	871	810	745	731	731	731
Support Operations	184	184	184	197	197	197	197	197	232	232	232	232
Subtotal Support	985	956	984	1,040	1,074	1,085	1,068	1,007	977	963	963	963
Total Project	1,694	1,670	1,695	1,697	1,692	1,698	1,698	1,711	1,716	1,707	1,707	1,707
BASELINE PROJECTION	207,667	210,442	213,516	216,441	219,177	221,849	224,742	227,669	230,740	234,102	237,668	241,443
TOTAL HOUSEHOLDS	209,361	212,112	215,211	218,138	220,869	223,547	226,440	229,380	232,456	235,809	239,375	243,150
Direct Impact As % Increase Over Baseline	0	0	0	0	0	0	0	0	0	0	0	0
Total Influx As % Increase Over Baseline	1	1	1	1	1	1	1	1	1	1	1	1

Source: Frank Orth & Associates, Inc., 1983.

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON NUMBER OF HOUSEHOLDS
 IN MATANUSKA-SUSITNA BOROUGH COMMUNITIES

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED IMPACT												
Direct Construction	292	284	292	302	311	315	307	293	277	275	275	275
Direct Operations	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal Direct	292	284	292	302	311	315	307	293	277	275	275	275
Support Construction	65	63	65	69	71	72	70	66	59	58	58	58
Support Operations	7	7	7	7	7	7	7	7	9	9	9	9
Subtotal Support	72	70	72	76	78	79	77	73	68	67	67	67
Total Project	364	354	364	378	389	394	384	366	345	342	342	342
BASELINE PROJECTION												
	18,921	19,678	20,542	21,468	22,386	23,336	24,342	25,376	26,454	27,599	28,807	30,066
TOTAL HOUSEHOLDS	19,285	20,032	20,906	21,846	22,775	23,730	24,726	25,742	26,799	27,941	29,149	30,408
Direct Impact As % Increase Over Baseline												
	2	1	1	1	1	1	1	1	1	1	1	1
Total Influx As % Increase Over Baseline												
	2	2	2	2	2	2	2	1	1	1	1	1

Source: Frank Orth & Associates, Inc., 1983.

SUSITNA HYDROELECTRIC PROJECT
SOCIOECONOMIC IMPACT STUDY
IMPACT OF THE PROJECT ON HOUSING UNITS
IN THE MATANUSKA-SUSITNA BOROUGH

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND	-----												
Total Project	0	0	0	0	127	162	560	649	699	797	786	758	722

BASELINE DEMAND	-----												
Baseline Households	6,810	8,664	9,611	10,362	11,186	12,005	12,700	13,387	14,301	15,375	16,078	17,220	18,103

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----												
Pro. + Basel. Hsehds	6,810	8,664	9,611	10,362	11,313	12,167	13,260	14,036	15,000	16,172	16,864	17,978	18,825

BASELINE SUPPLY	-----												
Baseline Hse. Units	8,582	12,013	13,404	14,148	15,048	15,960	16,725	17,478	18,484	19,674	20,435	21,789	22,826
=====													
SUPPLY - DEMAND	-----												
Vacant Hse. Units	1,772	3,349	3,793	3,786	3,735	3,793	3,465	3,442	3,484	3,502	3,571	3,811	4,001

Vacant Units As A % Of Baseline Housing Units	-----												
Vacancy Rate*	21	28	28	27	25	24	21	20	19	18	18	18	18

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:14:55

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE CITY OF PALMER

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND	-----												
Total Project	0	0	0	0	11	13	17	24	27	36	35	32	30

BASELINE DEMAND	-----												
Baseline Households	783	817	944	1,007	1,073	1,143	1,219	1,299	1,385	1,476	1,529	1,584	1,641

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----												
Pro. + Basel. Hsehds	783	817	944	1,007	1,084	1,156	1,236	1,323	1,412	1,512	1,564	1,616	1,671

BASELINE SUPPLY	-----												
Baseline Hse. Units	872	883	970	1,035	1,103	1,175	1,253	1,335	1,423	1,517	1,571	1,628	1,687
=====													
SUPPLY - DEMAND	-----												
Vacant Hse. Units	89	66	26	28	19	19	17	12	11	5	7	12	16

Vacant Units As A % Of Baseline Housing Units	-----												
Vacancy Rate*	10	8	3	3	2	2	1	1	1	0	0	1	1

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:14:59

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE CITY OF WASILLA

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND	-----												
Total Project	0	0	0	0	12	16	19	28	33	41	40	38	34

BASELINE DEMAND													

Baseline Households	670	792	947	1,022	1,102	1,190	1,284	1,386	1,496	1,615	1,743	1,881	2,030

TOTAL PROJECT-RELATED AND													
BASELINE HOUSING DEMAND													

Pro. + Basel. Hsehds	670	792	947	1,022	1,114	1,206	1,303	1,414	1,529	1,656	1,783	1,919	2,064

BASELINE SUPPLY													

Baseline Hse. Units	718	896	1,166	1,167	1,258	1,358	1,466	1,582	1,708	1,844	1,990	2,147	2,317
=====													
SUPPLY - DEMAND													

Vacant Hse. Units	48	104	219	145	144	152	163	168	179	188	207	228	253

Vacant Units As A % Of													
Baseline Housing Units													

Vacancy Rate*	7	12	19	12	11	11	11	11	11	10	10	11	11

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:15:03

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE CITY OF HOUSTON

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND													

Total Project	0	0	0	0	11	14	19	26	29	38	37	36	32
BASELINE DEMAND													

Baseline Households	207	207	210	231	254	280	308	339	373	411	452	498	548

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND													

Pro. + Basel. Hsehds	207	207	210	231	265	294	327	365	402	449	489	534	580
BASELINE SUPPLY													

Baseline Hse. Units	229	229	301	301	317	350	385	423	466	513	564	622	684
=====													
SUPPLY - DEMAND													

Vacant Hse. Units	22	22	91	70	52	56	58	58	64	64	75	88	104
Vacant Units As A % Of Baseline Housing Units													

Vacancy Rate*	10	10	30	23	16	16	15	14	14	13	13	14	15

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN TALKEETNA

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND	-----												
Total Project	0	0	0	0	19	24	30	42	50	65	63	58	52

BASELINE DEMAND	-----												
Baseline Households	89	89	103	108	114	121	127	134	142	149	158	166	175

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----												
Pro. + Basel. Hsehd's	89	89	103	108	133	145	157	176	192	214	221	224	227

BASELINE SUPPLY	-----												
Baseline Hse. Units	107	126	140	140	140	140	146	154	162	170	180	188	198

SUPPLY - DEMAND	-----												
Vacant Hse. Units	18	37	37	32	7	-5	-11	-22	-30	-44	-41	-36	-29

Vacant Units As A % Of Baseline Housing Units	-----												
Vacancy Rate*	17	29	26	23	5	-4	-8	-14	-19	-26	-23	-19	-15

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:15:13

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN TRAPPER CREEK

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND	-----												
Total Project	0	0	0	0	26	34	43	61	73	94	92	85	77

BASELINE DEMAND	-----												
Baseline Households	68	68	71	74	78	81	85	88	92	97	101	106	111

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----												
Pro. + Baseline Hsehds	68	68	71	74	104	115	128	149	165	191	193	191	188

BASELINE SUPPLY	-----												
Baseline Hse. Units	69	69	80	83	87	91	95	98	102	107	112	117	122
=====													
SUPPLY - DEMAND	-----												
Vacant Hse. Units	1	1	9	9	-17	-24	-33	-51	-63	-84	-81	-74	-66

Vacant Units As A % Of Baseline Housing Units	-----												
Vacancy Rate*	1	1	11	11	-20	-26	-35	-52	-62	-79	-72	-63	-54

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:15:17

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE RURAL/REMOTE AREAS OF THE MATANUSKA-SUSITNA BOROUGH

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND													

Total Project	0	0	0	0	15	18	23	34	40	50	48	46	43
BASELINE DEMAND													

Baseline Households	468	935	930	993	1,074	1,153	1,215	1,274	1,358	1,461	1,520	1,633	1,709

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND													

Pro. + Baseline Hsehdhs	468	935	930	993	1,089	1,171	1,238	1,308	1,398	1,511	1,568	1,679	1,752
BASELINE SUPPLY													

Baseline Hse. Units	566	1,985	1,969	1,969	1,969	1,969	1,969	1,969	1,969	1,969	1,969	2,064	2,152
=====													
SUPPLY - DEMAND													

Vacant Hse. Units	98	1,050	1,039	976	880	798	731	661	571	458	401	385	400
Vacant Units As A % Of Baseline Housing Units													

Vacancy Rate*	17	53	53	50	45	41	37	34	29	23	20	19	19

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:15:21

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE SUBURBAN AREAS OF THE MATANUSKA-SUSITNA BOROUGH

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND													

Total Project	0	0	0	0	35	45	58	84	97	123	121	113	105
BASELINE DEMAND													

Baseline Households	4,420	5,667	6,402	6,910	7,468	8,016	8,444	8,854	9,440	10,152	10,565	11,342	11,875

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND													

Pro. + Basel. Hsehds	4,420	5,667	6,402	6,910	7,503	8,061	8,502	8,938	9,537	10,275	10,686	11,455	11,980
BASELINE SUPPLY													

Baseline Hse. Units	5,925	7,825	8,789	9,453	10,174	10,877	11,411	11,917	12,654	13,554	14,049	15,023	15,666
	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
SUPPLY - DEMAND													

Vacant Hse. Units	1,505	2,158	2,387	2,543	2,671	2,816	2,909	2,979	3,117	3,279	3,363	3,568	3,686
Vacant Units As A % Of Baseline Housing Units													

Vacancy Rate*	25	28	27	27	26	26	26	25	25	24	24	24	24

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

SUSITNA HYDROELECTRIC PROJECT
SOCIOECONOMIC IMPACT STUDY
IMPACT OF THE PROJECT ON HOUSING UNITS
IN THE RAILBELT PORTION OF THE YUKON-KOYUKUK BOROUGH

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND	-----												
Total Project	0	0	0	0	170	222	205	292	336	436	426	398	360

BASELINE DEMAND	-----												
Baseline Households	698	704	716	728	741	754	768	781	795	809	823	838	853

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----												
Pro. + Baseline Hsehd's	698	704	716	728	911	976	973	1,073	1,131	1,245	1,249	1,236	1,213

BASELINE SUPPLY	-----												
Baseline Hse. Units	927	935	951	967	984	1,001	1,020	1,037	1,056	1,074	1,093	1,113	1,133
=====													

SUPPLY - DEMAND	-----												
Vacant Hse. Units	229	231	235	239	73	25	47	-36	-75	-171	-156	-123	-80

Vacant Units As A % Of Baseline Housing Units	-----												
Vacancy Rate*	25	25	25	25	7	3	5	-4	-7	-16	-14	-11	-7

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:15:30

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN CANTWELL

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND	-----												
Total Project	0	0	0	0	120	157	123	174	201	261	255	238	216

BASELINE DEMAND	-----												
Baseline Households	68	68	81	82	83	84	85	86	87	88	89	90	91

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----												
Pro. + Baseline Hsehds	68	68	81	82	203	241	208	260	288	349	344	328	307

BASELINE SUPPLY	-----												
Baseline Hse. Units	96	97	126	127	127	128	129	130	130	131	132	133	133
=====													
SUPPLY - DEMAND	-----												
Vacant Hse. Units	28	29	45	45	-76	-113	-79	-130	-158	-218	-212	-195	-174

Vacant Units As A % Of Baseline Housing Units	-----												
Vacancy Rate*	29	30	36	35	-60	-88	-61	-100	-122	-166	-161	-147	-131

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:15:36

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN HEALY

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND	-----												
Total Project	0	0	0	0	20	26	31	45	52	68	66	62	56

BASELINE DEMAND	-----												
Baseline Households	109	112	115	118	122	125	129	133	137	141	145	149	153

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----												
Pro. + Basel. Hsehds	109	112	115	118	142	151	160	178	189	209	211	211	209

BASELINE SUPPLY	-----												
Baseline Hse. Units	145	149	153	157	162	166	171	177	182	187	193	198	203
=====													
SUPPLY - DEMAND	-----												
Vacant Hse. Units	36	37	38	39	20	15	11	-1	-7	-22	-18	-13	-6

Vacant Units As A % Of Baseline Housing Units	-----												
Vacancy Rate*	25	25	25	25	12	9	6	-1	-4	-12	-9	-7	-3

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:15:40

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE CITY OF NENANA

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND													

Total Project	0	0	0	0	9	12	16	23	25	33	32	29	26
BASELINE DEMAND													

Baseline Households	168	172	176	180	185	190	195	200	205	210	215	221	226

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND													

Pro. + Basel. Hsehds	168	172	176	180	194	202	211	223	230	243	247	250	252
BASELINE SUPPLY													

Baseline Hse. Units	223	228	234	239	246	252	259	266	272	279	286	293	300
=====													
SUPPLY - DEMAND													

Vacant Hse. Units	55	56	58	59	52	50	48	43	42	36	39	43	48
Vacant Units As A % Of Baseline Housing Units													

Vacancy Rate*	25	25	25	25	21	20	19	16	15	13	14	15	16

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:15:43

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN MCKINLEY PARK

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND	-----												
Total Project	0	0	0	0	22	28	35	50	58	75	74	68	62

BASELINE DEMAND	-----												
Baseline Households	10	11	11	12	12	12	12	13	13	14	14	14	15

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----												
Pro. + Baseline Hsehds	10	11	11	12	34	40	47	63	71	89	88	82	77

BASELINE SUPPLY	-----												
Baseline Hse. Units	13	15	15	16	16	16	16	17	17	19	19	19	20
=====													
SUPPLY - DEMAND	-----												
Vacant Hse. Units	3	4	4	4	-18	-24	-31	-46	-54	-70	-69	-63	-57
Vacant Units As A % Of Baseline Housing Units	-----												
Vacancy Rate*	23	27	27	25	-113	-150	-194	-271	-318	-368	-363	-332	-285

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:15:47

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE MUNICIPALITY OF ANCHORAGE

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND													

Total Project	0	0	0	0	51	54	-64	3	32	63	69	118	297
BASELINE DEMAND													

Baseline Households	60,137	66,002	68,578	70,352	72,331	74,043	74,783	75,339	76,987	79,232	79,383	81,512	82,183

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND													

Pro. + Baseline Hsehds	60,137	66,002	68,578	70,352	72,382	74,097	74,719	75,342	77,019	79,295	79,452	81,630	82,480
BASELINE SUPPLY													

Baseline Hse. Units	69,890	71,354	74,138	76,056	78,196	80,046	80,846	81,448	83,229	85,656	85,819	88,121	88,846
	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
SUPPLY - DEMAND													

Vacant Hse. Units	9,753	5,352	5,560	5,704	5,814	5,949	6,127	6,106	6,210	6,361	6,367	6,491	6,366
Vacant Units As A % Of Baseline Housing Units													

Vacancy Rate*	14	8	8	8	7	7	8	8	8	7	7	7	7

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

SUSITNA HYDROELECTRIC PROJECT
SOCIOECONOMIC IMPACT STUDY
IMPACT OF THE PROJECT ON HOUSING UNITS
IN THE FAIRBANKS-NORTH STAR BOROUGH

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND													

Total Project	0	0	0	0	-19	-30	-66	-88	-97	-72	-60	-59	-15
BASELINE DEMAND													

Baseline Households	19,407	21,752	22,200	22,777	23,347	23,908	24,422	24,701	25,198	26,033	26,307	26,744	27,423

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND													

Pro. + Baseline Hsehds	19,407	21,752	22,200	22,777	23,328	23,878	24,356	24,613	25,101	25,961	26,247	26,685	27,408
BASELINE SUPPLY													

Baseline Hse. Units	22,708	22,897	23,368	23,976	24,576	25,166	25,707	26,001	26,524	27,403	27,692	28,152	28,866
	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
SUPPLY - DEMAND													

Vacant Hse. Units	3,301	1,145	1,168	1,199	1,248	1,288	1,351	1,388	1,423	1,442	1,445	1,467	1,458
Vacant Units As A % Of Baseline Housing Units													

Vacancy Rate*	15	5	5	5	5	5	5	5	5	5	5	5	5

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:15:58

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE MUNICIPALITY OF FAIRBANKS

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND	-----												
Total Project	0	0	0	0	-7	-13	-29	-40	-46	-33	-28	-29	-8

BASELINE DEMAND	-----												
Baseline Households	9,124	10,481	10,801	11,186	11,575	11,968	12,340	12,599	12,979	13,537	13,811	14,177	14,678

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----												
Pro. + Baseline Hsehds	9,124	10,481	10,801	11,186	11,568	11,955	12,311	12,559	12,933	13,504	13,783	14,148	14,670

BASELINE SUPPLY	-----												
Baseline Hse. Units	9,124	11,319	11,664	12,080	12,500	12,924	13,326	13,606	14,016	14,619	14,915	15,310	15,851
=====													

SUPPLY - DEMAND	-----												
Vacant Hse. Units	0	838	863	894	932	969	1,015	1,047	1,083	1,115	1,132	1,162	1,181

Vacant Units As A % Of Baseline Housing Units	-----												
Vacancy Rate*	0	7	7	7	8	8	8	8	8	8	8	8	8

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:16:04

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE KENAI-COOK INLET CENSUS DIVISION

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND	-----												
Total Project	0	0	0	0	-10	-16	-45	-48	-49	-54	-51	-38	-11

BASELINE DEMAND													

Baseline Households	7,995	8,203	8,513	8,953	9,438	9,905	10,250	10,584	11,079	11,683	11,988	12,610	13,023

TOTAL PROJECT-RELATED AND													
BASELINE HOUSING DEMAND													

Pro. + Basel. Hsehds	7,995	8,203	8,513	8,953	9,428	9,889	10,205	10,536	11,030	11,629	11,937	12,572	13,012

BASELINE SUPPLY													

Baseline Hse. Units	8,416	8,635	8,961	9,424	9,935	10,426	10,789	11,141	11,662	12,298	12,619	13,274	13,708
=====													
SUPPLY - DEMAND													

Vacant Hse. Units	421	432	448	471	507	537	584	605	632	669	682	702	696

Vacant Units As A % Of													
Baseline Housing Units													

Vacancy Rate*	5	5	5	5	5	5	5	5	5	5	5	5	5

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:16:08

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE SEWARD CENSUS DIVISION

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND													

Total Project	0	0	0	0	-1	-1	-1	-1	-2	-2	-2	-1	0
BASELINE DEMAND													

Baseline Households	970	999	1,022	1,058	1,100	1,137	1,160	1,182	1,220	1,269	1,284	1,333	1,359

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND													

Pro. + Baseline Hsehds	970	999	1,022	1,058	1,099	1,136	1,159	1,181	1,218	1,267	1,282	1,332	1,359
BASELINE SUPPLY													

Baseline Hse. Units	1,021	1,052	1,076	1,114	1,158	1,197	1,221	1,244	1,284	1,336	1,352	1,403	1,431
=====													
SUPPLY - DEMAND													

Vacant Hse. Units	51	53	54	56	59	61	62	63	66	69	70	71	72
Vacant Units As A % Of Baseline Housing Units													

Vacancy Rate*	5	5	5	5	5	5	5	5	5	5	5	5	5

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:16:11

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE SOUTHEAST FAIRBANKS BOROUGH

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
TOTAL PROJECT-RELATED DEMAND													
Total Project	0	0	0	0	1	1	3	4	4	5	5	4	3
BASELINE DEMAND													
Baseline Households	1,857	2,165	2,209	2,266	2,323	2,379	2,430	2,458	2,507	2,590	2,618	2,661	2,729
TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND													
Pro. + Basel. Hsehds	1,857	2,165	2,209	2,266	2,324	2,380	2,433	2,462	2,511	2,595	2,623	2,665	2,732
BASELINE SUPPLY													
Baseline Hse. Units	2,450	2,279	2,325	2,385	2,445	2,504	2,558	2,587	2,639	2,726	2,756	2,801	2,873
SUPPLY - DEMAND													
Vacant Hse. Units	593	114	116	119	121	124	125	125	128	131	133	136	141
Vacant Units As A % Of Baseline Housing Units													
Vacancy Rate*	24	5	5	5	5	5	5	5	5	5	5	5	5

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:16:16

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE VALDEZ-CHITINA-WHITTIER CENSUS DIVISION

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND	-----												
Total Project	0	0	0	0	10	13	16	20	23	28	27	24	19

BASELINE DEMAND	-----												
Baseline Households	2,689	2,984	3,925	4,019	4,096	3,815	4,061	4,244	4,310	4,371	4,440	4,557	4,669

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----												
Pro. + Basl. Hsehds	2,689	2,984	3,925	4,019	4,106	3,828	4,077	4,264	4,333	4,399	4,467	4,581	4,688

BASELINE SUPPLY	-----												
Baseline Hse. Units	2,831	4,145	4,145	4,231	4,312	4,145	4,275	4,467	4,537	4,601	4,674	4,797	4,915
=====													
SUPPLY - DEMAND	-----												
Vacant Hse. Units	142	1,161	220	212	206	317	198	203	204	202	207	216	227

Vacant Units As A % Of Baseline Housing Units	-----												
Vacancy Rate*	5	28	5	5	5	8	5	5	5	4	4	5	5

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:16:23

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE RAILBELT REGION

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND	-----												
Total Project	0	0	0	0	386	478	703	964	1,096	1,392	1,387	1,378	1,529

BASELINE DEMAND	-----												
Baseline Households	100,563	111,473	116,774	120,515	124,562	127,946	130,574	132,676	136,397	141,362	142,921	147,475	150,342

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----												
Pro. + Basel. Hsehds	100,563	111,473	116,774	120,515	124,948	128,424	131,277	133,640	137,493	142,754	144,308	148,853	151,871

BASELINE SUPPLY	-----												
Baseline Hse. Units	116,127	123,332	128,368	132,301	136,654	140,445	143,141	145,403	149,415	154,768	156,440	161,450	164,598

SUPPLY - DEMAND	-----												
Vacant Hse. Units	15,564	11,859	11,594	11,786	11,706	12,021	11,864	11,763	11,922	12,014	12,132	12,597	12,727

Vacant Units As A % Of Baseline Housing Units	-----												
Vacancy Rate*	13	10	9	9	9	9	8	8	8	8	8	8	8

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:16:27

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE STATE OF ALASKA

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND	-----												
Total Project	0	0	0	0	386	478	703	964	1,096	1,392	1,387	1,378	1,529
BASELINE DEMAND	-----												
Baseline Households	139,982	145,434	153,122	159,137	165,311	171,196	175,638	179,313	183,737	189,683	192,248	199,878	204,767

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----												
Pro. + Basel. Hsehds	139,982	145,434	153,122	159,137	165,697	171,674	176,341	180,277	184,833	191,075	193,635	201,256	206,296
BASELINE SUPPLY	-----												
Baseline Hse. Units	0	0	0	0	0	0	0	0	0	0	0	0	0
=====													
SUPPLY - DEMAND	-----												
Vacant Hse. Units	139,982	145,434	153,122	159,137	165,697	171,674	176,341	180,277	184,833	191,075	193,635	201,256	206,296
Vacant Units As A % Of Baseline Housing Units	-----												
Vacancy Rate*	0	0	0	0	0	0	0	0	0	0	0	0	0

*Negative vacancy rates indicate that capacity would be exceeded.

ECON/HSEIMPTV/WATANAH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:16:31

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN MATANUSKA-SUSITNA BOROUGH COMMUNITIES

	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993

TOTAL PROJECT-RELATED DEMAND	-----												
Total Project	0	0	0	0	104	133	170	241	283	362	353	332	304
BASELINE DEMAND	-----												
Baseline Households	6,831	8,668	9,616	10,362	11,186	12,005	12,700	13,387	14,301	15,375	16,078	17,220	18,103

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----												
Pro. + Basel. Hsehds	6,831	8,668	9,616	10,362	11,290	12,138	12,870	13,628	14,584	15,737	16,431	17,552	18,407
BASELINE SUPPLY	-----												
Baseline Hse. Units	0	12,013	13,404	14,148	15,048	15,960	16,725	17,478	18,484	19,674	20,435	21,789	22,826
=====													
SUPPLY - DEMAND	-----												
Vacant Hse. Units	-6,831	3,345	3,788	3,786	3,758	3,822	3,855	3,850	3,900	3,937	4,004	4,237	4,419
Vacant Units As A % Of Baseline Housing Units	-----												
Vacancy Rate*	0	28	28	27	25	24	23	22	21	20	20	19	19

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:16:43

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE MATANUSKA-SUSITNA BOROUGH

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND	-----											
Total Project	715	647	715	728	740	744	735	717	560	513	513	513

BASELINE DEMAND	-----											
Baseline Households	18,921	19,678	20,542	21,468	22,386	23,336	24,342	25,376	26,454	27,599	28,807	30,066

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----											
Pro. + Basel. Hsehds	19,636	20,325	21,257	22,196	23,126	24,080	25,077	26,093	27,014	28,112	29,320	30,579

BASELINE SUPPLY	-----											
Baseline Hse. Units	23,779	24,653	25,641	26,710	27,762	28,847	29,985	31,158	32,377	33,671	35,020	36,436
=====												

SUPPLY - DEMAND	-----											
Vacant Hse. Units	4,143	4,328	4,384	4,514	4,636	4,767	4,908	5,065	5,363	5,559	5,700	5,857

Vacant Units As A % Of Baseline Housing Units	-----											
Vacancy Rate*	17	18	17	17	17	17	16	16	17	17	16	16

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:16:47

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE CITY OF PALMER

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND	-----											
Total Project	30	29	30	31	32	32	32	30	28	28	28	28

BASELINE DEMAND	-----											
Baseline Households	1,700	1,762	1,824	1,890	1,958	2,028	2,101	2,177	2,255	2,336	2,419	2,507

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----											
Pro. + Basel. Hsehds	1,730	1,791	1,854	1,921	1,990	2,060	2,133	2,207	2,283	2,364	2,447	2,535

BASELINE SUPPLY	-----											
Baseline Hse. Units	1,747	1,811	1,875	1,942	2,012	2,084	2,159	2,237	2,318	2,401	2,486	2,577

SUPPLY - DEMAND	-----											
Vacant Hse. Units	17	20	21	21	22	24	26	30	35	37	39	42

Vacant Units As A % Of Baseline Housing Units	-----											
Vacancy Rate*	1	1	1	1	1	1	1	1	2	2	2	2

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:16:51

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE CITY OF WASILLA

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND												

Total Project	35	34	35	35	36	36	36	35	32	31	31	31
BASELINE DEMAND												

Baseline Households	2,191	2,365	2,553	2,755	2,974	3,210	3,467	3,742	4,039	4,361	4,707	5,082

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND												

Pro. + Basel. Hsehds	2,226	2,399	2,588	2,790	3,010	3,246	3,503	3,777	4,071	4,392	4,738	5,113
BASELINE SUPPLY												

Baseline Hse. Units	2,501	2,700	2,914	3,145	3,395	3,664	3,958	4,272	4,611	4,978	5,373	5,801
=====												
SUPPLY - DEMAND												

Vacant Hse. Units	275	301	326	355	385	418	455	495	540	586	635	688
Vacant Units As A % Of Baseline Housing Units												

Vacancy Rate*	11	11	11	11	11	11	12	12	12	12	12	12

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:16:55

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE CITY OF HOUSTON

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND	-----											
Total Project	31	30	31	32	32	33	32	31	29	29	29	29

BASELINE DEMAND												

Baseline Households	603	664	731	804	885	975	1,073	1,181	1,300	1,432	1,576	1,735

TOTAL PROJECT-RELATED AND												
BASELINE HOUSING DEMAND												

Pro. + Basel. Hsehds	634	694	762	836	917	1,008	1,105	1,212	1,329	1,461	1,605	1,764

BASELINE SUPPLY												

Baseline Hse. Units	753	829	913	1,004	1,105	1,217	1,340	1,474	1,623	1,788	1,968	2,166
=====												
SUPPLY - DEMAND												

Vacant Hse. Units	119	135	151	168	188	209	235	262	294	327	363	402

Vacant Units As A % Of												
Baseline Housing Units												

Vacancy Rate*	16	16	17	17	17	17	18	18	18	18	18	19

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:16:58

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN TALKEETNA

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND	-----											
Total Project	51	49	51	53	55	56	54	52	48	48	48	48

BASELINE DEMAND	-----											
Baseline Households	185	195	206	217	230	242	255	270	284	300	317	334

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----											
Pro. + Basel. Hsehds	236	244	257	270	285	298	309	322	332	348	365	382

BASELINE SUPPLY	-----											
Baseline Hse. Units	208	219	230	242	255	268	281	297	311	328	345	362
=====												

SUPPLY - DEMAND	-----											
Vacant Hse. Units	-28	-25	-27	-28	-30	-30	-28	-25	-21	-20	-20	-20

Vacant Units As A % Of Baseline Housing Units	-----											
Vacancy Rate*	-14	-11	-12	-12	-12	-11	-10	-8	-7	-6	-6	-6

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:17:02

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN TRAPPER CREEK

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND	-----											
Total Project	74	71	74	77	79	81	78	74	69	69	69	69

BASELINE DEMAND	-----											
Baseline Households	115	121	126	132	138	145	151	158	165	173	181	189

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----											
Pro. + Baseline Hsehdhs	189	192	200	209	217	226	229	232	234	242	250	258

BASELINE SUPPLY	-----											
Baseline Hse. Units	126	133	138	144	150	157	164	171	178	186	194	203
=====												
SUPPLY - DEMAND	-----											
Vacant Hse. Units	-63	-59	-62	-65	-67	-69	-65	-61	-56	-56	-56	-55
Vacant Units As A % Of Baseline Housing Units	-----											
Vacancy Rate*	-50	-44	-45	-45	-45	-44	-40	-36	-32	-30	-29	-27

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:17:06

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE RURAL/REMOTE AREAS OF THE MATANUSKA-SUSITNA BOROUGH

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND	-----											
Total Project	40	39	40	43	44	44	43	41	40	39	39	39
BASELINE DEMAND	-----											
Baseline Households	1,776	1,834	1,900	1,972	2,040	2,108	2,178	2,248	2,320	2,394	2,471	2,548

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----											
Pro. + Basel. Hsehds	1,816	1,873	1,940	2,015	2,084	2,152	2,221	2,289	2,360	2,433	2,510	2,587
BASELINE SUPPLY	-----											
Baseline Hse. Units	2,228	2,293	2,366	2,447	2,522	2,596	2,672	2,748	2,826	2,905	2,988	3,070

SUPPLY - DEMAND	-----											
Vacant Hse. Units	412	420	426	432	438	444	451	459	466	472	478	483
Vacant Units As A % Of Baseline Housing Units	-----											
Vacancy Rate*	19	18	18	18	17	17	17	17	17	16	16	16

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:17:10

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE SUBURBAN AREAS OF THE MATANUSKA-SUSITNA BOROUGH

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND												

Total Project	103	102	103	107	111	112	109	103	99	98	98	98
BASELINE DEMAND												

Baseline Households	12,340	12,734	13,196	13,695	14,164	14,636	15,121	15,608	16,100	16,615	17,138	17,672

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND												

Pro. + Basel. Hsehds	12,443	12,836	13,299	13,802	14,275	14,748	15,230	15,711	16,199	16,713	17,236	17,770
BASELINE SUPPLY												

Baseline Hse. Units	16,216	16,668	17,205	17,786	18,323	18,861	19,411	19,959	20,510	21,085	21,666	22,257
	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
SUPPLY - DEMAND												

Vacant Hse. Units	3,773	3,832	3,906	3,984	4,048	4,113	4,181	4,248	4,311	4,372	4,430	4,487
Vacant Units As A % Of Baseline Housing Units												

Vacancy Rate*	23	23	23	22	22	22	22	21	21	21	20	20

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:17:14

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE RAILBELT PORTION OF THE YUKON-KOYUKUK BOROUGH

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND	-----											
Total Project	347	339	347	361	371	378	372	350	330	327	327	327
BASELINE DEMAND	-----											
Baseline Households	868	883	899	915	931	948	965	982	1,000	1,018	1,036	1,055

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----											
Pro. + Baseline Hsehds	1,215	1,222	1,246	1,276	1,302	1,326	1,337	1,332	1,330	1,345	1,363	1,382
BASELINE SUPPLY	-----											
Baseline Hse. Units	1,153	1,173	1,194	1,215	1,236	1,259	1,282	1,304	1,328	1,352	1,376	1,401
=====												
SUPPLY - DEMAND	-----											
Vacant Hse. Units	-62	-49	-52	-61	-66	-67	-55	-28	-2	7	13	19
Vacant Units As A % Of Baseline Housing Units	-----											
Vacancy Rate*	-5	-4	-4	-5	-5	-5	-4	-2	0	1	1	1

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:17:18

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN CANTWELL

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND	-----											
Total Project	208	203	208	217	223	227	224	209	197	195	195	195

BASELINE DEMAND	-----											
Baseline Households	92	93	94	95	96	98	99	100	101	102	104	105

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----											
Pro. + Basel. Hsehds	300	296	302	312	319	325	323	309	298	297	299	300

BASELINE SUPPLY	-----											
Baseline Hse. Units	134	135	135	136	137	139	139	140	140	141	143	144
=====												
SUPPLY - DEMAND	-----											
Vacant Hse. Units	-166	-161	-167	-176	-182	-186	-184	-169	-158	-156	-156	-156

Vacant Units As A % Of Baseline Housing Units	-----											
Vacancy Rate*	-124	-119	-124	-129	-133	-134	-132	-121	-113	-111	-109	-108

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:17:21

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN HEALY

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND	-----											
Total Project	54	52	54	56	57	58	57	55	51	51	51	51

BASELINE DEMAND	-----											
Baseline Households	158	163	167	172	177	182	188	193	199	205	211	218

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----											
Pro. + Basel. Hsehds	212	215	221	228	234	240	245	248	250	256	262	269

BASELINE SUPPLY	-----											
Baseline Hse. Units	210	216	222	228	235	242	250	256	264	272	280	290
=====												

SUPPLY - DEMAND	-----											
Vacant Hse. Units	-2	1	1	0	1	2	5	8	14	16	18	21

Vacant Units As A % Of Baseline Housing Units	-----											
Vacancy Rate*	-1	1	1	0	0	1	2	3	5	6	6	7

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:17:25

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE CITY OF NENANA

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND												

Total Project	26	25	26	26	28	28	28	26	25	25	25	25

BASELINE DEMAND												

Baseline Households	232	238	244	251	257	264	270	277	284	292	299	307

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND												

Pro. + Basel. Hsehds	258	263	270	277	285	292	298	303	309	317	324	332

BASELINE SUPPLY												

Baseline Hse. Units	308	316	324	333	341	351	359	368	377	388	397	408
=====												
SUPPLY - DEMAND												

Vacant Hse. Units	50	53	54	56	56	59	61	65	68	71	73	76

Vacant Units As A % Of Baseline Housing Units												

Vacancy Rate*	16	17	17	17	16	17	17	18	18	18	18	19

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:17:29

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN MCKINLEY PARK

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND												

Total Project	59	59	59	62	63	64	63	60	56	55	55	55
BASELINE DEMAND												

Baseline Households	15	16	16	17	17	17	18	19	19	20	20	21

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND												

Pro. + Baseline Hsehds	74	75	75	79	80	81	81	79	75	75	75	76
BASELINE SUPPLY												

Baseline Hse. Units	20	21	21	23	23	23	24	25	25	27	27	28
=====												
SUPPLY - DEMAND												

Vacant Hse. Units	-54	-54	-54	-56	-57	-58	-57	-54	-50	-48	-48	-48
Vacant Units As A % Of Baseline Housing Units												

Vacancy Rate*	-270	-257	-257	-244	-248	-252	-238	-216	-200	-178	-178	-171

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:17:33

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE MUNICIPALITY OF ANCHORAGE

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND												

Total Project	447	483	446	431	421	417	423	452	590	615	615	615
BASELINE DEMAND												

Baseline Households	82,490	82,406	82,650	83,060	83,356	83,634	83,978	84,334	84,724	85,240	85,773	86,359

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND												

Pro. + Basel. Hsehds	82,937	82,889	83,096	83,491	83,777	84,051	84,401	84,786	85,314	85,855	86,388	86,974
BASELINE SUPPLY												

Baseline Hse. Units	89,178	89,088	89,351	89,795	90,115	90,415	90,787	91,172	91,594	92,151	92,728	93,361
=====												
SUPPLY - DEMAND												

Vacant Hse. Units	6,241	6,199	6,255	6,304	6,338	6,364	6,386	6,386	6,280	6,296	6,340	6,387
Vacant Units As A % Of Baseline Housing Units												

Vacancy Rate*	7	7	7	7	7	7	7	7	7	7	7	7

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:17:36

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE FAIRBANKS-NORTH STAR BOROUGH

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND	-----											
Total Project	18	31	20	8	-12	-13	-4	26	62	74	74	74

BASELINE DEMAND	-----											
Baseline Households	28,110	28,270	28,565	28,912	29,201	29,500	29,853	30,221	30,603	30,993	31,401	31,847

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----											
Pro. + Basel. Hsehds	28,128	28,301	28,585	28,920	29,189	29,487	29,849	30,247	30,665	31,067	31,475	31,921

BASELINE SUPPLY	-----											
Baseline Hse. Units	29,589	29,758	30,068	30,434	30,738	31,053	31,424	31,812	32,214	32,624	33,054	33,523
=====												

SUPPLY - DEMAND	-----											
Vacant Hse. Units	1,461	1,457	1,483	1,514	1,549	1,566	1,575	1,565	1,549	1,557	1,579	1,602

Vacant Units As A % Of Baseline Housing Units	-----											
Vacancy Rate*	5	5	5	5	5	5	5	5	5	5	5	5

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:17:40

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE MUNICIPALITY OF FAIRBANKS

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND	-----											
Total Project	10	15	10	3	-9	-10	-6	10	30	38	38	38

BASELINE DEMAND												

Baseline Households	15,189	15,427	15,737	16,081	16,404	16,733	17,096	17,481	17,874	18,275	18,702	19,153

TOTAL PROJECT-RELATED AND												
BASELINE HOUSING DEMAND												

Pro. + Basel. Hsehds	15,199	15,442	15,747	16,084	16,395	16,723	17,090	17,491	17,904	18,313	18,740	19,191

BASELINE SUPPLY												

Baseline Hse. Units	16,403	16,660	16,995	17,366	17,715	18,070	18,462	18,878	19,302	19,735	20,197	20,684
=====												
SUPPLY - DEMAND												

Vacant Hse. Units	1,204	1,218	1,248	1,282	1,320	1,347	1,372	1,387	1,398	1,422	1,457	1,493

Vacant Units As A % Of												
Baseline Housing Units												

Vacancy Rate*	7	7	7	7	8	8	7	7	7	7	7	7

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:17:44

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE KENAI-COOK INLET CENSUS DIVISION

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND	-----											
Total Project	3	12	3	-6	-11	-12	-9	0	25	31	31	31

BASELINE DEMAND	-----											
Baseline Households	13,384	13,688	14,058	14,466	14,859	15,259	15,685	16,125	16,582	17,064	17,575	18,111

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----											
Pro. + Baseline Hsehds	13,387	13,700	14,061	14,460	14,848	15,247	15,676	16,125	16,607	17,095	17,606	18,142

BASELINE SUPPLY	-----											
Baseline Hse. Units	14,088	14,408	14,798	15,227	15,641	16,062	16,511	16,974	17,455	17,962	18,500	19,064
=====												

SUPPLY - DEMAND	-----											
Vacant Hse. Units	701	708	737	767	793	815	835	849	848	867	894	922

Vacant Units As A % Of Baseline Housing Units	-----											
Vacancy Rate*	5	5	5	5	5	5	5	5	5	5	5	5

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:17:48

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE SEWARD CENSUS DIVISION

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND	-----											
Total Project	0	0	0	0	0	0	0	0	0	0	0	0

BASELINE DEMAND	-----											
Baseline Households	1,378	1,392	1,412	1,435	1,456	1,477	1,500	1,524	1,549	1,575	1,604	1,634

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----											
Pro. + Baseline Hsehd	1,378	1,392	1,412	1,435	1,456	1,477	1,500	1,524	1,549	1,575	1,604	1,634

BASELINE SUPPLY	-----											
Baseline Hse. Units	1,451	1,465	1,486	1,511	1,533	1,555	1,579	1,604	1,631	1,658	1,688	1,720
=====												
SUPPLY - DEMAND	-----											
Vacant Hse. Units	73	73	74	76	77	78	79	80	82	83	84	86

Vacant Units As A % Of Baseline Housing Units	-----											
Vacancy Rate*	5	5	5	5	5	5	5	5	5	5	5	5

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:17:54

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE SOUTHEAST FAIRBANKS BOROUGH

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND	-----											
Total Project	2	2	2	2	3	3	3	2	1	1	1	1

BASELINE DEMAND	-----											
Baseline Households	2,797	2,813	2,843	2,877	2,905	2,935	2,970	3,007	3,045	3,084	3,125	3,169

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----											
Pro. + Baseline Hsehd	2,799	2,815	2,845	2,879	2,908	2,938	2,973	3,009	3,046	3,085	3,126	3,170

BASELINE SUPPLY	-----											
Baseline Hse. Units	2,944	2,961	2,993	3,028	3,058	3,089	3,126	3,165	3,205	3,246	3,289	3,336
=====												

SUPPLY - DEMAND	-----											
Vacant Hse. Units	145	146	148	149	150	151	153	156	159	161	163	166

Vacant Units As A % Of Baseline Housing Units	-----											
Vacancy Rate*	5	5	5	5	5	5	5	5	5	5	5	5

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:17:58

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE VALDEZ-CHITINA-WHITTIER CENSUS DIVISION

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
TOTAL PROJECT-RELATED DEMAND												
Total Project	16	15	16	19	19	19	19	16	12	12	12	12
BASELINE DEMAND												
Baseline Households	4,774	4,888	5,007	5,137	5,277	5,414	5,557	5,701	5,848	6,001	6,158	6,319
TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND												
Pro. + Basel. Hsehds	4,790	4,903	5,023	5,156	5,296	5,433	5,576	5,717	5,860	6,013	6,170	6,331
BASELINE SUPPLY												
Baseline Hse. Units	5,025	5,145	5,271	5,407	5,555	5,699	5,849	6,001	6,156	6,317	6,482	6,652
=====												
SUPPLY - DEMAND												
Vacant Hse. Units	235	242	248	251	259	266	273	284	296	304	312	321
Vacant Units As A % Of Baseline Housing Units												
Vacancy Rate*	5	5	5	5	5	5	5	5	5	5	5	5

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:18:02

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE RAILBELT REGION

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND	-----											
Total Project	1,694	1,670	1,695	1,697	1,692	1,698	1,698	1,711	1,716	1,707	1,707	1,707

BASELINE DEMAND	-----											
Baseline Households	152,722	154,018	155,976	158,270	160,371	162,503	164,850	167,270	169,805	172,574	175,479	178,560

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----											
Pro. + Basel. Hsehd's	154,416	155,688	157,671	159,967	162,063	164,201	166,548	168,981	171,521	174,281	177,186	180,267

BASELINE SUPPLY	-----											
Baseline Hse. Units	167,207	168,651	170,802	173,327	175,638	177,979	180,543	183,190	185,960	188,981	192,137	195,493
	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====

SUPPLY - DEMAND	-----											
Vacant Hse. Units	12,791	12,963	13,131	13,360	13,575	13,778	13,995	14,209	14,439	14,700	14,951	15,226

Vacant Units As A % Of Baseline Housing Units	-----											
Vacancy Rate*	8	8	8	8	8	8	8	8	8	8	8	8

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:18:09

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN THE STATE OF ALASKA

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND	-----											
Total Project	1,694	1,670	1,695	1,697	1,692	1,698	1,698	1,711	1,716	1,707	1,707	1,707
BASELINE DEMAND	-----											
Baseline Households	207,667	210,442	213,516	216,441	219,177	221,849	224,742	227,669	230,740	234,102	237,668	241,443

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----											
Pro. + Basel. Hsehds	209,361	212,112	215,211	218,138	220,869	223,547	226,440	229,380	232,456	235,809	239,375	243,150
BASELINE SUPPLY	-----											
Baseline Hse. Units	0	0	0	0	0	0	0	0	0	0	0	0
=====												
SUPPLY - DEMAND	-----											
Vacant Hse. Units	209,361	212,112	215,211	218,138	220,869	223,547	226,440	229,380	232,456	235,809	239,375	243,150
Vacant Units As A % Of Baseline Housing Units	-----											
Vacancy Rate*	0	0	0	0	0	0	0	0	0	0	0	0

*Negative vacancy rates indicate that capacity would be exceeded.

ECON/HSEIMPTV/DEVILH/ECONRPT
 Alternate 01 of 01
 12/29/83 AT 15:18:13

USER = SUS

SUSITNA HYDROELECTRIC PROJECT
 SOCIOECONOMIC IMPACT STUDY
 IMPACT OF THE PROJECT ON HOUSING UNITS
 IN MATANUSKA-SUSITNA BOROUGH COMMUNITIES

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

TOTAL PROJECT-RELATED DEMAND	-----											
Total Project	299	291	299	309	318	322	314	300	286	284	284	284

BASELINE DEMAND	-----											
Baseline Households	18,921	19,678	20,542	21,468	22,386	23,336	24,342	25,376	26,454	27,599	28,807	30,066

TOTAL PROJECT-RELATED AND BASELINE HOUSING DEMAND	-----											
Pro. + Baseline Hsehds	19,220	19,969	20,841	21,777	22,704	23,658	24,656	25,676	26,740	27,883	29,091	30,350

BASELINE SUPPLY	-----											
Baseline Hse. Units	23,779	24,653	25,641	26,710	27,762	28,847	29,985	31,158	32,377	33,671	35,020	36,436

SUPPLY - DEMAND	-----											
Vacant Hse. Units	4,559	4,684	4,800	4,933	5,058	5,189	5,329	5,482	5,637	5,788	5,929	6,086

Vacant Units As A % Of Baseline Housing Units	-----											
Vacancy Rate*	19	19	19	19	18	18	18	18	17	17	17	17

*Negative vacancy rates indicate that capacity would be exceeded.

Source: Frank Orth & Associates, Inc., 1983.

SCENARIO 3: BUS TRANSPORTATION
VILLAGE CONSTRUCTION WORKERS
BY LABOR CATEGORY, ORIGIN,
AND MARITAL STATUS

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Mar. Anch. Laborers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mar. Anch. SS/Skille	0	0	114	39	0	0	0	44	86	55	34	57	51	7	0	30	65	10
Mar. Anch. Eng./Adm.	0	0	85	114	129	129	146	114	59	37	23	36	56	72	76	61	50	7
Mar. Fair. Laborers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mar. Fair. SS/Skille	0	0	0	0	0	0	0	0	31	20	12	20	0	0	0	0	0	4
Mar. Fair. Eng./Adm.	0	0	30	40	44	0	0	40	20	13	8	12	20	26	23	21	18	2
Mar. O Ala Laborers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mar. O Ala SS/Skille	0	0	13	16	18	23	21	15	8	5	3	5	8	11	11	11	8	1
Mar. O Ala Eng./Adm.	0	0	10	13	15	18	17	13	7	4	3	4	7	8	9	7	6	1
Mar. Out-St Laborers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mar. Out-St SS/Skill	0	0	39	49	55	69	64	46	24	15	10	16	25	32	34	34	25	3
Mar. Out-St Eng./Adm	0	0	59	79	89	111	102	78	41	26	15	25	39	50	53	42	34	5

Married Workers	0	0	350	350	350	350	350	350	276	175	108	175	206	206	206	206	206	33

Sin. Anch. Laborers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sin. Anch. SS/Skill	0	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	3
Sin. Anch. Eng./Adm	0	0	0	0	0	0	0	0	0	12	8	12	0	0	0	0	0	3
Sin. Fair. Laborers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sin. Fair. SS/Skill	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	1
Sin. Fair. Eng./Adm	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	1
Sin. O Ala Laborers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sin. O Ala SS/Skill	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	0	0	0
Sin. O Ala Eng./Adm	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	0	0	0
Sin. Out-St Laborers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sin. Out-St SS/Skill	0	0	0	0	0	0	0	0	0	6	3	6	0	0	0	0	0	1
Sin. Out-St Eng./Adm	0	0	0	0	0	0	0	0	4	9	6	9	0	0	0	0	0	2

Single Workers	0	0	0	0	0	0	0	0	4	31	40	31	0	0	0	0	0	11
=====																		
Total Village Worker	0	0	350	350	350	350	350	350	280	206	148	206	206	206	206	206	206	44

Mar. = Married
Sin. = Single
Anch. = Anchorage Origin
Fair. = Fairbanks Origin
O Ala = Other Alaska Origin
Out-St = Out-of-State Origin
Laborers = Unskilled Workers
SS/Skilled = Semi-Skilled/Skilled Workers
Eng./Adm. = Engineering/Administrative Workers

SCENARIO 3: BUS TRANSPORTATION
CONSTRUCTION WORK FORCE BY RESIDENT
AND NONRESIDENT STATUS

	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002

Local Impact Area																		

Resident Workers																		

Matanuska-Susitna Borough																		
Village Resid. Worke	0	0	350	350	350	350	350	350	280	206	148	206	206	206	206	206	206	44
Palmer Resid. Worke	14	18	24	33	37	48	43	33	15	10	6	10	16	22	22	20	10	2
Wasilla Resid. Worke	15	21	27	38	43	54	50	37	18	11	7	11	19	24	26	23	12	2
Houston Resid. Worke	11	14	19	27	30	39	37	27	12	8	5	8	12	17	19	16	8	1
Talkeetna Res. Worke	16	21	26	37	42	54	50	37	17	11	6	11	18	24	25	22	11	2
Trap. Cr. Res. Worke	17	24	30	42	49	63	57	42	20	12	7	11	21	28	30	26	12	2
Suburban Res. Worke	67	88	118	160	181	229	211	160	79	48	29	48	78	103	110	95	52	8
Rural/Rem Res. Worke	19	24	31	43	50	64	58	43	21	12	8	12	21	29	30	26	14	2

Total Mat-Su Borou	159	210	625	730	782	901	856	729	462	318	216	317	391	453	468	434	325	63

Railbelt Portion of Y-K Bor.																		
Cantwell Res. Worke	105	138	107	153	176	227	208	152	68	42	26	41	72	99	106	92	45	8
Healy Resid. Worke	18	23	29	42	48	62	57	42	19	12	7	11	20	27	29	25	12	2
Nenana Resid. Worke	9	11	14	20	23	30	27	20	9	6	3	5	10	13	14	12	6	1
McK. Park Res. Worke	20	26	33	47	54	69	64	47	21	13	8	13	22	30	32	28	14	3
Y-K Orig. Res. Worke	3	4	6	8	9	11	10	8	4	2	1	2	4	6	6	4	3	0

Total Y-K Res. Wor	153	202	188	269	310	399	366	269	121	74	45	73	128	176	188	161	80	14

Nonresident Workers																		

Work Camp Site	786	946	1087	1501	1712	2202	2028	1505	718	414	234	411	727	970	1037	903	484	73
=====																		
TOTAL CONSTRUCTION	1099	1356	1897	2499	2804	3499	3248	2500	1299	806	494	799	1244	1595	1695	1497	892	153

Sums may not equal totals due to independent rounding.

IMPACT OF THE PROJECT ON SEWAGE TREATMENT FACILITIES
IN THE CITY OF WASILLA
(IN GALLONS)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED REQUIREMENTS									

Direct Project	3647	5157	6060	8804	10733	13574	13263	13054	11601
Total Project	4272	5789	6697	10092	12034	15216	14921	14393	12952
BASELINE	354524	384947	418033	453738	492556	534669	580373	629751	683448

TOTAL REQUIREMENTS	358796	390736	424731	463831	504591	549886	595294	644145	696401
=====									
Direct Require. As % Increase Over Basel.	1	1	1	1	2	2	2	2	1
Total Require. As % Increase Over Basel.	1	1	1	2	2	2	2	2	1
1983 Capacity	0	0	0	0	0	0	0	0	0
Excess (Under) Cap.	(358796)	(390736)	(424731)	(463831)	(504591)	(549886)	(595294)	(644145)	(696401)
% Capacity Utiliz.	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc.

FSER/WATERV/WATERWAH/FSERRPT3
 Alternate 01 of 01
 12/31/83 AT 13:24:56

USER = RLH

IMPACT OF THE PROJECT ON WATER SUPPLY FACILITIES
 IN THE CITY OF WASILLA - PEAK WATER SUPPLY REQUIREMENTS
 (IN GALLONS)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED REQUIREMENTS									
Direct Project	7221	10186	11940	17306	21050	26562	25894	25432	22551
Total Project	8458	11434	13196	19838	23602	29775	29131	28040	25178
BASELINE									
	701886	760271	823650	891908	965985	1046204	1133110	1226827	1328572
TOTAL REQUIREMENTS	710345	771705	836847	911747	989587	1075979	1162242	1254867	1353751
Direct Require. As % Increase Over Basel.									
	1	1	1	1	2	2	2	2	1
Total Require. As % Increase Over Basel.									
	1	1	1	2	2	2	2	2	1
1983 Capacity	900000	900000	900000	900000	900000	900000	900000	900000	900000
Excess (Under) Cap.	189654	128294	63152	(11747)	(89587)	(175979)	(262242)	(354867)	(453751)
% Capacity Utiliz.	78	85	92	101	109	119	129	139	150

Source: Frank Orth & Associates, Inc.

FSER/WATERY/WATERWAH/FSERRPT3
 Alternate 01 of 01
 12/31/83 AT 13:24:52

USER = RLH

IMPACT OF THE PROJECT ON WATER SUPPLY FACILITIES
 IN THE CITY OF WASILLA - AVERAGE WATER REQUIREMENTS
 (IN GALLONS)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED REQUIREMENTS									

Direct Project	4973	6988	8160	11782	14276	17947	17431	17057	15070
Total Project	5826	7844	9018	13506	16007	20118	19610	18806	16826

BASELINE	483442	521603	562896	607209	655148	706894	762776	822835	887844

TOTAL REQUIREMENTS	489268	529448	571915	620715	671155	727013	782387	841642	904670
=====									
Direct Require. As % Increase Over Basl.	1	1	1	1	2	2	2	2	1
Total Require. As % Increase Over Basl.	1	1	1	2	2	2	2	2	1
1983 Capacity	900000	900000	900000	900000	900000	900000	900000	900000	900000
Excess (Under) Cap.	410731	370551	328084	279284	228844	172986	117612	58357	(4670)
% Capacity Utiliz.	54	58	63	68	74	80	86	93	100

Source: Frank Orth & Associates, Inc.

FSER/WATERY/WATERWAH/FSERRPT3
 Alternate 01 of 01
 12/31/83 AT 13:24:48

USER = RLH

IMPACT OF THE PROJECT ON SEWAGE TREATMENT FACILITIES
 IN THE CITY OF PALMER
 (IN GALLONS)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED REQUIREMENTS									

Direct Project	3334	4105	5315	7623	8890	11604	11384	10711	10024
Total Project	3960	4736	5953	8589	9866	13136	12931	12050	11375
BASELINE	323677	348105	374444	402738	433142	465810	486757	508576	531395

TOTAL REQUIREMENTS	327637	352842	380397	411328	443008	478947	499689	520627	542771
=====									
Direct Require. As % Increase Over Basel.	1	1	1	1	2	2	2	2	1
Total Require. As % Increase Over Basel.	1	1	1	2	2	2	2	2	2
1983 Capacity	300000	300000	300000	300000	300000	300000	300000	300000	300000
Excess (Under) Cap.	(27637)	(52842)	(80397)	(111328)	(143008)	(178947)	(199689)	(220627)	(242771)
% Capacity Utiliz.	109	117	126	137	147	159	166	173	180

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON WATER SUPPLY FACILITIES
 IN THE CITY OF PALMER - PEAK WATER SUPPLY REQUIREMENTS
 (IN GALLONS)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED REQUIREMENTS									
Direct Project	6602	8107	10473	14984	17435	22706	22226	20867	19486
Total Project	7840	9355	11730	16884	19349	25705	25247	23475	22113
BASELINE									
	640816	687507	737766	791658	849463	911465	950336	990765	1032993
TOTAL REQUIREMENTS									
	648656	696863	749496	808542	868812	937171	975584	1014241	1055107
Direct Require. As % Increase Over Basel.									
	1	1	1	1	2	2	2	2	1
Total Require. As % Increase Over Basel.									
	1	1	1	2	2	2	2	2	2
1983 Capacity	1030000	1030000	1030000	1030000	1030000	1030000	1030000	1030000	1030000
Excess (Under) Cap.	381343	333136	280503	221457	161187	92828	54415	15758	(25107)
% Capacity Utiliz.	62	67	72	78	84	90	94	98	102

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON WATER SUPPLY FACILITIES
 IN THE CITY OF PALMER - AVERAGE WATER REQUIREMENTS
 (IN GALLONS)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED REQUIREMENTS									

Direct Project	4547	5562	7157	10201	11825	15342	14962	13995	13022
Total Project	5400	6418	8016	11494	13123	17368	16995	15745	14777

BASELINE	441378	471682	504202	538959	576121	615855	639738	664508	690317

TOTAL REQUIREMENTS	446778	478101	512218	550454	589244	633223	656734	680253	705095
=====									
Direct Require. As % Increase Over Baseline	1	1	1	1	2	2	2	2	1
Total Require. As % Increase Over Baseline	1	1	1	2	2	2	2	2	2

1983 Capacity	1030000	1030000	1030000	1030000	1030000	1030000	1030000	1030000	1030000
Excess (Under) Cap.	583221	551898	517781	479545	440755	396776	373265	349746	324904
% Capacity Utiliz.	43	46	49	53	57	61	63	66	68

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON SEWAGE TREATMENT FACILITIES
 IN THE CITY OF WASILLA
 (IN GALLONS)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED REQUIREMENTS	-----											
Direct Project	11709	11358	11926	12034	12496	12608	12720	12360	11520	11040	11040	11040
Total Project	13414	13080	13663	13787	14265	14392	14520	14160	12960	12480	12480	12480

BASELINE	741562	804534	872821	946771	1026981	1113823	1208040	1298640	1395960	1500720	1613280	1734240

TOTAL REQUIREMENTS	754976	817614	886484	960558	1041246	1128215	1222560	1312800	1408920	1513200	1625760	1746720

Direct Require. As % Increase Over Basel	1	1	1	1	1	1	1					
Total Require. As % Increase Over Basel	1	1	1	1	1	1	1	1				
1983 Capacity	0	0	0	0	0	0	0	0	0	0	0	0
Excess (Under) Cap.	-754976	-817614	-886484	-960558	-1041246	-1128215	-1222560	-1312800	-1408920	-1513200	-1625760	-1746720
% Capacity Utiliz.	0	0	0	0	0	0	0	0	0	0	0	0

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON WATER SUPPLY FACILITIES
 IN THE CITY OF WASILLA - PEAK WATER SUPPLY REQUIREMENTS
 (IN GALLONS)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED REQUIREMENTS												
Direct Project	22714	21988	23039	23202	24045	24212	24380	23690	22080	21160	21160	21160
Total Project	26022	25320	26394	26581	27447	27638	27830	27140	24840	23920	23920	23920
BASELINE	1438493	1557402	1686131	1825307	1976021	2138934	2315410	2489060	2675590	2876380	3092120	3323960
TOTAL REQUIREMENTS	1464515	1582722	1712526	1851888	2003469	2166573	2343240	2516200	2700430	2900300	3116040	3347880
Direct Require. As % Increase Over Basel	1	1	1	1	1	1	1					
Total Require. As % Increase Over Basel	1	1	1	1	1	1	1	1				
1983 Capacity	900000	900000	900000	900000	900000	900000	900000	900000	900000	900000	900000	900000
Excess (Under) Cap.	-564515	-682722	-812526	-951888	-1103469	-1266573	-1443240	-1616200	-1800430	-2000300	-2216040	-2447880
% Capacity Utiliz.	162	175	190	205	222	240	260	279	300	322	346	371

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON WATER SUPPLY FACILITIES
 IN THE CITY OF WASILLA - AVERAGE WATER REQUIREMENTS
 (IN GALLONS)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED REQUIREMENTS												
Direct Project	15124	14589	15233	15287	15788	15844	15900	15450	14400	13800	13800	13800
Total Project	17327	16800	17451	17513	18022	18086	18150	17700	16200	15600	15600	15600
BASELINE	957851	1033347	1114830	1202655	1297480	1399671	1510050	1623300	1744950	1875900	2016600	2167800
TOTAL REQUIREMENTS	975178	1050147	1132282	1220169	1315503	1417757	1528200	1641000	1761150	1891500	2032200	2183400
Direct Require. As % Increase Over Basel	1	1	1	1	1	1	1					
Total Require. As % Increase Over Basel	1	1	1	1	1	1	1	1				
1983 Capacity	900000	900000	900000	900000	900000	900000	900000	900000	900000	900000	900000	900000
Excess (Under) Cap.	-75178	-150147	-232282	-320169	-415503	-517757	-628200	-741000	-861150	-991500	-1132200	-1283400
% Capacity Utiliz.	108	116	125	135	146	157	169	182	195	210	225	242

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON SEWAGE TREATMENT FACILITIES
 IN THE CITY OF PALMER
 (IN GALLONS)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED REQUIREMENTS												
Direct Project	9663	9408	9842	10398	10846	10943	11040	10200	9840	9840	9840	9840
Total Project	11254	11014	11463	12034	12496	12608	12720	11880	11280	11280	11280	11280
BASELINE	555120	579880	605578	632583	660564	689775	720240	745440	771600	798600	826560	855480
TOTAL REQUIREMENTS	566374	590894	617042	644617	673061	702384	732960	757320	782880	809880	837840	866760
Direct Require. As % Increase Over Base1	1	1	1	1	1	1	1	1	1	1	1	1
Total Require. As % Increase Over Base1	2	1	1	1	1	1	1	1	1	1	1	1
1983 Capacity	300000	300000	300000	300000	300000	300000	300000	300000	300000	300000	300000	300000
Excess (Under) Cap.	-266374	-290894	-317042	-344617	-373061	-402384	-432960	-457320	-482880	-509880	-537840	-566760
% Capacity Utiliz.	188	196	205	214	224	234	244	252	260	269	279	288

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON WATER SUPPLY FACILITIES
 IN THE CITY OF PALMER - PEAK WATER SUPPLY REQUIREMENTS
 (IN GALLONS)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED REQUIREMENTS	-----											
Direct Project	18744	18212	19013	20048	20869	21014	21160	19550	18860	18860	18860	18860
Total Project	21832	21322	22144	23202	24045	24212	24380	22770	21620	21620	21620	21620

BASELINE	1076830	1122520	1169868	1219574	1270996	1324613	1380460	1428760	1478900	1530650	1584240	1639670

TOTAL REQUIREMENTS	1098662	1143842	1192013	1242776	1295041	1348826	1404840	1451530	1500520	1552270	1605860	1661290
=====												
Direct Require. As % Increase Over Baseline	1	1	1	1	1	1	1	1	1	1	1	1
Total Require. As % Increase Over Baseline	2	1	1	1	1	1	1	1	1	1	1	1
1983 Capacity	1030000	1030000	1030000	1030000	1030000	1030000	1030000	1030000	1030000	1030000	1030000	1030000
Excess (Under) Cap.	-68662	-113842	-162013	-212776	-265041	-318826	-374840	-421530	-470520	-522270	-575860	-631290
% Capacity Utiliz.	106	111	115	120	125	130	136	140	145	150	155	161

Source: Frank Orth & Associates, Inc.

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IMPACT OF THE PROJECT ON WATER SUPPLY FACILITIES
 IN THE CITY OF PALMER - AVERAGE WATER REQUIREMENTS
 (IN GALLONS)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED REQUIREMENTS	-----											
Direct Project	12481	12084	12571	13209	13703	13751	13800	12750	12300	12300	12300	12300
Total Project	14537	14147	14641	15287	15788	15844	15900	14850	14100	14100	14100	14100

BASELINE	717030	744800	773489	803551	834552	866797	900300	931800	964500	998250	1033200	1069350

TOTAL REQUIREMENTS	731567	758947	788131	818838	850340	882642	916200	946650	978600	1012350	1047300	1083450
=====												
Direct Require. As % Increase Over Basel	1	1	1	1	1	1	1	1	1	1	1	1
Total Require. As % Increase Over Basel	2	1	1	1	1	1	1	1	1	1	1	1

1983 Capacity	1030000	1030000	1030000	1030000	1030000	1030000	1030000	1030000	1030000	1030000	1030000	1030000
Excess (Under) Cap.	298432	271052	241868	211161	179659	147357	113800	83350	51400	17650	-17300	-53450
% Capacity Utiliz.	71	73	76	79	82	85	88	91	95	98	101	105

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE CITY OF PALMER - PRIMARY SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED ENROLLMENT									

Direct Project	5.0	6.0	8.0	11.0	12.0	16.0	16.0	15.0	14.0
Total Project	6.0	7.0	9.0	12.0	13.0	18.0	18.0	17.0	16.0
BASELINE	382.0	407.0	434.0	462.0	496.0	532.0	555.0	579.0	604.0

TOTAL ENROLLMENT	388.0	414.0	443.0	474.0	509.0	550.0	573.0	596.0	620.0
=====									
Direct Enroll. As % Increase Over Basel.	1.3	1.4	1.8	2.3	2.4	3.0	2.8	2.5	2.3
Total Enroll. As % Increase Over Basel.	1.5	1.7	2.0	2.6	2.6	3.3	3.2	2.9	2.6
1983 & Planned Cap.	725.0	725.0	725.0	725.0	725.0	725.0	725.0	725.0	725.0
Excess (Under) Cap.	337.0	311.0	282.0	251.0	216.0	175.0	152.0	129.0	105.0
% Capacity Utiliz.	53.5	57.1	61.1	65.3	70.2	75.8	79.0	82.2	85.5
Baseline Classroom Requirements	15.2	16.2	17.3	18.4	19.8	21.2	22.2	23.1	24.1
Project-Related Classroom Require.	.2	.2	.3	.4	.5	.7	.7	.6	.6
Total Classroom Requirements	15.5	16.5	17.7	18.9	20.3	22.0	22.9	23.8	24.8

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE CITY OF PALMER - SECONDARY SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED ENROLLMENT									

Direct Project	4.0	5.0	6.0	9.0	11.0	14.0	13.0	12.0	12.0
Total Project	5.0	6.0	7.0	10.0	12.0	15.0	15.0	13.0	13.0
BASELINE	326.0	347.0	369.0	393.0	422.0	454.0	473.0	493.0	515.0

TOTAL ENROLLMENT	331.0	353.0	376.0	403.0	434.0	469.0	488.0	506.0	528.0
=====									
Direct Enroll. As % Increase Over Basel.	1.2	1.4	1.6	2.2	2.6	3.0	2.7	2.4	2.3
Total Enroll. As % Increase Over Basel.	1.5	1.7	1.9	2.5	2.8	3.3	3.1	2.6	2.5
1983 & Planned Cap.	1600.0	1600.0	1600.0	1600.0	1600.0	1600.0	1600.0	1600.0	1600.0
Excess (Under) Cap.	1269.0	1247.0	1224.0	1197.0	1166.0	1131.0	1112.0	1094.0	1072.0
% Capacity Utiliz.	20.6	22.0	23.5	25.1	27.1	29.3	30.5	31.6	33.0
Baseline Classroom Requirements	15.5	16.5	17.5	18.7	20.1	21.6	22.5	23.4	24.5
Project-Related Classroom Require.	.2	.2	.3	.4	.5	.7	.7	.6	.6
Total Classroom Requirements	15.7	16.8	17.9	19.1	20.6	22.3	23.2	24.1	25.1

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE CITY OF PALMER - TOTAL SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED ENROLLMENT									

Direct Project	9.0	11.0	14.0	20.0	23.0	30.0	29.0	27.0	26.0
Total Project	11.0	13.0	16.0	22.0	25.0	33.0	33.0	30.0	29.0

BASELINE	708.0	754.0	803.0	855.0	918.0	986.0	1028.0	1072.0	1119.0

TOTAL ENROLLMENT	719.0	767.0	819.0	877.0	943.0	1019.0	1061.0	1102.0	1148.0
=====									
Direct Enroll. As % Increase Over Basel.	1.2	1.4	1.7	2.3	2.5	3.0	2.8	2.5	2.3
Total Enroll. As % Increase Over Basel.	1.5	1.7	1.9	2.5	2.7	3.3	3.2	2.8	2.5
1983 & Planned Cap.	2325.0	2325.0	2325.0	2325.0	2325.0	2325.0	2325.0	2325.0	2325.0
Excess (Under) Cap.	1606.0	1558.0	1506.0	1448.0	1382.0	1306.0	1264.0	1223.0	1177.0
% Capacity Utiliz.	30.9	32.9	35.2	37.7	40.5	43.8	45.6	47.4	49.3
Baseline Classroom Requirements	30.8	32.8	34.9	37.1	39.9	42.9	44.7	46.6	48.6
Project-Related Classroom Require.	.4	.5	.6	.9	1.0	1.4	1.4	1.3	1.2
Total Classroom Requirements	31.2	33.3	35.6	38.1	41.0	44.3	46.1	47.9	49.9

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE CITY OF WASILLA - PRIMARY SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED ENROLLMENT									

Direct Project	5.0	8.0	9.0	12.0	15.0	19.0	18.0	18.0	16.0
Total Project	6.0	9.0	10.0	13.0	16.0	21.0	20.0	20.0	18.0

BASELINE	419.0	450.0	484.0	520.0	564.0	611.0	662.0	717.0	777.0

TOTAL ENROLLMENT	425.0	459.0	494.0	533.0	580.0	632.0	682.0	737.0	795.0
=====									
Direct Enroll. As % Increase Over Basel.	1.1	1.7	1.8	2.3	2.6	3.1	2.7	2.5	2.0
Total Enroll. As % Increase Over Basel.	1.4	2.0	2.0	2.5	2.8	3.4	3.0	2.7	2.3

1983 & Planned Cap.	1050.0	1050.0	1050.0	1050.0	1050.0	1050.0	1050.0	1050.0	1050.0
Excess (Under) Cap.	625.0	591.0	556.0	517.0	470.0	418.0	368.0	313.0	255.0
% Capacity Utiliz.	40.4	43.7	47.0	50.7	55.2	60.1	64.9	70.1	75.7

Baseline Classroom Requirements	16.7	18.0	19.3	20.8	22.5	24.4	26.4	28.6	31.0
Project-Related Classroom Require.	.2	.3	.4	.5	.6	.8	.8	.8	.7
Total Classroom Requirements	17.0	18.3	19.7	21.3	23.2	25.2	27.2	29.4	31.8

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE CITY OF WASILLA - SECONDARY SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED ENROLLMENT									

Direct Project	5.0	6.0	7.0	11.0	13.0	16.0	16.0	15.0	13.0
Total Project	6.0	7.0	8.0	12.0	14.0	18.0	18.0	16.0	14.0
BASELINE	357.0	384.0	412.0	443.0	480.0	521.0	564.0	611.0	662.0

TOTAL ENROLLMENT	363.0	391.0	420.0	455.0	494.0	539.0	582.0	627.0	676.0
=====									
Direct Enroll. As % Increase Over Basel.	1.4	1.5	1.7	2.4	2.7	3.0	2.8	2.4	1.9
Total Enroll. As % Increase Over Basel.	1.6	1.8	1.9	2.7	2.9	3.4	3.1	2.6	2.1
1983 & Planned Cap.	1800.0	1800.0	1800.0	1800.0	1800.0	1800.0	1800.0	1800.0	1800.0
Excess (Under) Cap.	1437.0	1409.0	1380.0	1345.0	1306.0	1261.0	1218.0	1173.0	1124.0
% Capacity Utiliz.	20.1	21.7	23.3	25.2	27.4	29.9	32.3	34.8	37.5
Baseline Classroom Requirements	17.0	18.2	19.6	21.1	22.8	24.8	26.8	29.1	31.5
Project-Related Classroom Require.	.2	.3	.3	.5	.6	.8	.8	.7	.6
Total Classroom Requirements	17.2	18.6	20.0	21.6	23.5	25.6	27.7	29.8	32.1

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE CITY OF WASILLA - TOTAL SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED ENROLLMENT									

Direct Project	10.0	14.0	16.0	23.0	28.0	35.0	34.0	33.0	29.0
Total Project	12.0	16.0	18.0	25.0	30.0	39.0	38.0	36.0	32.0
BASELINE	776.0	834.0	896.0	963.0	1044.0	1132.0	1226.0	1328.0	1439.0

TOTAL ENROLLMENT	788.0	850.0	914.0	988.0	1074.0	1171.0	1264.0	1364.0	1471.0
=====									
Direct Enroll. As % Increase Over Basel.	1.2	1.6	1.7	2.3	2.6	3.0	2.7	2.4	2.0
Total Enroll. As % Increase Over Basel.	1.5	1.9	2.0	2.6	2.8	3.4	3.1	2.7	2.2
1983 & Planned Cap.	2850.0	2850.0	2850.0	2850.0	2850.0	2850.0	2850.0	2850.0	2850.0
Excess (Under) Cap.	2062.0	2000.0	1936.0	1862.0	1776.0	1679.0	1586.0	1486.0	1379.0
% Capacity Utiliz.	27.6	29.8	32.0	34.6	37.6	41.0	44.3	47.8	51.6
Baseline Classroom Requirements	33.7	36.2	38.9	41.9	45.4	49.2	53.3	57.7	62.6
Project-Related Classroom Require.	.5	.6	.7	1.0	1.3	1.7	1.6	1.5	1.3
Total Classroom Requirements	34.2	36.9	39.7	42.9	46.7	50.9	54.9	59.3	63.9

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE COMMUNITY OF TRAPPER CREEK - PRIMARY SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED ENROLLMENT									

Direct Project	9.0	12.0	15.0	21.0	25.0	32.0	31.0	29.0	27.0
Total Project	12.0	16.0	20.0	29.0	35.0	44.0	43.0	40.0	37.0
BASELINE	30.0	31.0	33.0	34.0	36.0	37.0	39.0	41.0	43.0

TOTAL ENROLLMENT	42.0	47.0	53.0	63.0	71.0	81.0	82.0	81.0	80.0
=====									
Direct Enroll. As % Increase Over Baseline	30.0	38.7	45.4	61.7	69.4	86.4	79.4	70.7	62.7
Total Enroll. As % Increase Over Baseline	40.0	51.6	60.6	85.2	97.2	118.9	110.2	97.5	86.0
1983 & Planned Cap.	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
Excess (Under) Cap. % Capacity Utiliz.	8.0 84.0	3.0 94.0	(3.0) 106.0	(13.0) 126.0	(21.0) 142.0	(31.0) 162.0	(32.0) 164.0	(31.0) 162.0	(30.0) 160.0
Baseline Classroom Requirements	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.6	1.7
Project-Related Classroom Require.	.4	.6	.8	1.1	1.4	1.7	1.7	1.6	1.4
Total Classroom Requirements	1.6	1.8	2.1	2.5	2.8	3.2	3.2	3.2	3.2

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE COMMUNITY OF TRAPPER CREEK - SECONDARY SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED ENROLLMENT									
Direct Project	8.0	10.0	13.0	18.0	21.0	27.0	27.0	25.0	23.0
Total Project	11.0	14.0	18.0	25.0	29.0	38.0	37.0	35.0	32.0
BASELINE	26.0	27.0	28.0	29.0	30.0	32.0	33.0	35.0	37.0
TOTAL ENROLLMENT	37.0	41.0	46.0	54.0	59.0	70.0	70.0	70.0	69.0
Direct Enroll. As % Increase Over Baseline	30.7	37.0	46.4	62.0	70.0	84.3	81.8	71.4	62.1
Total Enroll. As % Increase Over Baseline	42.3	51.8	64.2	86.2	96.6	118.7	112.1	100.0	86.4
1983 & Planned Cap.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap.	(37.0)	(41.0)	(46.0)	(54.0)	(59.0)	(70.0)	(70.0)	(70.0)	(69.0)
% Capacity Utiliz.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Baseline Classroom Requirements	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.6	1.7
Project-Related Classroom Require.	.5	.6	.8	1.1	1.3	1.8	1.7	1.6	1.5
Total Classroom Requirements	1.7	1.9	2.1	2.5	2.8	3.3	3.3	3.3	3.2

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE COMMUNITY OF TRAPPER CREEK - TOTAL SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED ENROLLMENT									

Direct Project	17.0	22.0	28.0	39.0	46.0	59.0	58.0	54.0	50.0
Total Project	23.0	30.0	38.0	54.0	64.0	82.0	80.0	75.0	69.0
BASELINE	56.0	58.0	61.0	63.0	66.0	69.0	72.0	76.0	80.0

TOTAL ENROLLMENT	79.0	88.0	99.0	117.0	130.0	151.0	152.0	151.0	149.0
=====									
Direct Enroll. As % Increase Over Basel.	30.3	37.9	45.9	61.9	69.7	85.5	80.5	71.0	62.5
Total Enroll. As % Increase Over Basel.	41.0	51.7	62.3	85.7	96.9	118.8	111.1	98.6	86.2
1983 & Planned Cap.	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
Excess (Under) Cap.	(29.0)	(38.0)	(49.0)	(67.0)	(80.0)	(101.0)	(102.0)	(101.0)	(99.0)
% Capacity Utiliz.	158.0	176.0	198.0	234.0	260.0	302.0	304.0	302.0	298.0
Baseline Classroom Requirements	2.4	2.5	2.6	2.7	2.8	3.0	3.1	3.3	3.4
Project-Related Classroom Require.	1.0	1.3	1.6	2.3	2.7	3.5	3.4	3.2	3.0
Total Classroom Requirements	3.4	3.8	4.3	5.0	5.6	6.5	6.6	6.5	6.4

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
IN THE COMMUNITY OF TALKEETNA - PRIMARY SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED ENROLLMENT									

Direct Project	8.0	10.0	12.0	18.0	21.0	27.0	27.0	25.0	22.0
Total Project	9.0	11.0	14.0	21.0	24.0	31.0	31.0	28.0	25.0
BASELINE	44.0	46.0	49.0	51.0	54.0	57.0	61.0	64.0	68.0

TOTAL ENROLLMENT	53.0	57.0	63.0	72.0	78.0	88.0	92.0	92.0	93.0
=====									
Direct Enroll. As % Increase Over Basel.	18.1	21.7	24.4	35.2	38.8	47.3	44.2	39.0	32.3
Total Enroll. As % Increase Over Basel.	20.4	23.9	28.5	41.1	44.4	54.3	50.8	43.7	36.7
1983 & Planned Cap.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Excess (Under) Cap.	47.0	43.0	37.0	28.0	22.0	12.0	8.0	8.0	7.0
% Capacity Utiliz.	53.0	57.0	63.0	72.0	78.0	88.0	92.0	92.0	93.0
Baseline Classroom Requirements	1.7	1.8	1.9	2.0	2.1	2.2	2.4	2.5	2.7
Project-Related Classroom Require.	.3	.4	.5	.8	.9	1.2	1.2	1.1	1.0
Total Classroom Requirements	2.1	2.2	2.5	2.8	3.1	3.5	3.6	3.6	3.7

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE COMMUNITY OF TALKÉETNA - SECONDARY SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED ENROLLMENT									
Direct Project	6.0	9.0	11.0	16.0	18.0	23.0	23.0	21.0	19.0
Total Project	7.0	10.0	13.0	18.0	21.0	26.0	26.0	24.0	22.0
BASELINE	38.0	39.0	41.0	44.0	46.0	49.0	52.0	55.0	58.0
TOTAL ENROLLMENT	45.0	49.0	54.0	62.0	67.0	75.0	78.0	79.0	80.0
Direct Enroll. As % Increase Over Basel.	15.7	23.0	26.8	36.3	39.1	46.9	44.2	38.1	32.7
Total Enroll. As % Increase Over Basel.	18.4	25.6	31.7	40.9	45.6	53.0	50.0	43.6	37.9
1983 & Planned Cap.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap.	(45.0)	(49.0)	(54.0)	(62.0)	(67.0)	(75.0)	(78.0)	(79.0)	(80.0)
% Capacity Utiliz.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Baseline Classroom Requirements	1.8	1.8	1.9	2.1	2.1	2.3	2.4	2.6	2.7
Project-Related Classroom Require.	.3	.4	.6	.8	1.0	1.2	1.2	1.1	1.0
Total Classroom Requirements	2.1	2.3	2.5	2.9	3.1	3.5	3.7	3.7	3.8

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE COMMUNITY OF TALKEETNA - TOTAL SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED ENROLLMENT									
Direct Project	14.0	19.0	23.0	34.0	39.0	50.0	50.0	46.0	41.0
Total Project	16.0	21.0	27.0	39.0	45.0	57.0	57.0	52.0	47.0
BASELINE	82.0	85.0	90.0	95.0	100.0	106.0	113.0	119.0	126.0
TOTAL ENROLLMENT	98.0	106.0	117.0	134.0	145.0	163.0	170.0	171.0	173.0
Direct Enroll. As % Increase Over Baseline	17.0	22.3	25.5	35.7	39.0	47.1	44.2	38.6	32.5
Total Enroll. As % Increase Over Baseline	19.5	24.7	30.0	41.0	45.0	53.7	50.4	43.7	37.3
1983 & Planned Cap.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Excess (Under) Cap.	2.0	(6.0)	(17.0)	(34.0)	(45.0)	(63.0)	(70.0)	(71.0)	(73.0)
% Capacity Utiliz.	98.0	106.0	117.0	134.0	145.0	163.0	170.0	171.0	173.0
Baseline Classroom Requirements	3.5	3.7	3.9	4.1	4.3	4.6	4.9	5.1	5.4
Project-Related Classroom Require.	.6	.9	1.1	1.7	1.9	2.4	2.4	2.2	2.0
Total Classroom Requirements	4.2	4.6	5.0	5.8	6.3	7.0	7.3	7.4	7.5

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE MATANUSKA-SUSITNA BOROUGH - PRIMARY SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED ENROLLMENT									
Direct Project	54.0	70.0	277.0	315.0	336.0	377.0	373.0	362.0	333.0
Total Project	63.0	81.0	292.0	337.0	361.0	410.0	405.0	391.0	361.0
BASELINE	4337.0	4632.0	4877.0	5116.0	5480.0	5911.0	6200.0	6658.0	7019.0
TOTAL ENROLLMENT	4400.0	4713.0	5169.0	5453.0	5841.0	6321.0	6605.0	7049.0	7380.0
Direct Enroll. As % Increase Over Basel.	1.2	1.5	5.6	6.1	6.1	6.3	6.0	5.4	4.7
Total Enroll. As % Increase Over Basel.	1.4	1.7	5.9	6.5	6.5	6.9	6.5	5.8	5.1
1983 & Planned Cap.	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0
Excess (Under) Cap.	435.0	122.0	(334.0)	(618.0)	(1006.0)	(1486.0)	(1770.0)	(2214.0)	(2545.0)
% Capacity Utiliz.	91.0	97.4	106.9	112.7	120.8	130.7	136.6	145.7	152.6
Baseline Classroom Requirements	173.4	185.2	195.0	204.6	219.2	236.4	248.0	266.3	280.7
Project-Related Classroom Require.	2.5	3.2	11.6	13.4	14.4	16.4	16.2	15.6	14.4
Total Classroom Requirements	176.0	188.5	206.7	218.1	233.6	252.8	264.2	281.9	295.2

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE MATANUSKA-SUSITNA BOROUGH - SECONDARY SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED ENROLLMENT									
Direct Project	46.0	60.0	236.0	269.0	286.0	321.0	317.0	309.0	284.0
Total Project	54.0	70.0	249.0	288.0	308.0	349.0	344.0	334.0	307.0
BASELINE	3694.0	3946.0	4154.0	4358.0	4668.0	5036.0	5281.0	5672.0	5979.0
TOTAL ENROLLMENT	3748.0	4016.0	4403.0	4646.0	4976.0	5385.0	5625.0	6006.0	6286.0
Direct Enroll. As % Increase Over Baseline	1.2	1.5	5.6	6.1	6.1	6.3	6.0	5.4	4.7
Total Enroll. As % Increase Over Baseline	1.4	1.7	5.9	6.6	6.6	6.9	6.5	5.8	5.1
1983 & Planned Cap.	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0
Excess (Under) Cap.	332.0	64.0	(323.0)	(566.0)	(896.0)	(1305.0)	(1545.0)	(1926.0)	(2206.0)
% Capacity Utiliz.	91.8	98.4	107.9	113.8	121.9	131.9	137.8	147.2	154.0
Baseline Classroom Requirements	175.9	187.9	197.8	207.5	222.2	239.8	251.4	270.1	284.7
Project-Related Classroom Require.	2.5	3.3	11.8	13.7	14.6	16.6	16.3	15.9	14.6
Total Classroom Requirements	178.4	191.2	209.6	221.2	236.9	256.4	267.8	286.0	299.3

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE MATANUSKA-SUSITNA BOROUGH - TOTAL SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED ENROLLMENT									
Direct Project	100.0	130.0	513.0	584.0	622.0	698.0	690.0	671.0	617.0
Total Project	117.0	151.0	541.0	625.0	669.0	759.0	749.0	725.0	668.0
BASELINE	8031.0	8578.0	9031.0	9474.0	10148.0	10947.0	11481.0	12330.0	12998.0
TOTAL ENROLLMENT	8148.0	8729.0	9572.0	10099.0	10817.0	11706.0	12230.0	13055.0	13666.0
Direct Enroll. As % Increase Over Basel.	1.2	1.5	5.6	6.1	6.1	6.3	6.0	5.4	4.7
Total Enroll. As % Increase Over Basel.	1.4	1.7	5.9	6.6	6.5	6.9	6.5	5.8	5.1
1983 & Planned Cap.	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0
Excess (Under) Cap.	767.0	186.0	(657.0)	(1184.0)	(1902.0)	(2791.0)	(3315.0)	(4140.0)	(4751.0)
% Capacity Utiliz.	91.4	97.9	107.3	113.2	121.3	131.3	137.1	146.4	153.2
Baseline Classroom Requirements	349.3	373.1	392.8	412.1	441.4	476.2	499.4	536.4	565.4
Project-Related Classroom Require.	5.0	6.5	23.5	27.1	29.1	33.0	32.5	31.5	29.0
Total Classroom Requirements	354.4	379.7	416.4	439.3	470.5	509.2	532.0	567.9	594.5

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES (OFF-SITE)
 IN THE MATANUSKA-SUSITNA BOROUGH - PRIMARY SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED ENROLLMENT									
Direct Project	54.0	70.0	87.0	126.0	146.0	187.0	183.0	173.0	157.0
Total Project	63.0	82.0	102.0	148.0	172.0	220.0	215.0	202.0	185.0
BASELINE									
	4336.7	4632.2	4876.7	5116.1	5480.2	5911.3	6199.5	6658.1	7018.8
TOTAL ENROLLMENT									
	4399.7	4714.2	4978.7	5264.1	5652.2	6131.3	6414.5	6860.1	7203.8
Direct Enroll. As % Increase Over Baseline									
	1.2	1.5	1.7	2.4	2.6	3.1	2.9	2.6	2.2
Total Enroll. As % Increase Over Baseline									
	1.4	1.7	2.0	2.8	3.1	3.7	3.4	3.0	2.6
1983 & Planned Cap.	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0
Excess (Under) Cap.	435.2	120.7	(143.7)	(429.1)	(817.2)	(1296.3)	(1579.5)	(2025.1)	(2368.8)
% Capacity Utiliz.	91.0	97.5	102.9	108.8	116.9	126.8	132.6	141.8	148.9
Baseline Classroom Requirements									
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Project-Related Classroom Require.									
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Classroom Requirements									
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE MATANUSKA-SUSITNA BOROUGH - SECONDARY SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED ENROLLMENT									

Direct Project	46.0	60.0	74.0	107.0	125.0	160.0	156.0	147.0	133.0
Total Project	54.0	70.0	87.0	126.0	147.0	188.0	183.0	172.0	157.0
BASELINE	3694.2	3946.0	4154.2	4358.1	4668.3	5035.5	5281.1	5671.7	5979.0

TOTAL ENROLLMENT	3748.2	4016.0	4241.2	4484.1	4815.3	5223.5	5464.1	5843.7	6136.0
=====									
Direct Enroll. As % Increase Over Basel.	1.2	1.5	1.7	2.4	2.6	3.1	2.9	2.5	2.2
Total Enroll. As % Increase Over Basel.	1.4	1.7	2.0	2.8	3.1	3.7	3.4	3.0	2.6
1983 & Planned Cap.	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0
Excess (Under) Cap.	331.7	63.9	(161.2)	(404.1)	(735.3)	(1143.5)	(1384.1)	(1763.7)	(2056.0)
% Capacity Utiliz.	91.8	98.4	103.9	109.9	118.0	128.0	133.9	143.2	150.3
Baseline Classroom Requirements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Project-Related Classroom Require.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Classroom Requirements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
IN THE MATANUSKA-SUSITNA BOROUGH - TOTAL SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED ENROLLMENT									

Direct Project	100.0	130.0	161.0	233.0	271.0	347.0	339.0	320.0	290.0
Total Project	117.0	152.0	189.0	274.0	319.0	408.0	398.0	374.0	342.0
BASELINE	8031.0	8578.2	9031.0	9474.3	10148.6	10946.8	11480.7	12329.9	12997.8

TOTAL ENROLLMENT	8148.0	8730.2	9220.0	9748.3	10467.6	11354.8	11878.7	12703.9	13339.8
=====									
Direct Enroll. As % Increase Over Basel.	1.2	1.5	1.7	2.4	2.6	3.1	2.9	2.6	2.2
Total Enroll. As % Increase Over Basel.	1.4	1.7	2.0	2.8	3.1	3.7	3.4	3.0	2.6
1983 & Planned Cap.	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0
Excess (Under) Cap. % Capacity Utiliz.	766.9 91.4	184.7 97.9	(305.0) 103.4	(833.3) 109.3	(1552.6) 117.4	(2439.8) 127.3	(2963.7) 133.2	(3788.9) 142.5	(4424.8) 149.6
Baseline Classroom Requirements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Project-Related Classroom Require.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Classroom Requirements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE CITY OF HOUSTON - PRIMARY SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED ENROLLMENT									
Direct Project	5.0	7.0	9.0	12.0	14.0	18.0	18.0	17.0	16.0
Total Project	5.0	7.0	10.0	13.0	15.0	19.0	19.0	18.0	17.0
BASELINE	90.0	99.0	109.0	120.0	133.0	148.0	164.0	182.0	201.0
TOTAL ENROLLMENT	95.0	106.0	119.0	133.0	148.0	167.0	183.0	200.0	218.0
Direct Enroll. As % Increase Over Basel.	5.5	7.0	8.2	10.0	10.5	12.1	10.9	9.3	7.9
Total Enroll. As % Increase Over Basel.	5.5	7.0	9.1	10.8	11.2	12.8	11.5	9.8	8.4
1983 & Planned Cap.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap.	(95.0)	(106.0)	(119.0)	(133.0)	(148.0)	(167.0)	(183.0)	(200.0)	(218.0)
% Capacity Utiliz.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Baseline Classroom Requirements	3.6	3.9	4.3	4.8	5.3	5.9	6.5	7.2	8.0
Project-Related Classroom Require.	.2	.2	.4	.5	.6	.7	.7	.7	.6
Total Classroom Requirements	3.8	4.2	4.7	5.3	5.9	6.6	7.3	8.0	8.7

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE CITY OF HOUSTON - SECONDARY SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED ENROLLMENT									

Direct Project	5.0	6.0	7.0	11.0	12.0	16.0	15.0	15.0	13.0
Total Project	5.0	6.0	8.0	12.0	13.0	17.0	16.0	16.0	14.0

BASELINE	77.0	85.0	93.0	102.0	114.0	126.0	140.0	155.0	172.0

TOTAL ENROLLMENT	82.0	91.0	101.0	114.0	127.0	143.0	156.0	171.0	186.0
=====									
Direct Enroll. As % Increase Over Basel.	6.4	7.0	7.5	10.7	10.5	12.7	10.7	9.6	7.5
Total Enroll. As % Increase Over Basel.	6.4	7.0	8.6	11.7	11.4	13.4	11.4	10.3	8.1
1983 & Planned Cap.	0.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0
Excess (Under) Cap.	(82.0)	509.0	499.0	486.0	473.0	457.0	444.0	429.0	414.0
% Capacity Utiliz.	0.0	15.1	16.8	19.0	21.1	23.8	26.0	28.5	31.0
Baseline Classroom Requirements	3.6	4.0	4.4	4.8	5.4	6.0	6.6	7.3	8.1
Project-Related Classroom Require.	.2	.2	.3	.5	.6	.8	.7	.7	.6
Total Classroom Requirements	3.9	4.3	4.8	5.4	6.0	6.8	7.4	8.1	8.8

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE CITY OF HOUSTON - TOTAL SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED ENROLLMENT									
Direct Project	10.0	13.0	16.0	23.0	26.0	34.0	33.0	32.0	29.0
Total Project	10.0	13.0	18.0	25.0	28.0	36.0	35.0	34.0	31.0
BASELINE	167.0	184.0	202.0	222.0	247.0	274.0	304.0	337.0	373.0
TOTAL ENROLLMENT	177.0	197.0	220.0	247.0	275.0	310.0	339.0	371.0	404.0
Direct Enroll. As % Increase Over Baseline	5.9	7.0	7.9	10.3	10.5	12.4	10.8	9.5	7.7
Total Enroll. As % Increase Over Baseline	5.9	7.0	8.9	11.2	11.3	13.1	11.5	10.0	8.3
1983 & Planned Cap.	0.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0
Excess (Under) Cap.	(177.0)	403.0	380.0	353.0	325.0	290.0	261.0	229.0	196.0
% Capacity Utiliz.	0.0	32.8	36.6	41.1	45.8	51.6	56.5	61.8	67.3
Baseline Classroom Requirements	7.2	8.0	8.7	9.6	10.7	11.9	13.2	14.6	16.2
Project-Related Classroom Require.	.4	.5	.7	1.0	1.2	1.5	1.5	1.4	1.3
Total Classroom Requirements	7.7	8.5	9.5	10.7	11.9	13.4	14.7	16.1	17.5

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 ON-SITE - PRIMARY SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED ENROLLMENT									

Direct Project	0.0	0.0	190.0	190.0	190.0	190.0	190.0	190.0	176.0
Total Project	0.0	0.0	190.0	190.0	190.0	190.0	190.0	190.0	176.0
BASELINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL ENROLLMENT	0.0	0.0	190.0	190.0	190.0	190.0	190.0	190.0	176.0
=====									
Direct Enroll. As % Increase Over Baseline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Enroll. As % Increase Over Baseline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983 & Planned Cap.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap.	0.0	0.0	(190.0)	(190.0)	(190.0)	(190.0)	(190.0)	(190.0)	(176.0)
% Capacity Utiliz.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Baseline Classroom Requirements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Project-Related Classroom Require.	0.0	0.0	7.6	7.6	7.6	7.6	7.6	7.6	7.0
Total Classroom Requirements	0.0	0.0	7.6	7.6	7.6	7.6	7.6	7.6	7.0

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 ON-SITE - SECONDARY SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED ENROLLMENT									
Direct Project	0.0	0.0	161.0	161.0	161.0	161.0	161.0	161.0	150.0
Total Project	0.0	0.0	190.0	190.0	190.0	190.0	190.0	190.0	176.0
BASELINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ENROLLMENT	0.0	0.0	190.0	190.0	190.0	190.0	190.0	190.0	176.0
Direct Enroll. As % Increase Over Basel.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Enroll. As % Increase Over Basel.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983 & Planned Cap.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap. % Capacity Utiliz.	0.0 0.0	0.0 0.0	(190.0) 0.0	(190.0) 0.0	(190.0) 0.0	(190.0) 0.0	(190.0) 0.0	(190.0) 0.0	(176.0) 0.0
Baseline Classroom Requirements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Project-Related Classroom Require.	0.0	0.0	7.6	7.6	7.6	7.6	7.6	7.6	7.1
Total Classroom Requirements	0.0	0.0	7.6	7.6	7.6	7.6	7.6	7.6	7.1

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 ON-SITE - TOTAL SCHOOL CHILDREN

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED ENROLLMENT									

Direct Project	0.0	0.0	351.0	351.0	351.0	351.0	351.0	351.0	326.0
Total Project	0.0	0.0	351.0	351.0	351.0	351.0	351.0	351.0	326.0
BASELINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL ENROLLMENT	0.0	0.0	351.0	351.0	351.0	351.0	351.0	351.0	326.0
=====									
Direct Enroll. As % Increase Over Basel.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Enroll. As % Increase Over Basel.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983 & Planned Cap.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap. % Capacity Utiliz.	0.0 0.0	0.0 0.0	(351.0) 0.0	(351.0) 0.0	(351.0) 0.0	(351.0) 0.0	(351.0) 0.0	(351.0) 0.0	(326.0) 0.0
Baseline Classroom Requirements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Project-Related Classroom Require.	0.0	0.0	15.2	15.2	15.2	15.2	15.2	15.2	14.1
Total Classroom Requirements	0.0	0.0	15.2	15.2	15.2	15.2	15.2	15.2	14.1

Excess

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
IN THE COMMUNITY OF CANTWELL

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED ENROLLMENT									
Direct Project	94.0	126.0	94.0	137.0	157.0	204.0	200.0	187.0	170.0
Total Project	100.0	134.0	101.0	146.0	168.0	217.0	213.0	200.0	181.0
BASELINE	37.0	37.0	37.0	39.0	39.0	40.0	41.0	41.0	42.0
TOTAL ENROLLMENT	137.0	171.0	138.0	185.0	207.0	257.0	254.0	241.0	223.0
Direct Enroll. As % Increase Over Basel.	254.0	340.5	254.0	351.2	402.5	510.0	487.8	456.1	404.7
Total Enroll. As % Increase Over Basel.	270.2	362.1	272.9	374.3	430.7	542.5	519.5	487.8	430.9
1983 & Planned Cap.	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
Excess (Under) Cap. % Capacity Utiliz.	(77.0) 228.3	(111.0) 285.0	(78.0) 230.0	(125.0) 308.3	(147.0) 345.0	(197.0) 428.3	(194.0) 423.3	(181.0) 401.6	(163.0) 371.6
Baseline Classroom Requirements	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2
Project-Related Classroom Require.	3.0	4.1	3.0	4.4	5.1	6.6	6.5	6.1	5.5
Total Classroom Requirements	4.2	5.2	4.2	5.6	6.3	7.8	7.8	7.4	6.8

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE CITY OF PALMER - PRIMARY SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	13.0	12.0	13.0	14.0	14.0	14.0	14.0	13.0	12.0	12.0	12.0	12.0
Total Project	15.0	14.0	15.0	16.0	16.0	16.0	16.0	15.0	14.0	14.0	14.0	14.0
BASELINE												
TOTAL ENROLLMENT	645.0	671.0	700.0	731.0	761.0	793.0	826.0	854.0	882.0	912.0	944.0	976.0
Direct Enroll. As % Increase Over Basel.	2.0	1.8	1.9	1.9	1.8	1.8	1.7	1.5	1.3	1.3	1.2	1.2
Total Enroll. As % Increase Over Basel.	2.3	2.1	2.1	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.5	1.4
1983 & Planned Cap.	725.0	725.0	725.0	725.0	725.0	725.0	725.0	725.0	725.0	725.0	725.0	725.0
Excess (Under) Cap. % Capacity Utiliz.	80.0 88.9	54.0 92.5	25.0 96.5	(6.0) 100.8	(36.0) 104.9	(68.0) 109.3	(101.0) 113.9	(129.0) 117.7	(157.0) 121.6	(187.0) 125.7	(219.0) 130.2	(251.0) 134.6
Baseline Classroom Requirements	25.2	26.2	27.4	28.6	29.8	31.0	32.4	33.5	34.7	35.9	37.2	38.4
Project-Related Classroom Require.	.6	.5	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5
Total Classroom Requirements	25.8	26.8	28.0	29.2	30.4	31.7	33.0	34.1	35.2	36.4	37.7	39.0

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
IN THE CITY OF PALMER - SECONDARY SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	11.0	11.0	11.0	12.0	12.0	12.0	12.0	11.0	11.0	11.0	11.0	11.0
Total Project	13.0	13.0	13.0	14.0	14.0	14.0	14.0	13.0	12.0	12.0	12.0	12.0
BASELINE	537.0	560.0	584.0	609.0	635.0	662.0	690.0	714.0	739.0	765.0	792.0	820.0
TOTAL ENROLLMENT	550.0	573.0	597.0	623.0	649.0	676.0	704.0	727.0	751.0	777.0	804.0	832.0
Direct Enroll. As % Increase Over Baseline	2.0	1.9	1.8	1.9	1.8	1.8	1.7	1.5	1.4	1.4	1.3	1.3
Total Enroll. As % Increase Over Baseline	2.4	2.3	2.2	2.3	2.2	2.1	2.0	1.8	1.6	1.5	1.5	1.4
1983 & Planned Cap.	1600.0	1600.0	1600.0	1600.0	1600.0	1600.0	1600.0	1600.0	1600.0	1600.0	1600.0	1600.0
Excess (Under) Cap.	1050.0	1027.0	1003.0	977.0	951.0	924.0	896.0	873.0	849.0	823.0	796.0	768.0
% Capacity Utiliz.	34.3	35.8	37.3	38.9	40.5	42.2	44.0	45.4	46.9	48.5	50.2	52.0
Baseline Classroom Requirements	25.5	26.6	27.8	29.0	30.2	31.5	32.8	34.0	35.1	36.4	37.7	39.0
Project-Related Classroom Require.	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5
Total Classroom Requirements	26.1	27.2	28.4	29.6	30.9	32.1	33.5	34.6	35.7	37.0	38.2	39.6

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE CITY OF PALMER - TOTAL SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	24.0	23.0	24.0	26.0	26.0	26.0	26.0	24.0	23.0	23.0	23.0	23.0
Total Project	28.0	27.0	28.0	30.0	30.0	30.0	30.0	28.0	26.0	26.0	26.0	26.0
BASELINE												
	1167.0	1217.0	1269.0	1324.0	1380.0	1439.0	1500.0	1553.0	1607.0	1663.0	1722.0	1782.0
TOTAL ENROLLMENT												
	1195.0	1244.0	1297.0	1354.0	1410.0	1469.0	1530.0	1581.0	1633.0	1689.0	1748.0	1808.0
Direct Enroll. As % Increase Over Basel.	2.0	1.8	1.8	1.9	1.8	1.8	1.7	1.5	1.4	1.3	1.3	1.2
Total Enroll. As % Increase Over Basel.	2.4	2.2	2.2	2.2	2.1	2.0	2.0	1.8	1.6	1.5	1.5	1.4
1983 & Planned Cap.	2325.0	2325.0	2325.0	2325.0	2325.0	2325.0	2325.0	2325.0	2325.0	2325.0	2325.0	2325.0
Excess (Under) Cap.	1130.0	1081.0	1028.0	971.0	915.0	856.0	795.0	744.0	692.0	636.0	577.0	517.0
% Capacity Utiliz.	51.4	53.5	55.7	58.2	60.6	63.1	65.8	68.0	70.2	72.6	75.1	77.7
Baseline Classroom Requirements	50.7	52.9	55.2	57.6	60.0	62.6	65.2	67.5	69.9	72.3	74.9	77.5
Project-Related Classroom Require.	1.2	1.1	1.2	1.3	1.3	1.3	1.3	1.2	1.1	1.1	1.1	1.1
Total Classroom Requirements	51.9	54.1	56.4	58.9	61.3	63.9	66.5	68.7	71.0	73.4	76.0	78.6

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE CITY OF WASILLA - PRIMARY SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	16.0	15.0	16.0	16.0	16.0	16.0	16.0	16.0	15.0	14.0	14.0	14.0
Total Project	18.0	17.0	18.0	18.0	18.0	18.0	18.0	18.0	17.0	16.0	16.0	16.0
BASELINE	842.0	912.0	988.0	1070.0	1159.0	1255.0	1359.0	1461.0	1570.0	1688.0	1815.0	1951.0
TOTAL ENROLLMENT	860.0	929.0	1006.0	1088.0	1177.0	1273.0	1377.0	1479.0	1587.0	1704.0	1831.0	1967.0
Direct Enroll. As % Increase Over Baseline	1.9	1.6	1.6	1.5	1.3	1.2	1.1	1.1	.9	.8	.7	.7
Total Enroll. As % Increase Over Baseline	2.1	1.8	1.8	1.6	1.5	1.4	1.3	1.2	1.0	.9	.8	.8
1983 & Planned Cap.	1050.0	1050.0	1050.0	1050.0	1050.0	1050.0	1050.0	1050.0	1050.0	1050.0	1050.0	1050.0
Excess (Under) Cap.	190.0	121.0	44.0	(38.0)	(127.0)	(223.0)	(327.0)	(429.0)	(537.0)	(654.0)	(781.0)	(917.0)
% Capacity Utiliz.	81.9	88.4	95.8	103.6	112.1	121.2	131.1	140.8	151.1	162.2	174.3	187.3
Baseline Classroom Requirements	33.6	36.4	39.5	42.8	46.3	50.2	54.3	58.4	62.8	67.5	72.6	78.0
Project-Related Classroom Require.	.7	.6	.7	.7	.7	.7	.7	.7	.6	.6	.6	.6
Total Classroom Requirements	34.4	37.1	40.2	43.5	47.0	50.9	55.0	59.1	63.4	68.1	73.2	78.6

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
IN THE CITY OF WASILLA - SECONDARY SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	13.0	13.0	13.0	13.0	14.0	14.0	14.0	13.0	12.0	12.0	12.0	12.0
Total Project	15.0	15.0	15.0	15.0	16.0	16.0	16.0	15.0	13.0	13.0	13.0	13.0
BASELINE	717.0	777.0	842.0	911.0	987.0	1069.0	1158.0	1245.0	1338.0	1438.0	1546.0	1662.0
TOTAL ENROLLMENT	732.0	792.0	857.0	926.0	1003.0	1085.0	1174.0	1260.0	1351.0	1451.0	1559.0	1675.0
Direct Enroll. As % Increase Over Basel.	1.8	1.6	1.5	1.4	1.4	1.3	1.2	1.0	.9	.8	.7	.7
Total Enroll. As % Increase Over Basel.	2.0	1.9	1.7	1.6	1.6	1.5	1.3	1.2	.9	.9	.8	.7
1983 & Planned Cap.	1800.0	1800.0	1800.0	1800.0	1800.0	1800.0	1800.0	1800.0	1800.0	1800.0	1800.0	1800.0
Excess (Under) Cap. % Capacity Utiliz.	1068.0 40.6	1008.0 44.0	943.0 47.6	874.0 51.4	797.0 55.7	715.0 60.2	626.0 65.2	540.0 70.0	449.0 75.0	349.0 80.6	241.0 86.6	125.0 93.0
Baseline Classroom Requirements	34.1	37.0	40.1	43.3	47.0	50.9	55.1	59.2	63.7	68.4	73.6	79.1
Project-Related Classroom Require.	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6	.6	.6
Total Classroom Requirements	34.8	37.7	40.8	44.1	47.7	51.6	55.9	60.0	64.3	69.1	74.2	79.7

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE CITY OF WASILLA - TOTAL SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	29.0	28.0	29.0	29.0	30.0	30.0	30.0	29.0	27.0	26.0	26.0	26.0
Total Project	33.0	32.0	33.0	33.0	34.0	34.0	34.0	33.0	30.0	29.0	29.0	29.0
BASELINE	1559.0	1689.0	1830.0	1981.0	2146.0	2324.0	2517.0	2706.0	2908.0	3126.0	3361.0	3613.0
TOTAL ENROLLMENT	1592.0	1721.0	1863.0	2014.0	2180.0	2358.0	2551.0	2739.0	2938.0	3155.0	3390.0	3642.0
Direct Enroll. As % Increase Over Baseline	1.8	1.6	1.5	1.4	1.4	1.2	1.1	1.0	.9	.8	.7	.7
Total Enroll. As % Increase Over Baseline	2.1	1.8	1.8	1.6	1.5	1.4	1.3	1.2	1.0	.9	.8	.8
1983 & Planned Cap.	2850.0	2850.0	2850.0	2850.0	2850.0	2850.0	2850.0	2850.0	2850.0	2850.0	2850.0	2850.0
Excess (Under) Cap. % Capacity Utiliz.	1258.0 55.8	1129.0 60.3	987.0 65.3	836.0 70.6	670.0 76.4	492.0 82.7	299.0 89.5	111.0 96.1	(88.0) 103.0	(305.0) 110.7	(540.0) 118.9	(792.0) 127.7
Baseline Classroom Requirements	67.8	73.4	79.6	86.1	93.3	101.1	109.5	117.7	126.5	136.0	146.2	157.1
Project-Related Classroom Require.	1.4	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.2	1.2	1.2
Total Classroom Requirements	69.2	74.8	81.0	87.6	94.8	102.5	110.9	119.1	127.8	137.2	147.4	158.4

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE COMMUNITY OF TRAPPER CREEK - PRIMARY SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	26.0	25.0	26.0	27.0	28.0	28.0	27.0	26.0	24.0	24.0	24.0	24.0
Total Project	35.0	34.0	35.0	37.0	38.0	39.0	37.0	35.0	33.0	33.0	33.0	33.0
BASELINE	45.0	47.0	50.0	52.0	54.0	57.0	60.0	62.0	65.0	67.0	70.0	73.0
TOTAL ENROLLMENT	80.0	81.0	85.0	89.0	92.0	96.0	97.0	97.0	98.0	100.0	103.0	106.0
Direct Enroll. As % Increase Over Basel.	57.7	53.1	52.0	51.9	51.8	49.1	45.0	41.9	36.9	35.8	34.2	32.8
Total Enroll. As % Increase Over Basel.	77.7	72.3	70.0	71.1	70.3	68.4	61.6	56.4	50.7	49.2	47.1	45.2
1983 & Planned Cap.	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
Excess (Under) Cap. % Capacity Utiliz.	(30.0) 160.0	(31.0) 162.0	(35.0) 170.0	(39.0) 178.0	(42.0) 184.0	(46.0) 192.0	(47.0) 194.0	(47.0) 194.0	(48.0) 196.0	(50.0) 200.0	(53.0) 206.0	(56.0) 212.0
Baseline Classroom Requirements	1.8	1.8	2.0	2.0	2.1	2.2	2.4	2.4	2.6	2.6	2.8	2.9
Project-Related Classroom Require.	1.4	1.3	1.4	1.4	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.3
Total Classroom Requirements	3.2	3.2	3.4	3.5	3.6	3.8	3.8	3.8	3.9	4.0	4.1	4.2

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE COMMUNITY OF TRAPPER CREEK - SECONDARY SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	22.0	21.0	22.0	23.0	24.0	24.0	23.0	22.0	21.0	21.0	21.0	21.0
Total Project	30.0	29.0	30.0	32.0	33.0	33.0	32.0	30.0	28.0	28.0	28.0	28.0
BASELINE	38.0	40.0	42.0	44.0	46.0	49.0	51.0	53.0	55.0	57.0	59.0	62.0
TOTAL ENROLLMENT	68.0	69.0	72.0	76.0	79.0	82.0	83.0	83.0	83.0	85.0	87.0	90.0
Direct Enroll. As % Increase Over Basel.	57.8	52.5	52.3	52.2	52.1	48.9	45.1	41.5	38.1	36.8	35.5	33.8
Total Enroll. As % Increase Over Basel.	78.9	72.5	71.4	72.7	71.7	67.3	62.7	56.6	50.9	49.1	47.4	45.1
1983 & Planned Cap.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap. % Capacity Utiliz.	(68.0) 0.0	(69.0) 0.0	(72.0) 0.0	(76.0) 0.0	(79.0) 0.0	(82.0) 0.0	(83.0) 0.0	(83.0) 0.0	(83.0) 0.0	(85.0) 0.0	(87.0) 0.0	(90.0) 0.0
Baseline Classroom Requirements	1.8	1.9	2.0	2.1	2.1	2.3	2.4	2.5	2.6	2.7	2.8	2.9
Project-Related Classroom Require.	1.4	1.3	1.4	1.5	1.5	1.5	1.5	1.4	1.3	1.3	1.3	1.3
Total Classroom Requirements	3.2	3.2	3.4	3.6	3.7	3.9	3.9	3.9	3.9	4.0	4.1	4.2

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE COMMUNITY OF TRAPPER CREEK - TOTAL SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	48.0	46.0	48.0	50.0	52.0	52.0	50.0	48.0	45.0	45.0	45.0	45.0
Total Project	65.0	63.0	65.0	69.0	71.0	72.0	69.0	65.0	61.0	61.0	61.0	61.0
BASELINE	83.0	87.0	92.0	96.0	100.0	106.0	111.0	115.0	120.0	124.0	129.0	135.0
TOTAL ENROLLMENT	148.0	150.0	157.0	165.0	171.0	178.0	180.0	180.0	181.0	185.0	190.0	196.0
Direct Enroll. As % Increase Over Baseline	57.8	52.8	52.1	52.0	52.0	49.0	45.0	41.7	37.5	36.2	34.8	33.3
Total Enroll. As % Increase Over Baseline	78.3	72.4	70.6	71.8	71.0	67.9	62.1	56.5	50.8	49.1	47.2	45.1
1983 & Planned Cap.	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
Excess (Under) Cap.	(98.0)	(100.0)	(107.0)	(115.0)	(121.0)	(128.0)	(130.0)	(130.0)	(131.0)	(135.0)	(140.0)	(146.0)
% Capacity Utiliz.	296.0	300.0	314.0	330.0	342.0	356.0	360.0	360.0	362.0	370.0	380.0	392.0
Baseline Classroom Requirements	3.6	3.7	4.0	4.1	4.3	4.6	4.8	5.0	5.2	5.3	5.6	5.8
Project-Related Classroom Require.	2.8	2.7	2.8	3.0	3.0	3.1	3.0	2.8	2.6	2.6	2.6	2.6
Total Classroom Requirements	6.4	6.5	6.8	7.1	7.4	7.7	7.8	7.8	7.8	8.0	8.2	8.5

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE COMMUNITY OF TALKEETNA - PRIMARY SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	22.0	22.0	22.0	23.0	24.0	24.0	23.0	22.0	21.0	21.0	21.0	21.0
Total Project	25.0	25.0	25.0	26.0	28.0	27.0	27.0	25.0	24.0	24.0	24.0	24.0
BASELINE												
	72.0	76.0	80.0	85.0	90.0	95.0	101.0	106.0	111.0	116.0	122.0	128.0
TOTAL ENROLLMENT												
	97.0	101.0	105.0	111.0	118.0	122.0	128.0	131.0	135.0	140.0	146.0	152.0
Direct Enroll. As % Increase Over Basel.												
	30.5	28.9	27.5	27.0	26.6	25.2	22.7	20.7	18.9	18.1	17.2	16.4
Total Enroll. As % Increase Over Basel.												
	34.7	32.8	31.2	30.5	31.1	28.4	26.7	23.5	21.6	20.6	19.6	18.7
1983 & Planned Cap.												
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Excess (Under) Cap. % Capacity Utiliz.												
	3.0 97.0	(1.0) 101.0	(5.0) 105.0	(11.0) 111.0	(18.0) 118.0	(22.0) 122.0	(28.0) 128.0	(31.0) 131.0	(35.0) 135.0	(40.0) 140.0	(46.0) 146.0	(52.0) 152.0
Baseline Classroom Requirements												
	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.1
Project-Related Classroom Require.												
	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	.9	.9	.9	.9
Total Classroom Requirements												
	3.8	4.0	4.2	4.4	4.7	4.8	5.1	5.2	5.4	5.6	5.8	6.0

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE COMMUNITY OF TALKEETNA - SECONDARY SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	18.0	18.0	18.0	19.0	20.0	20.0	20.0	19.0	18.0	18.0	18.0	18.0
Total Project	21.0	20.0	21.0	22.0	23.0	23.0	23.0	22.0	20.0	20.0	20.0	20.0
BASELINE	61.0	65.0	68.0	72.0	77.0	81.0	86.0	90.0	94.0	99.0	104.0	109.0
TOTAL ENROLLMENT	82.0	85.0	89.0	94.0	100.0	104.0	109.0	112.0	114.0	119.0	124.0	129.0
Direct Enroll. As % Increase Over Basel.	29.5	27.6	26.4	26.3	25.9	24.6	23.2	21.1	19.1	18.1	17.3	16.5
Total Enroll. As % Increase Over Basel.	34.4	30.7	30.8	30.5	29.8	28.4	26.7	24.4	21.2	20.2	19.2	18.3
1983 & Planned Cap.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap. % Capacity Utiliz.	(82.0) 0.0	(85.0) 0.0	(89.0) 0.0	(94.0) 0.0	(100.0) 0.0	(104.0) 0.0	(109.0) 0.0	(112.0) 0.0	(114.0) 0.0	(119.0) 0.0	(124.0) 0.0	(129.0) 0.0
Baseline Classroom Requirements	2.9	3.1	3.2	3.4	3.6	3.8	4.1	4.2	4.4	4.7	4.9	5.1
Project-Related Classroom Require.	1.0	.9	1.0	1.0	1.1	1.1	1.1	1.0	.9	.9	.9	.9
Total Classroom Requirements	3.9	4.0	4.2	4.4	4.7	4.9	5.1	5.3	5.4	5.6	5.9	6.1

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE COMMUNITY OF TALKEETNA - TOTAL SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	40.0	40.0	40.0	42.0	44.0	44.0	43.0	41.0	39.0	39.0	39.0	39.0
Total Project	46.0	45.0	46.0	48.0	51.0	50.0	50.0	47.0	44.0	44.0	44.0	44.0
BASELINE	133.0	141.0	148.0	157.0	167.0	176.0	187.0	196.0	205.0	215.0	226.0	237.0
TOTAL ENROLLMENT	179.0	186.0	194.0	205.0	218.0	226.0	237.0	243.0	249.0	259.0	270.0	281.0
Direct Enroll. As % Increase Over Baseline	30.0	28.3	27.0	26.7	26.3	25.0	22.9	20.9	19.0	18.1	17.2	16.4
Total Enroll. As % Increase Over Baseline	34.5	31.9	31.0	30.5	30.5	28.4	26.7	23.9	21.4	20.4	19.4	18.5
1983 & Planned Cap.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Excess (Under) Cap.	(79.0)	(86.0)	(94.0)	(105.0)	(118.0)	(126.0)	(137.0)	(143.0)	(149.0)	(159.0)	(170.0)	(181.0)
% Capacity Utiliz.	179.0	186.0	194.0	205.0	218.0	226.0	237.0	243.0	249.0	259.0	270.0	281.0
Baseline Classroom Requirements	5.7	6.1	6.4	6.8	7.2	7.6	8.1	8.5	8.9	9.3	9.8	10.3
Project-Related Classroom Require.	2.0	1.9	2.0	2.0	2.2	2.1	2.1	2.0	1.9	1.9	1.9	1.9
Total Classroom Requirements	7.7	8.0	8.4	8.9	9.4	9.8	10.3	10.5	10.8	11.2	11.7	12.2

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE MATANUSKA-SUSITNA BOROUGH - PRIMARY SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	302.0	262.0	302.0	325.0	330.0	332.0	328.0	320.0	226.0	207.0	207.0	207.0
Total Project	330.0	289.0	330.0	354.0	361.0	363.0	358.0	349.0	253.0	233.0	233.0	233.0
BASELINE	7355.0	7669.0	8025.0	8407.0	8786.0	9183.0	9596.0	9952.0	10321.0	10712.0	11119.0	11544.0
TOTAL ENROLLMENT	7685.0	7958.0	8355.0	8761.0	9147.0	9546.0	9954.0	10301.0	10574.0	10945.0	11352.0	11777.0
Direct Enroll. As % Increase Over Basel.	4.1	3.4	3.7	3.8	3.7	3.6	3.4	3.2	2.1	1.9	1.8	1.7
Total Enroll. As % Increase Over Basel.	4.4	3.7	4.1	4.2	4.1	3.9	3.7	3.5	2.4	2.1	2.1	2.0
1983 & Planned Cap.	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0	0.0
Excess (Under) Cap. % Capacity Utiliz.	(2850.0) 158.9	(3123.0) 164.5	(3520.0) 172.8	(3926.0) 181.2	(4312.0) 189.1	(4711.0) 197.4	(5119.0) 205.8	(5466.0) 213.0	(5739.0) 218.7	(6110.0) 226.3	(6517.0) 234.7	11777.0 0.0
Baseline Classroom Requirements	294.2	306.7	321.0	336.2	351.4	367.3	383.8	398.0	412.8	428.4	444.7	461.7
Project-Related Classroom Require.	13.2	11.5	13.2	14.1	14.4	14.5	14.3	13.9	10.1	9.3	9.3	9.3
Total Classroom Requirements	307.4	318.3	334.2	350.4	365.8	381.8	398.1	412.0	422.9	437.8	454.0	471.0

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE MATANUSKA-SUSITNA BOROUGH - SECONDARY SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	258.0	224.0	258.0	277.0	281.0	283.0	280.0	273.0	193.0	177.0	177.0	177.0
Total Project	282.0	247.0	282.0	302.0	307.0	309.0	306.0	297.0	216.0	200.0	199.0	199.0
BASELINE	6265.0	6533.0	6836.0	7162.0	7485.0	7822.0	8174.0	8478.0	8792.0	9125.0	9471.0	9834.0
TOTAL ENROLLMENT	6547.0	6780.0	7118.0	7464.0	7792.0	8131.0	8480.0	8775.0	9008.0	9325.0	9670.0	10033.0
Direct Enroll. As % Increase Over Baseline	4.1	3.4	3.7	3.8	3.7	3.6	3.4	3.2	2.2	1.9	1.8	1.8
Total Enroll. As % Increase Over Baseline	4.5	3.7	4.1	4.2	4.1	3.9	3.7	3.5	2.4	2.1	2.1	2.0
1983 & Planned Cap.	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0	0.0
Excess (Under) Cap.	(2467.0)	(2700.0)	(3038.0)	(3384.0)	(3712.0)	(4051.0)	(4400.0)	(4695.0)	(4928.0)	(5245.0)	(5590.0)	10033.0
% Capacity Utiliz.	160.4	166.1	174.4	182.9	190.9	199.2	207.8	215.0	220.7	228.5	237.0	0.0
Baseline Classroom Requirements	298.3	311.1	325.5	341.0	356.4	372.4	389.2	403.7	418.6	434.5	451.0	468.2
Project-Related Classroom Require.	13.4	11.7	13.4	14.3	14.6	14.7	14.5	14.1	10.2	9.5	9.4	9.4
Total Classroom Requirements	311.7	322.8	338.9	355.4	371.0	387.1	403.8	417.8	428.9	444.0	460.4	477.7

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE MATANUSKA-SUSITNA BOROUGH - TOTAL SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED ENROLLMENT	-----											
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Direct Project	560.0	486.0	560.0	602.0	611.0	615.0	608.0	593.0	419.0	384.0	384.0	384.0
Total Project	612.0	536.0	612.0	656.0	668.0	672.0	664.0	646.0	469.0	433.0	432.0	432.0
BASELINE	13620.0	14202.0	14861.0	15569.0	16271.0	17005.0	17770.0	18430.0	19113.0	19837.0	20590.0	21378.0
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TOTAL ENROLLMENT	14232.0	14738.0	15473.0	16225.0	16939.0	17677.0	18434.0	19076.0	19582.0	20270.0	21022.0	21810.0
-----	=====											
Direct Enroll. As % Increase Over Basel.	4.1	3.4	3.7	3.8	3.7	3.6	3.4	3.2	2.1	1.9	1.8	1.8
Total Enroll. As % Increase Over Basel.	4.4	3.7	4.1	4.2	4.1	3.9	3.7	3.5	2.4	2.1	2.1	2.0
1983 & Planned Cap.	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0	0.0
Excess (Under) Cap.	(5317.0)	(5823.0)	(6558.0)	(7310.0)	(8024.0)	(8762.0)	(9519.0)	10161.0	10667.0	11355.0	12107.0	21810.0
% Capacity Utiliz.	159.6	165.3	173.5	182.0	190.0	198.2	206.7	213.9	219.6	227.3	235.8	0.0
Baseline Classroom Requirements	592.5	617.8	646.5	677.3	707.8	739.8	773.0	801.7	831.5	863.0	895.7	930.0
Project-Related Classroom Require.	26.6	23.3	26.6	28.5	29.0	29.2	28.8	28.1	20.4	18.8	18.8	18.8
Total Classroom Requirements	619.1	641.1	673.1	705.8	736.9	769.0	801.9	829.9	851.9	881.8	914.5	948.8

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES (OFF-SITE)
 IN THE MATANUSKA-SUSITNA BOROUGH - PRIMARY SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	152.0	148.0	152.0	157.0	162.0	164.0	160.0	152.0	144.0	142.0	142.0	142.0
Total Project	180.0	175.0	180.0	187.0	193.0	195.0	191.0	181.0	171.0	168.0	168.0	168.0
BASELINE	7355.1	7668.6	8025.3	8407.0	8786.3	9182.7	9595.6	9951.9	10321.0	10711.7	11118.6	11543.7
TOTAL ENROLLMENT	7535.1	7843.6	8205.3	8594.0	8979.3	9377.7	9786.6	10132.9	10492.0	10879.7	11286.6	11711.7
Direct Enroll. As % Increase Over Baseline	2.0	1.9	1.8	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.2
Total Enroll. As % Increase Over Baseline	2.4	2.2	2.2	2.2	2.2	2.1	1.9	1.8	1.6	1.5	1.5	1.4
1983 & Planned Cap.	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0	4835.0	0.0
Excess (Under) Cap.	(2700.1)	(3008.6)	(3370.3)	(3759.0)	(4144.3)	(4542.7)	(4951.6)	(5297.9)	(5657.0)	(6044.7)	(6451.6)	11711.7
% Capacity Utiliz.	155.8	162.2	169.7	177.7	185.7	193.9	202.4	209.5	217.0	225.0	233.4	0.0
Baseline Classroom Requirements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Project-Related Classroom Require.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Classroom Requirements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE MATANUSKA-SUSITNA BOROUGH - SECONDARY SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	129.0	126.0	129.0	134.0	138.0	140.0	137.0	130.0	122.0	121.0	121.0	121.0
Total Project	153.0	149.0	153.0	159.0	164.0	166.0	163.0	154.0	145.0	143.0	143.0	143.0
BASELINE	6265.4	6532.5	6836.3	7161.5	7484.6	7822.3	8174.0	8477.5	8791.9	9124.7	9471.4	9833.5
TOTAL ENROLLMENT	6418.4	6681.5	6989.3	7320.5	7648.6	7988.3	8337.0	8631.5	8936.9	9267.7	9614.4	9976.5
Direct Enroll. As % Increase Over Baseline	2.0	1.9	1.8	1.8	1.8	1.7	1.6	1.5	1.3	1.3	1.2	1.2
Total Enroll. As % Increase Over Baseline	2.4	2.2	2.2	2.2	2.1	2.1	1.9	1.8	1.6	1.5	1.5	1.4
1983 & Planned Cap.	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0	4080.0	0.0
Excess (Under) Cap.	(2338.4)	(2601.5)	(2909.3)	(3240.5)	(3568.6)	(3908.3)	(4257.0)	(4551.5)	(4856.9)	(5187.7)	(5534.4)	(9976.5)
% Capacity Utiliz.	157.3	163.7	171.3	179.4	187.4	195.7	204.3	211.5	219.0	227.1	235.6	0.0
Baseline Classroom Requirements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Project-Related Classroom Require.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Classroom Requirements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE MATANUSKA-SUSITNA BOROUGH - TOTAL SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED ENROLLMENT												

Direct Project	281.0	274.0	281.0	291.0	300.0	304.0	297.0	282.0	266.0	263.0	263.0	263.0
Total Project	333.0	324.0	333.0	346.0	357.0	361.0	354.0	335.0	316.0	311.0	311.0	311.0

BASELINE	13620.6	14201.1	14861.7	15568.5	16271.0	17005.1	17769.7	18429.5	19113.0	19836.5	20590.0	21377.2

TOTAL ENROLLMENT	13953.6	14525.1	15194.7	15914.5	16628.0	17366.1	18123.7	18764.5	19429.0	20147.5	20901.0	21688.2
=====												
Direct Enroll. As % Increase Over Baseline	2.0	1.9	1.8	1.8	1.8	1.7	1.6	1.5	1.3	1.3	1.2	1.2
Total Enroll. As % Increase Over Baseline	2.4	2.2	2.2	2.2	2.1	2.1	1.9	1.8	1.6	1.5	1.5	1.4
1983 & Planned Cap.	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0	8915.0	0.0
Excess (Under) Cap.	(5038.6)	(5610.1)	(6279.7)	(6999.5)	(7713.0)	(8451.1)	(9208.7)	(9849.5)	10514.0	11232.5	11986.0	21688.2
% Capacity Utiliz.	156.5	162.9	170.4	178.5	186.5	194.8	203.3	210.4	217.9	226.0	234.4	0.0
Baseline Classroom Requirements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Project-Related Classroom Require.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Classroom Requirements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE CITY OF HOUSTON - PRIMARY SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	15.0	15.0	15.0	16.0	16.0	16.0	16.0	15.0	14.0	14.0	14.0	14.0
Total Project	16.0	16.0	16.0	17.0	17.0	17.0	17.0	16.0	15.0	15.0	15.0	15.0
BASELINE	223.0	247.0	274.0	304.0	337.0	373.0	414.0	455.0	500.0	550.0	605.0	666.0
TOTAL ENROLLMENT	239.0	263.0	290.0	321.0	354.0	390.0	431.0	471.0	515.0	565.0	620.0	681.0
Direct Enroll. As % Increase Over Basel.	6.7	6.0	5.4	5.2	4.7	4.2	3.8	3.3	2.8	2.5	2.3	2.1
Total Enroll. As % Increase Over Basel.	7.1	6.4	5.8	5.5	5.0	4.5	4.1	3.5	3.0	2.7	2.4	2.2
1983 & Planned Cap.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap.	(239.0)	(263.0)	(290.0)	(321.0)	(354.0)	(390.0)	(431.0)	(471.0)	(515.0)	(565.0)	(620.0)	(681.0)
% Capacity Utiliz.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Baseline Classroom Requirements	8.9	9.8	10.9	12.1	13.4	14.9	16.5	18.2	20.0	22.0	24.2	26.6
Project-Related Classroom Require.	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
Total Classroom Requirements	9.5	10.5	11.6	12.8	14.1	15.6	17.2	18.8	20.6	22.6	24.8	27.2

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE CITY OF HOUSTON - SECONDARY SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED ENROLLMENT												

Direct Project	13.0	12.0	13.0	13.0	13.0	14.0	13.0	13.0	12.0	12.0	12.0	12.0
Total Project	14.0	13.0	14.0	14.0	14.0	15.0	14.0	14.0	13.0	13.0	13.0	13.0

BASELINE	190.0	211.0	234.0	259.0	287.0	318.0	352.0	387.0	426.0	469.0	516.0	567.0

TOTAL ENROLLMENT	204.0	224.0	248.0	273.0	301.0	333.0	366.0	401.0	439.0	482.0	529.0	580.0
=====												
Direct Enroll. As % Increase Over Baseline	6.8	5.6	5.5	5.0	4.5	4.4	3.6	3.3	2.8	2.5	2.3	2.1
Total Enroll. As % Increase Over Baseline	7.3	6.1	5.9	5.4	4.8	4.7	3.9	3.6	3.0	2.7	2.5	2.2
1983 & Planned Cap.	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0
Excess (Under) Cap.	396.0	376.0	352.0	327.0	299.0	267.0	234.0	199.0	161.0	118.0	71.0	20.0
% Capacity Utiliz.	34.0	37.3	41.3	45.5	50.1	55.5	61.0	66.8	73.1	80.3	88.1	96.6
Baseline Classroom Requirements	9.0	10.0	11.1	12.3	13.6	15.1	16.7	18.4	20.2	22.3	24.5	27.0
Project-Related Classroom Require.	.6	.6	.6	.6	.6	.7	.6	.6	.6	.6	.6	.6
Total Classroom Requirements	9.7	10.6	11.8	13.0	14.3	15.8	17.4	19.1	20.9	22.9	25.1	27.6

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE CITY OF HOUSTON - TOTAL SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	28.0	27.0	28.0	29.0	29.0	30.0	29.0	28.0	26.0	26.0	26.0	26.0
Total Project	30.0	29.0	30.0	31.0	31.0	32.0	31.0	30.0	28.0	28.0	28.0	28.0
BASELINE												
	413.0	458.0	508.0	563.0	624.0	691.0	766.0	842.0	926.0	1019.0	1121.0	1233.0
TOTAL ENROLLMENT												
	443.0	487.0	538.0	594.0	655.0	723.0	797.0	872.0	954.0	1047.0	1149.0	1261.0
Direct Enroll. As % Increase Over Baseline	6.7	5.9	5.5	5.1	4.6	4.3	3.7	3.3	2.8	2.5	2.3	2.1
Total Enroll. As % Increase Over Baseline	7.2	6.3	5.9	5.5	4.9	4.6	4.0	3.5	3.0	2.7	2.5	2.2
1983 & Planned Cap.	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0	600.0
Excess (Under) Cap.	157.0	113.0	62.0	6.0	(55.0)	(123.0)	(197.0)	(272.0)	(354.0)	(447.0)	(549.0)	(661.0)
% Capacity Utiliz.	73.8	81.1	89.6	99.0	109.1	120.5	132.8	145.3	159.0	174.5	191.5	210.1
Baseline Classroom Requirements	17.9	19.9	22.1	24.4	27.1	30.0	33.3	36.6	40.2	44.3	48.7	53.6
Project-Related Classroom Require.	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2
Total Classroom Requirements	19.2	21.1	23.4	25.8	28.4	31.4	34.6	37.9	41.5	45.5	49.9	54.8

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 ON-SITE - PRIMARY SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	151.0	114.0	151.0	168.0	168.0	168.0	168.0	168.0	83.0	65.0	65.0	65.0
Total Project	151.0	114.0	151.0	168.0	168.0	168.0	168.0	168.0	83.0	65.0	65.0	65.0
BASELINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ENROLLMENT	151.0	114.0	151.0	168.0	168.0	168.0	168.0	168.0	83.0	65.0	65.0	65.0
Direct Enroll. As % Increase Over Baseline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Enroll. As % Increase Over Baseline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983 & Planned Cap.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap. % Capacity Utiliz.	(151.0) 0.0	(114.0) 0.0	(151.0) 0.0	(168.0) 0.0	(168.0) 0.0	(168.0) 0.0	(168.0) 0.0	(168.0) 0.0	(83.0) 0.0	(65.0) 0.0	(65.0) 0.0	(65.0) 0.0
Baseline Classroom Requirements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Project-Related Classroom Require.	6.0	4.5	6.0	6.7	6.7	6.7	6.7	6.7	3.3	2.6	2.6	2.6
Total Classroom Requirements	6.0	4.5	6.0	6.7	6.7	6.7	6.7	6.7	3.3	2.6	2.6	2.6

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 ON-SITE - SECONDARY SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED ENROLLMENT	-----											
Direct Project	129.0	98.0	129.0	143.0	143.0	143.0	143.0	143.0	71.0	56.0	56.0	56.0
Total Project	151.0	114.0	151.0	168.0	168.0	168.0	168.0	168.0	83.0	65.0	65.0	65.0

BASELINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TOTAL ENROLLMENT	151.0	114.0	151.0	168.0	168.0	168.0	168.0	168.0	83.0	65.0	65.0	65.0
=====												
Direct Enroll. As % Increase Over Baseline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Enroll. As % Increase Over Baseline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983 & Planned Cap.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap.	(151.0)	(114.0)	(151.0)	(168.0)	(168.0)	(168.0)	(168.0)	(168.0)	(83.0)	(65.0)	(65.0)	(65.0)
% Capacity Utiliz.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Baseline Classroom Requirements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Project-Related Classroom Require.	6.1	4.6	6.1	6.8	6.8	6.8	6.8	6.8	3.3	2.6	2.6	2.6
Total Classroom Requirements	6.1	4.6	6.1	6.8	6.8	6.8	6.8	6.8	3.3	2.6	2.6	2.6

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 ON-SITE - TOTAL SCHOOL CHILDREN

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	280.0	212.0	280.0	311.0	311.0	311.0	311.0	311.0	154.0	121.0	121.0	121.0
Total Project	280.0	212.0	280.0	311.0	311.0	311.0	311.0	311.0	154.0	121.0	121.0	121.0
BASELINE												
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL ENROLLMENT												
	280.0	212.0	280.0	311.0	311.0	311.0	311.0	311.0	154.0	121.0	121.0	121.0
Direct Enroll. As % Increase Over Baseline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Enroll. As % Increase Over Baseline	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983 & Planned Cap.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap. % Capacity Utiliz.	(280.0) 0.0	(212.0) 0.0	(280.0) 0.0	(311.0) 0.0	(311.0) 0.0	(311.0) 0.0	(311.0) 0.0	(311.0) 0.0	(154.0) 0.0	(121.0) 0.0	(121.0) 0.0	(121.0) 0.0
Baseline Classroom Requirements	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Project-Related Classroom Require.	12.1	9.2	12.1	13.5	13.5	13.5	13.5	13.5	6.7	5.2	5.2	5.2
Total Classroom Requirements	12.1	9.2	12.1	13.5	13.5	13.5	13.5	13.5	6.7	5.2	5.2	5.2

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON EDUCATION FACILITIES
 IN THE COMMUNITY OF CANTWELL

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED ENROLLMENT												
Direct Project	165.0	161.0	165.0	172.0	176.0	178.0	176.0	165.0	157.0	154.0	154.0	154.0
Total Project	176.0	172.0	176.0	183.0	189.0	191.0	189.0	176.0	168.0	165.0	165.0	165.0
BASELINE	43.0	44.0	45.0	46.0	47.0	48.0	48.0	50.0	50.0	52.0	52.0	54.0
TOTAL ENROLLMENT	219.0	216.0	221.0	229.0	236.0	239.0	237.0	226.0	218.0	217.0	217.0	219.0
Direct Enroll. As % Increase Over Baseline	383.7	365.9	366.6	373.9	374.4	370.8	366.6	330.0	314.0	296.1	296.1	285.1
Total Enroll. As % Increase Over Baseline	409.3	390.9	391.1	397.8	402.1	397.9	393.7	352.0	336.0	317.3	317.3	305.5
1983 & Planned Cap.	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
Excess (Under) Cap.	(159.0)	(156.0)	(161.0)	(169.0)	(176.0)	(179.0)	(177.0)	(166.0)	(158.0)	(157.0)	(157.0)	(159.0)
% Capacity Utiliz.	365.0	360.0	368.3	381.6	393.3	398.3	395.0	376.6	363.3	361.6	361.6	365.0
Baseline Classroom Requirements	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.6	1.6
Project-Related Classroom Require.	5.4	5.2	5.4	5.6	5.8	5.8	5.8	5.4	5.1	5.0	5.0	5.0
Total Classroom Requirements	6.7	6.6	6.8	7.0	7.2	7.3	7.2	6.9	6.6	6.6	6.6	6.7

Frank Orth & Associates, Inc.

Alternate 01 of 01

02/28/84 AT 19:35:18

IMPACT OF THE PROJECT ON POLICE PROTECTION
IN THE MATANUSKA-SUSITNA BOROUGH
(NUMBERS OF OFFICERS)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED REQUIREMENTS									
Direct Project	1.20	1.50	2.94	3.61	3.96	4.75	4.51	3.84	2.77
Total Project	1.33	1.65	3.14	3.92	4.32	5.20	4.96	4.25	3.15
BASELINE (Cum.)	38.85	41.52	43.79	46.04	48.97	52.41	54.66	58.21	60.99
TOTAL REQUIREMENTS	40.18	43.17	46.93	49.96	53.29	57.61	59.62	62.46	64.14
Direct Require. As % Increase Over Basel.	3.09	3.61	6.71	7.84	8.09	9.06	8.25	6.60	4.54
Total Require. As % Increase Over Basel.	3.42	3.97	7.17	8.51	8.82	9.92	9.07	7.30	5.16
1983 Capacity	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00
Excess (Under) Cap.	-11.18	-14.17	-17.93	-20.96	-24.29	-28.61	-30.62	-33.46	-35.14
% Capacity Utiliz.	138.55	148.86	161.83	172.28	183.76	198.66	205.59	215.38	221.17

Frank Orth & Associates, Inc.

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 Alternate 01 of 01
 02/28/84 AT 19:35:21

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IMPACT OF THE PROJECT ON POLICE PROTECTION
 IN THE MATANUSKA-SUSITNA BOROUGH (OFF-SITE)
 (NUMBERS OF OFFICERS)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED REQUIREMENTS									
Direct Project	.26	.35	.44	.61	.71	.92	.89	.84	.75
Total Project	.50	.62	.77	1.13	1.32	1.68	1.63	1.54	1.40
BASELINE (Cum.)	38.85	41.52	43.79	46.04	48.97	52.41	54.66	58.21	60.99
TOTAL REQUIREMENTS	39.35	42.14	44.56	47.17	50.29	54.09	56.29	59.75	62.39
Direct Require. As % Increase Over Basel.	.67	.84	1.00	1.32	1.45	1.76	1.63	1.44	1.23
Total Require. As % Increase Over Basel.	1.29	1.49	1.76	2.45	2.70	3.21	2.98	2.65	2.30
1983 Capacity	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00
Excess (Under) Cap.	-10.35	-13.14	-15.56	-18.17	-21.29	-25.09	-27.29	-30.75	-33.39
% Capacity Utiliz.	135.69	145.31	153.66	162.66	173.41	186.52	194.10	206.03	215.14

Frank Orth & Associates, Inc.

Alternate 01 of 01
02/28/84 AT 19:35:25

IMPACT OF THE PROJECT ON POLICE PROTECTION
IN THE CITY OF PALMER
(NUMBERS OF OFFICERS)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED REQUIREMENTS									
Direct Project	.05	.06	.08	.11	.12	.16	.15	.14	.13
Total Project	.06	.07	.08	.12	.14	.18	.18	.16	.15
BASELINE (Cum.)	4.66	4.96	5.28	5.63	5.99	6.38	6.61	6.84	7.08
TOTAL REQUIREMENTS	4.72	5.03	5.36	5.75	6.13	6.56	6.79	7.00	7.23
Direct Require. As % Increase Over Basel.	1.07	1.21	1.52	1.95	2.00	2.51	2.27	2.05	1.84
Total Require. As % Increase Over Basel.	1.29	1.41	1.52	2.13	2.34	2.82	2.72	2.34	2.12
1983 Capacity	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
Excess (Under) Cap.	9.28	8.97	8.64	8.25	7.87	7.44	7.21	7.00	6.77
% Capacity Utiliz.	33.71	35.93	38.29	41.07	43.79	46.86	48.50	50.00	51.64

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON POLICE PROTECTION
 IN THE COMMUNITY OF TRAPPER CREEK
 (NUMBERS OF OFFICERS)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED REQUIREMENTS									
Direct Project	.06	.08	.10	.14	.16	.21	.21	.19	.17
Total Project	.09	.11	.14	.20	.24	.31	.30	.28	.25
BASELINE (Cum.)	.25	.26	.27	.28	.29	.30	.31	.32	.34
TOTAL REQUIREMENTS	.34	.37	.41	.48	.53	.61	.61	.60	.59
Direct Require. As % Increase Over Basel.	24.00	30.77	37.04	50.00	55.17	70.00	67.74	59.38	50.00
Total Require. As % Increase Over Basel.	36.00	42.31	51.85	71.43	82.76	103.33	96.77	87.50	73.53
1983 Capacity	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Excess (Under) Cap.	2.66	2.63	2.59	2.52	2.47	2.39	2.39	2.40	2.41
% Capacity Utiliz.	11.33	12.33	13.67	16.00	17.67	20.33	20.33	20.00	19.67

Frank Orth & Associates, Inc.

Alternate 01 of 01
02/28/84 AT 19:35:33

IMPACT OF THE PROJECT ON POLICE PROTECTION
AT THE WORK CAMPS AND FAMILY VILLAGES
(NUMBERS OF OFFICERS)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED REQUIREMENTS									
Direct Project	.94	1.14	2.50	2.99	3.25	3.82	3.62	3.00	2.01
Total Project	.94	1.14	2.50	2.99	3.25	3.82	3.62	3.00	2.01
BASELINE (Cum.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL REQUIREMENTS	.94	1.14	2.50	2.99	3.25	3.82	3.62	3.00	2.01
Direct Require. As % Increase Over Basel.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Require. As % Increase Over Basel.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983 Capacity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excess (Under) Cap.	-.94	-1.14	-2.50	-2.99	-3.25	-3.82	-3.62	-3.00	-2.01
% Capacity Utiliz.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON POLICE PROTECTION
 IN THE COMMUNITY OF CANTWELL
 (NUMBERS OF OFFICERS)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED REQUIREMENTS									
Direct Project	.36	.47	.36	.52	.60	.78	.76	.71	.65
Total Project	.40	.52	.40	.57	.66	.86	.84	.79	.71
BASELINE (Cum.)	.20	.21	.21	.21	.22	.22	.23	.23	.24
TOTAL REQUIREMENTS	.60	.73	.61	.78	.88	1.08	1.07	1.02	.95
Direct Require. As % Increase Over Basel.	180.00	223.81	171.43	247.62	272.73	354.55	330.43	308.70	270.83
Total Require. As % Increase Over Basel.	200.00	247.62	190.48	271.43	300.00	390.91	365.22	343.48	295.83
1983 Capacity	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Excess (Under) Cap.	.40	.27	.39	.22	.12	-.08	-.07	-.02	.05
% Capacity Utiliz.	60.00	73.00	61.00	78.00	88.00	108.00	107.00	102.00	95.00

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON POLICE PROTECTION
 IN THE MATANUSKA-SUSITNA BOROUGH
 (NUMBERS OF OFFICERS)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED REQUIREMENTS												
Direct Project	2.30	1.83	2.29	2.75	3.08	3.19	2.99	2.47	1.41	1.19	1.19	1.19
Total Project	2.67	2.20	2.66	3.15	3.48	3.57	3.38	2.83	1.76	1.53	1.53	1.53
BASELINE (Cum.)	63.55	65.95	68.68	71.57	74.50	77.50	80.64	83.91	87.35	90.97	94.78	98.77
TOTAL REQUIREMENTS	66.22	68.15	71.34	74.72	77.98	81.07	84.02	86.74	89.11	92.50	96.31	100.30
Direct Require. As % Increase Over Basel.	3.62	2.77	3.33	3.84	4.13	4.12	3.71	2.94	1.61	1.31	1.26	1.20
Total Require. As % Increase Over Basel.	4.20	3.34	3.87	4.40	4.67	4.61	4.19	3.37	2.01	1.68	1.61	1.55
1983 Capacity	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00
Excess (Under) Cap.	-37.22	-39.15	-42.34	-45.72	-48.98	-52.07	-55.02	-57.74	-60.11	-63.50	-67.31	-71.30
% Capacity Utiliz.	228.34	235.00	246.00	257.66	268.90	279.55	289.72	299.10	307.28	318.97	332.10	345.86

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON POLICE PROTECTION
 IN THE MATANUSKA-SUSITNA BOROUGH (OFF-SITE)
 (NUMBERS OF OFFICERS)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED REQUIREMENTS												
Direct Project	.74	.71	.74	.75	.79	.81	.78	.75	.69	.69	.69	.69
Total Project	1.38	1.32	1.38	1.42	1.46	1.47	1.44	1.38	1.29	1.27	1.27	1.27
BASELINE (Cum.)	63.55	65.95	68.68	71.57	74.50	77.50	80.64	83.91	87.35	90.97	94.78	98.77
TOTAL REQUIREMENTS	64.93	67.27	70.06	72.99	75.96	78.97	82.08	85.29	88.64	92.24	96.05	100.04
Direct Require. As % Increase Over Basel.	1.16	1.08	1.08	1.05	1.06	1.05	.97	.89	.79	.76	.73	.70
Total Require. As % Increase Over Basel.	2.17	2.00	2.01	1.98	1.96	1.90	1.79	1.64	1.48	1.40	1.34	1.29
1983 Capacity	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00
Excess (Under) Cap.	-35.93	-38.27	-41.06	-43.99	-46.96	-49.97	-53.08	-56.29	-59.64	-63.24	-67.05	-71.04
% Capacity Utiliz.	223.90	231.97	241.59	251.69	261.93	272.31	283.03	294.10	305.66	318.07	331.21	344.97

Frank Orth & Associates, Inc.

Alternate 01 of 01
02/28/84 AT 19:35:53

IMPACT OF THE PROJECT ON POLICE PROTECTION
IN THE CITY OF PALMER
(NUMBERS OF OFFICERS)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED REQUIREMENTS												
Direct Project	.13	.12	.13	.13	.14	.14	.14	.13	.12	.12	.12	.12
Total Project	.15	.14	.15	.15	.16	.16	.16	.15	.14	.14	.14	.14
BASELINE (Cum.)	7.32	7.58	7.85	8.12	8.40	8.70	9.00	9.32	9.65	9.98	10.33	10.69
TOTAL REQUIREMENTS	7.47	7.72	8.00	8.27	8.56	8.86	9.16	9.47	9.79	10.12	10.47	10.83
Direct Require. As % Increase Over Basel.	1.78	1.58	1.66	1.60	1.67	1.61	1.56	1.39	1.24	1.20	1.16	1.12
Total Require. As % Increase Over Basel.	2.05	1.85	1.91	1.85	1.90	1.84	1.78	1.61	1.45	1.40	1.36	1.31
1983 Capacity	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
Excess (Under) Cap.	6.53	6.28	6.00	5.73	5.44	5.14	4.84	4.53	4.21	3.88	3.53	3.17
% Capacity Utiliz.	53.36	55.14	57.14	59.07	61.14	63.29	65.43	67.64	69.93	72.29	74.79	77.36

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON POLICE PROTECTION
 IN THE COMMUNITY OF TRAPPER CREEK
 (NUMBERS OF OFFICERS)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED REQUIREMENTS												
Direct Project	.17	.16	.17	.17	.18	.19	.18	.17	.16	.16	.16	.16
Total Project	.24	.23	.24	.25	.26	.26	.25	.24	.22	.22	.22	.22
BASELINE (Cum.)	.35	.36	.38	.39	.41	.43	.44	.46	.48	.50	.52	.54
TOTAL REQUIREMENTS	.59	.59	.62	.64	.67	.69	.69	.70	.70	.72	.74	.76
Direct Require. As % Increase Over Basel.	48.57	44.44	44.74	43.59	43.90	44.19	40.91	36.96	33.33	32.00	30.77	29.63
Total Require. As % Increase Over Basel.	68.57	63.89	63.16	64.10	63.41	60.47	56.82	52.17	45.83	44.00	42.31	40.74
1983 Capacity	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Excess (Under) Cap.	2.41	2.41	2.38	2.36	2.33	2.31	2.31	2.30	2.30	2.28	2.26	2.24
% Capacity Utiliz.	19.67	19.67	20.67	21.33	22.33	23.00	23.00	23.33	23.33	24.00	24.67	25.33

Frank Orth & Associates, Inc.

Alternate 01 of 01
02/28/84 AT 19:36:02

IMPACT OF THE PROJECT ON POLICE PROTECTION
AT THE WORK CAMPS AND FAMILY VILLAGES
(NUMBERS OF OFFICERS)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED REQUIREMENTS												
Direct Project	1.55	1.12	1.55	2.00	2.29	2.37	2.21	1.71	.71	.49	.49	.49
Total Project	1.55	1.12	1.55	2.00	2.29	2.37	2.21	1.71	.71	.49	.49	.49
BASELINE (Cum.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL REQUIREMENTS	1.55	1.12	1.55	2.00	2.29	2.37	2.21	1.71	.71	.49	.49	.49
Direct Require. As % Increase Over Basel.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Require. As % Increase Over Basel.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1983 Capacity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excess (Under) Cap.	-1.55	-1.12	-1.55	-2.00	-2.29	-2.37	-2.21	-1.71	-.71	-.49	-.49	-.49
% Capacity Utiliz.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON POLICE PROTECTION
 IN THE COMMUNITY OF CANTWELL
 (NUMBERS OF OFFICERS)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED REQUIREMENTS												
Direct Project	.63	.61	.63	.65	.67	.68	.66	.63	.59	.59	.59	.59
Total Project	.69	.67	.69	.72	.74	.75	.74	.70	.66	.65	.65	.65
BASELINE (Cum.)	.24	.25	.25	.26	.26	.27	.27	.28	.28	.29	.29	.30
TOTAL REQUIREMENTS	.93	.92	.94	.98	1.00	1.02	1.01	.98	.94	.94	.94	.95
Direct Require. As % Increase Over Baseline	262.50	244.00	252.00	250.00	257.69	251.85	244.44	225.00	210.71	203.45	203.45	196.67
Total Require. As % Increase Over Baseline	287.50	268.00	276.00	276.92	284.62	277.78	274.07	250.00	235.71	224.14	224.14	216.67
1983 Capacity	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Excess (Under) Cap.	.07	.08	.06	.02	0.00	-.02	-.01	.02	.06	.06	.06	.05
% Capacity Utiliz.	93.00	92.00	94.00	98.00	100.00	102.00	101.00	98.00	94.00	94.00	94.00	95.00

Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON SOLID WASTE FACILITIES
 IN THE MATANUSKA-SUSITNA BOROUGH
 (IN ACRES)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED REQUIREMENTS									
Direct Project	.17	.22	.44	.56	.64	.80	.78	.69	.53
Total Project	.18	.23	.45	.59	.67	.84	.83	.73	.56
Total Cum. Impact	.18	.41	.86	1.45	2.12	2.96	3.79	4.52	5.08
BASELINE (Cum.)									
	18.09	23.22	28.83	34.93	41.65	49.09	57.09	65.89	75.38
TOTAL REQUIREMENTS	18.27	23.63	29.69	36.38	43.77	52.05	60.88	70.41	80.46
Direct Requirements As % Increase Over Basel.									
	3.68	4.29	7.84	9.18	9.52	10.75	9.75	7.84	5.58
Total Requirements As % Increase Over Basel.									
	3.90	4.48	8.02	9.67	9.97	11.29	10.38	8.30	5.90
1981 Capacity	212.00	212.00	212.00	212.00	212.00	212.00	212.00	212.00	212.00
Excess (Under) Cap.	193.73	188.37	182.31	175.62	168.23	159.95	151.12	141.59	131.54
% Capacity Utiliz.	8.62	11.15	14.00	17.16	20.65	24.55	28.72	33.21	37.95

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON SOLID WASTE FACILITIES
IN THE MATANUSKA-SUSITNA BOROUGH (OFF-SITE)
(IN ACRES)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED REQUIREMENTS									
Direct Project	.04	.06	.08	.12	.14	.19	.19	.19	.17
Total Project	.05	.07	.09	.14	.17	.23	.23	.22	.21
Total Cum. Impact	.05	.13	.23	.37	.55	.79	1.02	1.25	1.47
BASELINE (Cum.)									
	18.07	23.20	28.80	34.91	41.62	49.06	57.05	65.85	75.34
TOTAL REQUIREMENTS									
	18.12	23.33	29.03	35.28	42.18	49.85	58.08	67.11	76.81
Direct Requirements As % Increase Over Basel.									
	1.01	1.22	1.44	1.98	2.17	2.60	2.44	2.16	1.87
Total Requirements As % Increase Over Basel.									
	1.22	1.48	1.75	2.42	2.64	3.15	2.95	2.60	2.27
1981 Capacity	212.00	212.00	212.00	212.00	212.00	212.00	212.00	212.00	212.00
Excess (Under) Cap.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Capacity Utiliz.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON SOLID WASTE FACILITIES
 IN TRAPPER CREEK
 (IN ACRES)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED REQUIREMENTS									
Direct Project	.01	.01	.01	.02	.02	.03	.03	.03	.03
Total Project	.01	.02	.02	.03	.04	.05	.05	.05	.04
Total Cum. Impact	.01	.03	.05	.08	.12	.17	.22	.27	.31
BASELINE (Cum.)									
	.14	.17	.21	.25	.29	.34	.39	.44	.50
TOTAL REQUIREMENTS									
	.15	.20	.26	.33	.41	.51	.61	.71	.81
Direct Requirements As %									
Increase Over Baseline	33.33	33.33	25.00	50.00	50.00	60.00	60.00	60.00	50.00
Total Requirements As %									
Increase Over Baseline	33.33	66.67	50.00	75.00	100.00	100.00	100.00	100.00	66.67
1981 Capacity									
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excess (Under) Cap.									
	(.15)	(.20)	(.26)	(.33)	(.41)	(.51)	(.61)	(.71)	(.81)
% Capacity Utiliz.									
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON SOLID WASTE FACILITIES
 IN TALKEETNA
 (IN ACRES)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED REQUIREMENTS									

Direct Project	.01	.01	.01	.02	.02	.03	.03	.03	.03
Total Project	.01	.01	.01	.02	.02	.03	.03	.03	.03
Total Cum. Impact	.01	.02	.03	.05	.07	.10	.13	.16	.19

BASELINE (Cum.)	.19	.24	.30	.36	.43	.50	.58	.66	.75

TOTAL REQUIREMENTS	.20	.26	.33	.41	.50	.60	.71	.82	.94
=====									
Direct Requirements As % Increase Over Baseline	20.00	20.00	16.67	33.33	28.57	42.86	37.50	37.50	33.33
Total Requirements As % Increase Over Baseline	20.00	20.00	16.67	33.33	28.57	42.86	37.50	37.50	33.33
1981 Capacity	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Excess (Under) Cap.	4.80	4.74	4.67	4.59	4.50	4.40	4.29	4.18	4.06
% Capacity Utiliz.	4.00	5.20	6.60	8.20	10.00	12.00	14.20	16.40	18.80

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON SOLID WASTE FACILITIES
 IN CANTWELL
 (IN ACRES)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED REQUIREMENTS									

Direct Project	.05	.06	.05	.08	.09	.12	.12	.12	.11
Total Project	.05	.07	.06	.08	.10	.14	.14	.13	.12
Total Cum. Impact	.05	.12	.18	.26	.36	.50	.64	.77	.89

BASELINE (Cum.)	.11	.14	.17	.20	.23	.26	.30	.34	.38

TOTAL REQUIREMENTS	.16	.26	.35	.46	.59	.76	.94	1.11	1.27
=====									
Direct Requirements As %									
Increase Over Baseline	166.67	200.00	166.67	266.67	300.00	400.00	300.00	300.00	275.00
Total Requirements As %									
Increase Over Baseline	166.67	233.33	200.00	266.67	333.33	466.67	350.00	325.00	300.00
1981 Capacity	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Excess (Under) Cap.	1.84	1.74	1.65	1.54	1.41	1.24	1.06	.89	.73
% Capacity Utiliz.	8.00	13.00	17.50	23.00	29.50	38.00	47.00	55.50	63.50

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON SOLID WASTE FACILITIES
 IN THE MATANUSKA-SUSITNA BOROUGH
 (IN ACRES)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED REQUIREMENTS												
Direct Project	.45	.38	.48	.59	.67	.71	.68	.57	.35	.30	.30	.30
Total Project	.49	.42	.52	.63	.71	.75	.73	.61	.39	.34	.34	.34
Total Cum. Impact	5.57	5.99	6.51	7.14	7.85	8.60	9.33	9.94	10.33	10.67	11.01	11.35
BASELINE (Cum.)												
TOTAL REQUIREMENTS	91.12	102.37	114.46	127.46	141.35	156.13	171.79	187.88	204.32	221.32	238.96	257.26
Direct Requirements As % Increase Over Basel.	4.42	3.51	4.15	4.77	5.08	5.06	4.55	3.68	2.18	1.80	1.73	1.67
Total Requirements As % Increase Over Basel.	4.82	3.88	4.49	5.09	5.39	5.35	4.89	3.94	2.43	2.04	1.97	1.89
1981 Capacity	212.00	212.00	212.00	212.00	212.00	212.00	212.00	212.00	212.00	212.00	212.00	212.00
Excess (Under) Cap.	120.88	109.63	97.54	84.54	70.65	55.87	40.21	24.12	7.68	(9.32)	(26.96)	(45.26)
Capacity Utiliz.	42.98	48.29	53.99	60.12	66.67	73.65	81.03	88.62	96.38	104.40	112.72	121.35

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON SOLID WASTE FACILITIES
 IN THE MATANUSKA-SUSITNA BOROUGH (OFF-SITE)
 (IN ACRES)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED REQUIREMENTS												
Direct Project	.17	.17	.18	.20	.21	.22	.22	.20	.19	.19	.19	.19
Total Project	.21	.21	.22	.24	.25	.26	.26	.25	.23	.23	.23	.23
Total Cum. Impact	1.68	1.90	2.13	2.37	2.63	2.89	3.16	3.42	3.65	3.89	4.13	4.36
BASELINE (Cum.)												
	85.51	96.34	107.91	120.28	133.46	147.48	162.41	177.89	193.95	210.61	227.90	245.86
TOTAL REQUIREMENTS	87.20	98.24	110.04	122.65	136.09	150.38	165.58	181.31	197.61	214.50	232.04	250.23
Direct Requirements As %												
Increase Over Basel.	1.74	1.64	1.62	1.61	1.61	1.57	1.48	1.35	1.23	1.18	1.13	1.09
Total Requirements As %												
Increase Over Basel.	2.12	1.99	1.97	1.97	1.96	1.90	1.80	1.64	1.49	1.42	1.37	1.32
1981 Capacity	212.00	212.00	212.00	212.00	212.00	212.00	212.00	212.00	212.00	212.00	212.00	212.00
Excess (Under) Cap.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Capacity Utiliz.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON SOLID WASTE FACILITIES
 IN TRAPPER CREEK
 (IN ACRES)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED REQUIREMENTS												
Direct Project	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03	.03	.03
Total Project	.04	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
Total Cum. Impact	.35	.39	.44	.49	.54	.59	.64	.69	.74	.79	.84	.89
BASELINE (Cum.)												
	.56	.63	.70	.78	.86	.95	1.04	1.14	1.24	1.34	1.45	1.56
TOTAL REQUIREMENTS												
	.91	1.02	1.14	1.27	1.40	1.54	1.68	1.83	1.98	2.13	2.29	2.45
Direct Requirements As % Increase Over Basel.												
	50.00	42.86	42.86	37.50	50.00	44.44	44.44	40.00	30.00	30.00	27.27	27.27
Total Requirements As % Increase Over Basel.												
	66.67	57.14	71.43	62.50	62.50	55.56	55.56	50.00	50.00	50.00	45.45	45.45
1981 Capacity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Excess (Under) Cap.	(.91)	(1.02)	(1.14)	(1.27)	(1.40)	(1.54)	(1.68)	(1.83)	(1.98)	(2.13)	(2.29)	(2.45)
% Capacity Utiliz.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source: Frank Orth & Associates, Inc.

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(IN ACRES)

Direct Requirements As %												
Increase Over Basel.	30.00	27.27	25.00	25.00	23.08	20.00	18.75	18.75	17.65	16.67	15.79	15.00
Total Requirements As %												
Increase Over Basel.	30.00	27.27	25.00	25.00	30.77	26.67	25.00	25.00	17.65	16.67	15.79	15.00
1981 Capacity	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Excess (Under) Cap.	3.93	3.79	3.64	3.49	3.32	3.13	2.93	2.73	2.53	2.32	2.10	1.87
% Capacity Utiliz.	21.40	24.20	27.20	30.20	33.60	37.40	41.40	45.40	49.40	53.60	58.00	62.60

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON SOLID WASTE FACILITIES
IN CANTWELL
(IN ACRES)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED REQUIREMENTS												
Direct Project	.11	.11	.12	.13	.13	.14	.14	.13	.12	.12	.12	.12
Total Project	.12	.12	.13	.14	.15	.15	.16	.15	.14	.14	.14	.14
Total Cum. Impact	1.01	1.13	1.26	1.40	1.55	1.70	1.86	2.01	2.15	2.29	2.43	2.57
BASELINE (Cum.)												
	.42	.47	.52	.57	.62	.67	.73	.79	.85	.91	.97	1.03
TOTAL REQUIREMENTS	1.43	1.60	1.78	1.97	2.17	2.37	2.59	2.80	3.00	3.20	3.40	3.60
Direct Requirements As %												
Increase Over Basel.	275.00	220.00	240.00	260.00	260.00	280.00	233.33	216.67	200.00	200.00	200.00	200.00
Total Requirements As %												
Increase Over Basel.	300.00	240.00	260.00	280.00	300.00	300.00	266.67	250.00	233.33	233.33	233.33	233.33
1981 Capacity	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Excess (Under) Cap.	.57	.40	.22	.03	(.17)	(.37)	(.59)	(.80)	(1.00)	(1.20)	(1.40)	(1.60)
% Capacity Utiliz.	71.50	80.00	89.00	98.50	108.50	118.50	129.50	140.00	150.00	160.00	170.00	180.00

Source: Frank Orth & Associates, Inc.

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IMPACT OF THE PROJECT ON HOSPITAL REQUIREMENTS
 IN THE MATANUSKA-SUSITNA BOROUGH
 (IN NUMBERS OF BEDS)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED REQUIREMENTS									
Direct Project	1.40	1.80	3.56	4.59	5.22	6.47	6.36	5.62	4.26
Total Project	1.45	1.87	3.67	4.75	5.40	6.71	6.61	5.83	4.47
BASELINE	38.03	42.13	45.94	49.86	54.76	60.48	64.91	71.28	76.73
TOTAL REQUIREMENTS	39.47	43.99	49.61	54.61	60.17	67.20	71.51	77.11	81.20
Direct Require. As % Increase Over Basel.	3.67	4.27	7.76	9.20	9.53	10.70	9.80	7.88	5.55
Total Require. As % Increase Over Basel.	3.80	4.43	7.99	9.52	9.86	11.10	10.18	8.18	5.82
1981 Capacity	30	30	30	30	30	30	30	30	30
Excess (Under) Cap.	-9.473	-13.993	-19.608	-24.611	-30.166	-37.196	-41.514	-47.108	-51.201
% Capacity Utiliz.	131.58	146.64	165.36	182.04	200.55	223.99	238.38	257.03	270.67

Source: Frank Orth & Associates, Inc.

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IMPACT OF THE PROJECT ON HOSPITAL REQUIREMENTS
 IN THE MATANUSKA-SUSITNA BOROUGH (OFF-SITE)
 (IN NUMBERS OF BEDS)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED REQUIREMENTS									
Direct Project	.38	.52	.66	.99	1.19	1.57	1.58	1.54	1.44
Total Project	.47	.62	.80	1.21	1.44	1.91	1.92	1.85	1.74
BASELINE	38.03	42.13	45.94	49.86	54.76	60.48	64.91	71.28	76.73
TOTAL REQUIREMENTS	38.49	42.75	46.74	51.07	56.21	62.39	66.82	73.13	78.47
Direct Require. As % Increase Over Basel.	1.00	1.22	1.44	1.98	2.17	2.60	2.44	2.16	1.87
Total Require. As % Increase Over Basel.	1.22	1.48	1.75	2.42	2.64	3.15	2.95	2.60	2.27
1981 Capacity	30	30	30	30	30	30	30	30	30
Excess (Under) Cap.	-8.491	-12.750	-16.745	-21.068	-26.208	-32.389	-36.822	-43.130	-48.474
% Capacity Utiliz.	128.30	142.50	155.82	170.23	187.36	207.96	222.74	243.77	261.58

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON HOSPITAL REQUIREMENTS
 IN THE MATANUSKA-SUSITNA BOROUGH
 (IN NUMBERS OF BEDS)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED REQUIREMENTS												
Direct Project	3.67	3.09	3.87	4.73	5.37	5.66	5.48	4.56	2.78	2.41	2.41	2.41
Total Project	3.87	3.29	4.08	4.99	5.62	5.92	5.75	4.77	3.02	2.62	2.62	2.61
BASELINE												
	82.09	87.32	93.12	99.39	105.76	112.44	119.50	123.93	128.53	133.40	138.46	143.76
TOTAL REQUIREMENTS	85.97	90.61	97.20	104.37	111.39	118.35	125.25	128.71	131.55	136.01	141.08	146.37
Direct Require. As % Increase Over Basel.												
	4.47	3.54	4.15	4.76	5.08	5.03	4.59	3.68	2.16	1.80	1.74	1.67
Total Require. As % Increase Over Basel.												
	4.72	3.77	4.38	5.02	5.32	5.26	4.81	3.85	2.35	1.96	1.89	1.82
1981 Capacity	30	30	30	30	30	30	30	30	30	30	30	30
Excess (Under) Cap.	-55.966	-60.610	-67.200	-74.371	-81.386	-88.352	-95.249	-98.709	-101.550	-106.014	-111.079	-116.372
% Capacity Utiliz.	286.55	302.03	324.00	347.90	371.29	394.51	417.50	429.03	438.50	453.38	470.26	487.91

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON HOSPITAL REQUIREMENTS
 IN THE MATANUSKA-SUSITNA BOROUGH (OFF-SITE)
 (IN NUMBERS OF BEDS)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED REQUIREMENTS												
Direct Project	1.43	1.43	1.51	1.60	1.70	1.76	1.77	1.67	1.58	1.57	1.57	1.57
Total Project	1.74	1.74	1.84	1.96	2.07	2.14	2.15	2.03	1.91	1.89	1.89	1.89
BASELINE	82.09	87.32	93.12	99.39	105.76	112.44	119.50	123.93	128.53	133.40	138.46	143.76
TOTAL REQUIREMENTS	83.83	89.06	94.96	101.34	107.83	114.58	121.64	125.97	130.44	135.29	140.36	145.65
Direct Require. As % Increase Over Basel.	1.74	1.64	1.62	1.61	1.61	1.57	1.48	1.35	1.23	1.18	1.13	1.09
Total Require. As % Increase Over Basel.	2.12	1.99	1.97	1.97	1.96	1.90	1.80	1.64	1.49	1.42	1.37	1.32
1981 Capacity	30	30	30	30	30	30	30	30	30	30	30	30
Excess (Under) Cap.	-53.833	-59.058	-64.955	-71.343	-77.833	-84.578	-91.643	-95.967	-100.444	-105.291	-110.356	-115.649
% Capacity Utiliz.	279.44	296.86	316.52	337.81	359.44	381.93	405.48	419.89	434.81	450.97	467.85	485.50

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON RECREATION FACILITIES
 IN CANTWELL - NEIGHBORHOOD PARKS
 (IN ACRES)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED REQUIREMENTS												

Direct Project	.6	.5	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5
Total Project	.6	.6	.6	.7	.7	.7	.7	.6	.6	.6	.6	.6

BASELINE	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3

TOTAL REQUIREMENTS	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	.9

Direct Require. As % Increase Over Basel.	200.0	190.3	193.5	203.2	203.1	203.1	193.9	181.8	172.7	167.6	167.6	162.8
Total Require. As % Increase Over Basel.	230.0	216.1	222.5	232.2	231.2	234.3	224.2	209.0	196.9	188.2	188.2	182.8
Capacity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap.	(.9)	(.9)	(1.0)	(1.0)	(1.0)	(1.0)	(1.0)	(1.0)	(.9)	(.9)	(.9)	(.9)
% Capacity Utiliz.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON RECREATION FACILITIES
 IN CANTWELL - PLAYGROUNDS
 (IN ACRES)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT-RELATED REQUIREMENTS												
Direct Project	.7	.7	.7	.7	.7	.7	.7	.7	.6	.6	.6	.6
Total Project	.8	.7	.8	.8	.8	.8	.8	.8	.7	.7	.7	.7
BASELINE	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4
TOTAL REQUIREMENTS	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1
Direct Require. As % Increase Over Basel.	197.2	194.4	191.8	200.0	205.4	202.6	194.8	182.0	174.3	167.5	163.4	163.4
Total Require. As % Increase Over Basel.	225.0	219.4	218.9	229.7	235.1	234.2	223.0	210.2	197.4	190.0	185.3	185.3
Capacity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap.	(1.1)	(1.1)	(1.1)	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)	(1.1)	(1.1)	(1.1)	(1.1)
% Capacity Utiliz.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON RECREATION FACILITIES
 IN MAT-SU BOROUGH COMMUNITIES - COMMUNITY PARKS
 (IN ACRES)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED REQUIREMENTS	-----											
Direct Project	1.4	1.3	1.4	1.4	1.4	1.5	1.4	1.4	1.3	1.3	1.3	1.3
Total Project	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.3	1.3	1.3	1.3

BASELINE	90.8	94.4	98.6	103.0	107.4	112.0	116.8	121.8	126.9	132.4	138.2	144.3

TOTAL REQUIREMENTS	92.2	95.8	100.0	104.5	108.9	113.5	118.3	123.2	128.3	133.8	139.6	145.6
=====												
Direct Require. As % Increase Over Basel.	1.5	1.4	1.4	1.4	1.3	1.3	1.2	1.1	1.0	1.0	.9	.9
Total Require. As % Increase Over Basel.	1.5	1.4	1.4	1.4	1.4	1.3	1.2	1.1	1.0	1.0	.9	.9
Capacity	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
Excess (Under) Cap.	4.2	.6	(3.5)	(8.0)	(12.4)	(17.0)	(21.8)	(26.7)	(31.8)	(37.3)	(43.1)	(49.1)
% Capacity Utiliz.	95.6	99.3	103.6	108.3	112.9	117.6	122.6	127.7	133.0	138.6	144.6	150.9

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON RECREATION FACILITIES
 IN THE CITY OF HOUSTON - NEIGHBORHOOD PARKS
 (IN ACRES)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED REQUIREMENTS												

Direct Project	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
Total Project	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1

BASELINE	1.9	2.1	2.4	2.6	2.9	3.2	3.5	3.9	4.2	4.7	5.2	5.7

TOTAL REQUIREMENTS	2.0	2.2	2.5	2.7	3.0	3.3	3.6	4.0	4.3	4.8	5.3	5.8
=====												
Direct Require. As % Increase Over Basel.	5.0	4.1	4.1	3.7	3.4	3.1	2.8	2.5	2.1	1.9	1.7	1.5
Total Require. As % Increase Over Basel.	5.0	4.5	4.1	4.1	3.7	3.4	3.1	2.5	2.3	2.1	1.9	1.7
Capacity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap. % Capacity Utiliz.	(2.0) 0.0	(2.2) 0.0	(2.5) 0.0	(2.7) 0.0	(3.0) 0.0	(3.3) 0.0	(3.6) 0.0	(4.0) 0.0	(4.3) 0.0	(4.8) 0.0	(5.3) 0.0	(5.8) 0.0

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON RECREATION FACILITIES
 IN THE CITY OF HOUSTON - PLAYGROUNDS
 (IN ACRES)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED REQUIREMENTS												

Direct Project	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Total Project	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1

BASELINE	2.3	2.5	2.8	3.1	3.4	3.8	4.1	4.6	5.0	5.5	6.1	6.7

TOTAL REQUIREMENTS	2.4	2.7	2.9	3.2	3.5	3.9	4.3	4.7	5.1	5.6	6.2	6.8
=====												
Direct Require. As % Increase Over Basel.	4.6	4.2	3.8	3.8	3.4	3.1	2.8	2.3	2.1	1.9	1.7	1.6
Total Require. As % Increase Over Basel.	5.1	4.6	4.2	3.8	3.4	3.4	2.8	2.6	2.1	1.9	1.7	1.6
Capacity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap. % Capacity Utiliz.	(2.4) 0.0	(2.7) 0.0	(2.9) 0.0	(3.2) 0.0	(3.5) 0.0	(3.9) 0.0	(4.3) 0.0	(4.7) 0.0	(5.1) 0.0	(5.6) 0.0	(6.2) 0.0	(6.8) 0.0

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON RECREATION FACILITIES
 IN THE CITY OF WASILLA - NEIGHBORHOOD PARKS
 (IN ACRES)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED REQUIREMENTS	-----											
Direct Project	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
Total Project	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1

BASELINE	7.2	7.8	8.4	9.0	9.8	10.5	11.4	12.3	13.3	14.3	15.5	16.7

TOTAL REQUIREMENTS	7.3	7.9	8.5	9.2	9.9	10.7	11.5	12.4	13.4	14.4	15.6	16.8
=====												
Direct Require. As % Increase Over Baseline	1.3	1.2	1.1	1.1	1.0	.9	.8	.8	.6	.6	.5	.5
Total Require. As % Increase Over Baseline	1.6	1.4	1.4	1.3	1.2	1.1	1.0	.9	.8	.6	.6	.6
Capacity	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
Excess (Under) Cap.	11.6	11.0	10.4	9.7	9.0	8.2	7.4	6.5	5.5	4.5	3.3	2.1
% Capacity Utiliz.	38.6	41.6	44.9	48.4	52.2	56.3	60.8	65.6	70.7	76.2	82.2	88.7

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON RECREATION FACILITIES
 IN THE CITY OF WASILLA - PLAYGROUNDS
 (IN ACRES)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED REQUIREMENTS												

Direct Project	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Total Project	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1

BASELINE	8.5	9.2	9.9	10.7	11.6	12.5	13.5	14.5	15.7	17.0	18.3	19.8

TOTAL REQUIREMENTS	8.6	9.3	10.1	10.8	11.7	12.6	13.6	14.7	15.8	17.1	18.4	19.9
=====												
Direct Require. As % Increase Over Baseline	1.4	1.1	1.2	1.1	1.0	.9	.8	.8	.7	.6	.6	.5
Total Require. As % Increase Over Baseline	1.6	1.4	1.4	1.3	1.2	1.1	1.0	.9	.7	.7	.6	.6
Capacity	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Excess (Under) Cap.	(7.6)	(8.3)	(9.1)	(9.8)	(10.7)	(11.6)	(12.6)	(13.7)	(14.8)	(16.1)	(17.4)	(18.9)
% Capacity Utiliz.	868.0	935.0	1010.0	1088.0	1174.0	1266.0	1366.0	1473.0	1587.0	1713.0	1848.0	1994.0

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON RECREATION FACILITIES
 IN THE CITY OF PALMER - NEIGHBORHOOD PARKS
 (IN ACRES)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED REQUIREMENTS												

Direct Project	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
Total Project	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0

BASELINE	5.6	5.8	6.0	6.2	6.4	6.6	6.9	7.1	7.4	7.7	7.9	8.2

TOTAL REQUIREMENTS	5.7	5.9	6.1	6.3	6.5	6.8	7.0	7.2	7.5	7.8	8.0	8.3
=====												
Direct Require. As % Increase Over Baseline	1.4	1.3	1.3	1.4	1.3	1.3	1.3	1.1	1.0	1.0	1.0	.9
Total Require. As % Increase Over Baseline	1.7	1.7	1.6	1.6	1.7	1.6	1.5	1.3	1.2	1.1	1.1	1.0
Capacity	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
Excess (Under) Cap.	24.7	24.5	24.3	24.1	23.9	23.7	23.4	23.2	22.9	22.7	22.4	22.1
% Capacity Utiliz.	18.7	19.3	20.0	20.7	21.5	22.3	23.0	23.8	24.6	25.5	26.4	27.4

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON RECREATION FACILITIES
 IN THE CITY OF PALMER - PLAYGROUNDS
 (IN ACRES)

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005

PROJECT-RELATED REQUIREMENTS												

Direct Project	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0
Total Project	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1

BASELINE	6.6	6.8	7.1	7.3	7.6	7.9	8.1	8.4	8.7	9.1	9.4	9.7

TOTAL REQUIREMENTS	6.7	6.9	7.2	7.4	7.7	8.0	8.3	8.6	8.9	9.2	9.5	9.8
=====												
Direct Require. As % Increase Over Basel.	1.5	1.3	1.4	1.3	1.4	1.3	1.3	1.1	1.0	.9	.9	.9
Total Require. As % Increase Over Basel.	1.8	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.2	1.2	1.1	1.1
Capacity	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Excess (Under) Cap.	(2.7)	(2.9)	(3.2)	(3.4)	(3.7)	(4.0)	(4.3)	(4.6)	(4.9)	(5.2)	(5.5)	(5.8)
% Capacity Utiliz.	168.7	174.5	180.7	187.2	194.0	200.7	207.7	215.2	222.5	230.5	238.5	247.2

Source: Frank Orth & Associates, Inc.

FSER/RECREATV/RECREWAH/FSERRPT3
 Alternate 01 of 01
 12/31/83 AT 13:31:57

USER = RLH

IMPACT OF THE PROJECT ON RECREATION FACILITIES
 IN CANTWELL - NEIGHBORHOOD PARKS
 (IN ACRES)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT-RELATED REQUIREMENTS									
Direct Project	.3	.4	.3	.5	.5	.7	.7	.6	.6
Total Project	.4	.5	.4	.5	.6	.8	.8	.7	.7
BASELINE									
	.2	.2	.2	.2	.2	.2	.2	.3	.3
TOTAL REQUIREMENTS									
	.6	.8	.6	.8	.9	1.1	1.1	1.0	1.0
Direct Require. As % Increase Over Baseline									
	129.6	164.2	125.0	178.5	200.0	258.6	255.1	230.0	210.0
Total Require. As % Increase Over Baseline									
	148.1	185.7	146.4	203.5	227.5	296.5	289.6	263.3	236.6
Capacity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap.	(.6)	(.8)	(.6)	(.8)	(.9)	(1.1)	(1.1)	(1.0)	(1.0)
% Capacity Utiliz.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON RECREATION FACILITIES
IN CANTWELL - PLAYGROUNDS
(IN ACRES)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED REQUIREMENTS									

Direct Project	.4	.5	.4	.5	.6	.8	.8	.8	.7
Total Project	.4	.6	.4	.6	.7	1.0	.9	.9	.8
BASELINE	.3	.3	.3	.3	.3	.3	.3	.3	.3

TOTAL REQUIREMENTS	.7	.9	.8	1.0	1.1	1.3	1.3	1.2	1.1
=====									
Direct Require. As % Increase Over Basel.	128.1	163.6	127.2	173.5	202.9	261.7	248.5	234.2	211.4
Total Require. As % Increase Over Basel.	146.8	184.8	145.4	200.0	229.4	300.0	282.8	265.7	240.0
Capacity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap.	(.7)	(.9)	(.8)	(1.0)	(1.1)	(1.3)	(1.3)	(1.2)	(1.1)
% Capacity Utiliz.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: Frank Orth & Associates, Inc.

FSER/RECREATV/RECREWAH/FSERRPT3
 Alternate 01 of 01
 12/31/83 AT 13:31:49

USER = RLH

IMPACT OF THE PROJECT ON RECREATION FACILITIES
 IN MAT-SU BOROUGH COMMUNITIES - COMMUNITY PARKS
 (IN ACRES)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED REQUIREMENTS									

Direct Project	.5	.6	.8	1.1	1.3	1.7	1.6	1.5	1.4
Total Project	.5	.6	.8	1.1	1.3	1.7	1.6	1.5	1.4
BASELINE	53.6	57.6	60.9	64.2	68.6	73.8	77.1	82.6	86.8

TOTAL REQUIREMENTS	54.1	58.2	61.7	65.4	70.0	75.5	78.8	84.2	88.3
=====									
Direct Require. As % Increase Over Basel.	.9	1.1	1.3	1.8	1.9	2.3	2.1	1.9	1.6
Total Require. As % Increase Over Basel.	.9	1.1	1.3	1.8	1.9	2.3	2.1	1.9	1.6
Capacity	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
Excess (Under) Cap.	42.3	38.2	34.7	31.0	26.5	20.9	17.6	12.2	8.1
% Capacity Utiliz.	56.1	60.3	64.0	67.7	72.5	78.2	81.7	87.3	91.5

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON RECREATION FACILITIES
IN THE CITY OF HOUSTON - NEIGHBORHOOD PARKS
(IN ACRES)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED REQUIREMENTS									

Direct Project	.0	.0	.0	.0	.0	.1	.1	.1	.1
Total Project	.0	.0	.0	.0	.1	.1	.1	.1	.1
BASELINE	.8	.9	1.0	1.1	1.2	1.3	1.4	1.6	1.8

TOTAL REQUIREMENTS	.8	.9	1.0	1.2	1.3	1.4	1.6	1.7	1.9

Direct Require. As % Increase Over Baseline	3.5	4.3	5.8	7.1	7.3	8.8	7.3	6.7	5.5
Total Require. As % Increase Over Baseline	4.7	5.4	5.8	8.0	8.1	9.5	8.0	7.3	6.0
Capacity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap.	(.8)	(.9)	(1.0)	(1.2)	(1.3)	(1.4)	(1.6)	(1.7)	(1.9)
% Capacity Utiliz.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: Frank Orth & Associates, Inc.

IMPACT OF THE PROJECT ON RECREATION FACILITIES
IN THE CITY OF HOUSTON - PLAYGROUNDS
(IN ACRES)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED REQUIREMENTS									

Direct Project	.0	.0	.0	.0	.1	.1	.1	.1	.1
Total Project	.0	.0	.0	.1	.1	.1	.1	.1	.1

BASELINE	.9	1.0	1.2	1.3	1.4	1.6	1.7	1.9	2.1

TOTAL REQUIREMENTS	1.0	1.1	1.2	1.4	1.5	1.7	1.9	2.0	2.2
=====									
Direct Require. As % Increase Over Basel.	4.0	4.5	5.8	6.8	7.5	8.7	7.3	6.7	5.6
Total Require. As % Increase Over Basel.	4.0	4.5	5.8	7.5	7.5	9.3	7.9	7.2	5.6
Capacity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Excess (Under) Cap.	(1.0)	(1.1)	(1.2)	(1.4)	(1.5)	(1.7)	(1.9)	(2.0)	(2.2)
% Capacity Utiliz.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Source: Frank Orth & Associates, Inc.

FSER/RECREATV/RECREWAH/FSERRPT3
 Alternate 01 of 01
 12/31/83 AT 13:31:38

USER = RLH

IMPACT OF THE PROJECT ON RECREATION FACILITIES
 IN THE CITY OF WASILLA - NEIGHBORHOOD PARKS
 (IN ACRES)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED REQUIREMENTS									

Direct Project	.0	.0	.0	.0	.1	.1	.1	.1	.1
Total Project	.0	.0	.0	.0	.1	.1	.1	.1	.1

BASELINE	3.6	3.9	4.2	4.5	4.9	5.3	5.7	6.2	6.7

TOTAL REQUIREMENTS	3.6	3.9	4.3	4.6	5.0	5.4	5.8	6.3	6.8

Direct Require. As % Increase Over Basel.	.8	1.2	1.4	1.7	2.0	2.2	2.0	1.7	1.4
Total Require. As % Increase Over Basel.	1.1	1.2	1.4	1.9	2.2	2.6	2.2	2.0	1.6

Capacity	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
Excess (Under) Cap.	15.3	15.0	14.7	14.3	13.9	13.5	13.1	12.6	12.1
% Capacity Utiliz.	19.3	20.9	22.6	24.5	26.5	28.7	30.9	33.3	35.8

Source: Frank Orth & Associates, Inc.

FSER/RECREATV/RECREWAH/FSERRPT3
 Alternate 01 of 01
 12/31/83 AT 13:31:34

USER = RLH

IMPACT OF THE PROJECT ON RECREATION FACILITIES
 IN THE CITY OF WASILLA - PLAYGROUNDS
 (IN ACRES)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED REQUIREMENTS	-----								
Direct Project	.0	.0	.0	.0	.1	.1	.1	.1	.1
Total Project	.0	.0	.0	.1	.1	.1	.1	.1	.1

BASELINE	4.3	4.6	5.0	5.4	5.8	6.3	6.8	7.3	7.9

TOTAL REQUIREMENTS	4.3	4.7	5.0	5.5	5.9	6.4	6.9	7.4	8.0
=====									
Direct Require. As % Increase Over Basel.	.9	1.0	1.4	1.6	1.8	2.2	2.0	1.7	1.5
Total Require. As % Increase Over Basel.	1.1	1.2	1.4	2.0	2.2	2.5	2.3	2.0	1.6
Capacity	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Excess (Under) Cap.	(3.3)	(3.7)	(4.0)	(4.5)	(4.9)	(5.4)	(5.9)	(6.4)	(7.0)
% Capacity Utiliz.	435.0	470.0	508.0	552.0	596.0	646.0	696.0	749.0	805.0

Source: Frank Orth & Associates, Inc.

FSER/RECREATV/RECREWAH/FSERRPT3
 Alternate 01 of 01
 12/31/83 AT 13:31:30

USER = RLH

IMPACT OF THE PROJECT ON RECREATION FACILITIES
 IN THE CITY OF PALMER - NEIGHBORHOOD PARKS
 (IN ACRES)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED REQUIREMENTS									

Direct Project	.0	.0	.0	.0	.0	.1	.1	.0	.0
Total Project	.0	.0	.0	.0	.0	.1	.1	.1	.1
BASELINE	3.5	3.7	4.0	4.2	4.5	4.8	5.0	5.2	5.4

TOTAL REQUIREMENTS	3.5	3.8	4.0	4.3	4.6	4.9	5.1	5.3	5.5
=====									
Direct Require. As % Increase Over Basel.	.8	1.0	1.2	1.6	1.7	2.0	1.9	1.7	1.6
Total Require. As % Increase Over Basel.	1.1	1.0	1.4	1.8	1.9	2.4	2.3	2.1	1.8
Capacity	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
Excess (Under) Cap.	26.9	26.6	26.4	26.1	25.8	25.5	25.3	25.1	24.9
% Capacity Utiliz.	11.7	12.4	13.3	14.3	15.2	16.3	16.9	17.5	18.1

Source: Frank Orth & Associates, Inc.

FSER/RECREATV/RECREWAH/FSERRPT3
 Alternate 01 of 01
 12/31/83 AT 13:31:26

USER = RLH

IMPACT OF THE PROJECT ON RECREATION FACILITIES
 IN THE CITY OF PALMER - PLAYGROUNDS
 (IN ACRES)

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

PROJECT-RELATED REQUIREMENTS									

Direct Project	.0	.0	.0	.0	.0	.1	.1	.1	.1
Total Project	.0	.0	.0	.0	.1	.1	.1	.1	.1

BASELINE	4.1	4.4	4.7	5.0	5.4	5.7	5.9	6.1	6.4

TOTAL REQUIREMENTS	4.2	4.5	4.8	5.1	5.5	5.9	6.1	6.3	6.5

Direct Require. As % Increase Over Basel.	.9	.9	1.2	1.5	1.6	2.0	2.0	1.7	1.5
Total Require. As % Increase Over Basel.	.9	1.1	1.4	1.7	2.0	2.4	2.3	1.9	1.8
Capacity	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Excess (Under) Cap.	(.2)	(.5)	(.8)	(1.1)	(1.5)	(1.9)	(2.1)	(2.3)	(2.5)
% Capacity Utiliz.	105.5	112.7	120.5	129.0	137.7	147.5	152.5	157.5	163.0

Source: Frank Orth & Associates, Inc.

IMPACTS ON BUDGETS

City of Houston Budget Projections*

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
REVENUES									
PROJECT RELATED									
Direct Portion	15	19	24	35	39	50	49	47	44
Project Total	15	20	26	38	41	54	53	51	46
BASELINE PROJECTION	307	336	370	407	447	493	541	596	655
TOTAL REVENUES	322	357	396	444	488	547	594	646	700
EXPENDITURES									
PROJECT RELATED									
Direct Portion	13	17	21	30	33	43	43	41	38
Project Total	14	18	22	31	34	46	45	44	40
BASELINE PROJECTION	263	290	319	351	385	425	466	513	564
TOTAL EXPENDITURES	278	308	341	382	422	471	511	557	603
Baseline Deficits	-44	-46	-51	-56	-62	-68	-75	-83	-91
Total Deficits	-44	-49	-55	-62	-66	-76	-83	-89	-97

Sums may not equal totals due to independent rounding.

* Solid waste expenditures during 1983 reflect the building of the sanitary and septage systems. Expenditures after 1983 decrease significantly because they include only charges for operation and maintenance.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS
 City of Houston Budget Projections*

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
REVENUES												
PROJECT RELATED												
Direct Portion	41	41	41	44	44	44	44	41	39	39	39	39
Project Total	44	43	44	46	46	47	46	44	41	41	41	41
BASELINE PROJECTION	722	794	873	960	1055	1162	1276	1405	1545	1700	1870	2056
TOTAL REVENUES	765	835	916	1004	1101	1209	1323	1448	1585	1741	1911	2098
EXPENDITURES												
PROJECT RELATED												
Direct Portion	34	34	34	38	38	39	38	34	33	33	33	33
Project Total	39	37	39	40	40	40	40	39	34	34	34	34
BASELINE PROJECTION	621	684	751	826	909	1000	1100	1210	1331	1464	1610	1772
TOTAL EXPENDITURES	657	719	789	865	948	1039	1140	1247	1367	1499	1646	1806
Baseline Deficits	-101	-110	-122	-134	-146	-162	-176	-195	-214	-236	-260	-284
Total Deficits	-108	-116	-127	-139	-153	-170	-183	-201	-218	-242	-265	-292

Sums may not equal totals due to independent rounding.

* Solid waste expenditures during 1983 reflect the building of the sanitary and septage systems. Expenditures after 1983 decrease significantly because they include only charges for operation and maintenance.

Source: Frank Orth & Associates, Inc., 1983.

FSER/FISB2PAV/FISCWAH/FSERRPT3
 Alternate 01 of 01
 12/31/83 AT 13:33:45

USER = RLH

IMPACTS ON BUDGETS

City of Palmer Budget Projections*

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
REVENUES									
PROJECT RELATED									
Direct Portion	49	58	80	118	143	190	189	184	179
Project Total	56	70	90	132	157	214	216	205	203
BASELINE PROJECTION	4684	5153	5673	6249	6886	7588	8134	8721	9352
TOTAL REVENUES	4743	5224	5762	6382	7040	7805	8350	8928	9554
EXPENDITURES									
PROJECT RELATED									
Direct Portion	45	60	76	113	132	177	177	170	162
Project Total	57	65	83	126	148	200	202	192	185
BASELINE PROJECTION	4506	4929	5396	5911	6477	7104	7572	8075	8613
TOTAL EXPENDITURES	4561	4995	5483	6039	6626	7304	7773	8265	8800
Baseline Deficits	-178	-224	-277	-338	-409	-484	-562	-646	-739
Total Deficits	-182	-229	-279	-343	-414	-501	-577	-663	-754

Sums may not equal totals due to independent rounding.

* Budgets include expenditures and revenues from the water and sewer funds.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS
 City of Palmer Budget Projections*

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
REVENUES												
PROJECT RELATED												
Direct Portion	176	176	187	205	220	228	237	228	228	236	245	255
Project Total	206	205	221	236	252	264	273	267	262	275	284	296
BASELINE PROJECTION	10037	10777	11573	12434	13364	14370	15457	16633	17907	19283	20772	22389
TOTAL REVENUES	10242	10980	11790	12671	13617	14634	15732	16899	18171	19556	21057	22682
EXPENDITURES												
PROJECT RELATED												
Direct Portion	161	159	171	184	196	202	210	201	200	206	214	221
Project Total	186	186	199	213	226	234	243	235	229	237	246	254
BASELINE PROJECTION	9195	9819	10487	11209	11982	12815	13711	14676	15715	16835	18040	19337
TOTAL EXPENDITURES	9382	10005	10684	11421	12209	13048	13953	14907	15945	17073	18286	19593
Baseline Deficits	-842	-958	-1086	-1225	-1382	-1555	-1746	-1957	-2192	-2448	-2732	-3052
Total Deficts	-860	-975	-1106	-1250	-1408	-1586	-1779	-1992	-2226	-2483	-2771	-3089

Sums may not equal totals due to independent rounding.

* Budgets include expenditures and revenues from the water and sewer funds.

Source: Frank Orth & Associates, Inc., 1983.

FSER/FISB2TKV/FISCHAH/FSERRPT3
Alternate 01 of 01
12/31/83 AT 13:34:08

USER = RLH

IMPACTS ON BUDGETS

Mat-Su Borough Revenue Collections on Behalf of Talkeetna

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
PROJECT RELATED REVENUES									
Direct Portion	121	171	206	301	345	445	437	409	365
Project Total	144	201	246	355	407	524	513	477	425
BASELINE PROJECTION	892	941	989	1039	1091	1143	1207	1268	1330
TOTAL REVENUES	1036	1141	1234	1394	1498	1667	1720	1745	1755

Sums may not equal totals due to independent rounding.

Source: Frank Orth & Associates, Inc., 1983.

FSER/FISB2TKV/FISCDCH/FSERRPT3
Alternate 01 of 01
12/31/83 AT 13:34:17

USER = RLH

IMPACTS ON BUDGETS

Mat-Su Borough Revenue Collections on Behalf of Talkeetna

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
PROJECT RELATED REVENUES												
Direct Portion	355	355	356	374	393	393	386	367	339	339	339	339
Project Total	414	407	416	434	462	460	451	424	388	388	388	388
BASELINE PROJECTION	1398	1468	1548	1624	1707	1791	1882	1976	2074	2177	2285	2402
TOTAL REVENUES	1812	1876	1965	2058	2169	2250	2334	2399	2462	2566	2675	2790

Sums may not equal totals due to independent rounding.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS

City of Wasilla Budget Projections*

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
REVENUES									
PROJECT RELATED									
Direct Portion	13	20	22	33	41	52	50	50	45
Project Total	16	21	24	37	45	58	55	55	48
BASELINE PROJECTION	1347	1461	1586	1722	1872	2035	2210	2404	2614
TOTAL REVENUES	1363	1482	1612	1761	1918	2091	2268	2457	2664
EXPENDITURES									
PROJECT RELATED									
Direct Portion	12	17	20	30	37	47	47	46	40
Project Total	15	20	23	35	41	53	52	50	47
BASELINE PROJECTION	1213	1319	1435	1562	1697	1847	2010	2187	2380
TOTAL EXPENDITURES	1228	1338	1457	1595	1738	1900	2063	2236	2425
Baseline Deficits	-134	-142	-151	-160	-175	-188	-200	-217	-234
Total Deficts	-135	-144	-155	-166	-180	-191	-205	-221	-239

Sums may not equal totals due to independent rounding.

* Projections of revenues and expenditures include fire service area funds that are related to the city portion of the fire service area.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS
 City of Wasilla Budget Projections*

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
REVENUES												
PROJECT RELATED												
Direct Portion	46	44	48	48	49	49	51	51	47	46	46	47
Project Total	51	50	51	52	55	55	56	55	51	51	51	53
BASELINE PROJECTION	2843	3093	3367	3665	3990	4347	4738	5164	5630	6141	6698	7310
TOTAL REVENUES	2895	3144	3419	3719	4046	4404	4794	5219	5682	6192	6751	7363
EXPENDITURES												
PROJECT RELATED												
Direct Portion	40	40	41	42	44	44	45	44	42	41	41	42
Project Total	48	47	49	49	50	52	52	52	47	47	47	48
BASELINE PROJECTION	2590	2819	3068	3339	3635	3959	4309	4691	5108	5563	6059	6597
TOTAL EXPENDITURES	2637	2865	3116	3389	3686	4009	4360	4743	5156	5609	6105	6645
Baseline Deficits	-253	-274	-299	-326	-355	-388	-429	-473	-522	-578	-639	-713
Total Deficits	-258	-279	-303	-330	-360	-395	-434	-476	-526	-583	-646	-718

Sums may not equal totals due to independent rounding.

* Projections of revenues and expenditures include fire service area funds that are related to the city portion of the fire service area.

Source: Frank Orth & Associates, Inc., 1983.

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Alternate 01 of 01
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IMPACTS ON BUDGETS

Community of Cantwell Fiscal Projections*

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

REVENUES									
PROJECT RELATED									
Direct Portion	0	0	0	0	0	0	0	0	0
Project Total	0	0	0	0	0	0	0	0	0
BASELINE PROJECTION	0	0	0	0	0	0	0	0	0
TOTAL REVENUES	0	0	0	0	0	0	0	0	0
EXPENDITURES									
PROJECT RELATED									
Direct Portion	0	0	0	0	0	0	0	0	0
Project Total	0	0	0	0	0	0	0	0	0
BASELINE PROJECTION	0	0	0	0	0	0	0	0	0
TOTAL EXPENDITURES	0	0	0	0	0	0	0	0	0
Baseline Deficits	0	0	0	0	0	0	0	0	0
Total Deficts	0	0	0	0	0	0	0	0	0

Sums may not equal totals due to independent rounding.

* Budgets for Cantwell are incomplete at this time. Therefore, projections of revenues and expenditures were not made at this time.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS

Community of Cantwell Fiscal Projections*

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
REVENUES												
PROJECT RELATED												
Direct Portion	0	0	0	0	0	0	0	0	0	0	0	0
Project Total	0	0	0	0	0	0	0	0	0	0	0	0
BASELINE PROJECTION	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL REVENUES	0	0	0	0	0	0	0	0	0	0	0	0
EXPENDITURES												
PROJECT RELATED												
Direct Portion	0	0	0	0	0	0	0	0	0	0	0	0
Project Total	0	0	0	0	0	0	0	0	0	0	0	0
BASELINE PROJECTION	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL EXPENDITURES	0	0	0	0	0	0	0	0	0	0	0	0
Baseline Deficits	0	0	0	0	0	0	0	0	0	0	0	0
Total Deficits	0	0	0	0	0	0	0	0	0	0	0	0

Sums may not equal totals due to independent rounding.

* Budgets for Cantwell are incomplete at this time. Therefore, projections of revenues and expenditures were not made at this time.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS

Mat-Su Borough General Fund*

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

REVENUES									
PROJECT RELATED									
Direct Portion	288	367	454	668	784	1014	1016	965	893
Project Total	353	447	550	816	954	1231	1231	1162	1085
BASELINE PROJECTION	28722	30135	31382	33716	36146	39068	41689	44727	47790
TOTAL REVENUES	29075	30579	31930	34531	37097	40301	42918	45888	48872
EXPENDITURES									
PROJECT RELATED									
Direct Portion	315	411	514	742	865	1113	1093	1036	944
Project Total	384	498	623	906	1052	1350	1323	1249	1146
BASELINE PROJECTION	31396	33634	35525	37401	39906	42873	44824	48017	50492
TOTAL EXPENDITURES	31779	34132	36147	38307	40957	44224	46149	49265	51638
Baseline Deficits	2674	3499	4143	3685	3760	3805	3135	3290	2702
Total Deficits	2704	3553	4217	3776	3860	3923	3231	3377	2766
% increase in deficit	0	0	0	0	0	0	0	0	0

Sums may not equal totals due to independent rounding.

* Revenues in 1983 and in subsequent years include Municipal Assistance funds that are received at the end of each fiscal year. Both the revenue and expenditure projections include areawide and non-areawide funds. Deficits in 1983 were covered by drawing down the fund balance. Long-term deficits would have to be covered by raising mill rates or lowering the expenditures.

IMPACTS ON BUDGETS
 Mat-Su Borough General Fund*

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
REVENUES												
PROJECT RELATED												
Direct Portion	886	892	940	1000	1066	1107	1118	1089	1060	1083	1115	1148
Project Total	1082	1084	1146	1223	1297	1347	1356	1324	1283	1310	1347	1385
BASELINE PROJECTION	51007	54398	58068	62015	66213	70704	75521	80679	86202	92135	98493	105311
TOTAL REVENUES	52090	55483	59211	63234	67510	72053	76878	82004	87487	93442	99840	106695
EXPENDITURES												
PROJECT RELATED												
Direct Portion	920	903	933	974	1015	1034	1022	982	938	942	955	970
Project Total	1121	1097	1135	1188	1236	1259	1244	1191	1135	1139	1154	1171
BASELINE PROJECTION	52833	55036	57561	60328	63130	66089	69267	72640	76247	80174	84410	88995
TOTAL EXPENDITURES	53953	56134	58694	61516	64367	67347	70511	73831	77382	81314	85564	90165
Baseline Deficits	1826	638	-507	-1687	-3083	-4615	-6254	-8039	-9955	-11961	-14083	-16316
Total Deficits	1863	651	-517	-1718	-3143	-4706	-6367	-8173	-10105	-12128	-14276	-16530
% increase in deficit	0	0	0	0	0	0	0	0	0	0	0	0

Sums may not equal totals due to independent rounding.

* Revenues in 1983 and in subsequent years include Municipal Assistance funds that are received at the end of each fiscal year. Both the revenue and expenditure projections include areawide and non-areawide funds. Deficits in 1983 were covered by drawing down the fund balance. Long-term deficits would have to be covered by raising mill rates or lowering the expenditures.

IMPACTS ON BUDGETS.

Mat-Su Borough Service Area Fund

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
REVENUES									
PROJECT RELATED									
Direct Portion	9	13	17	25	28	38	39	37	34
Project Total	12	15	20	30	35	47	48	45	42
BASELINE PROJECTION	2965	3305	3687	4114	4594	5186	5795	6478	7244
TOTAL REVENUES	2977	3320	3707	4144	4629	5233	5842	6522	7286
EXPENDITURES									
PROJECT RELATED									
Direct Portion	9	12	15	22	26	34	34	33	30
Project Total	11	14	18	27	32	42	41	40	37
BASELINE PROJECTION	2877	3220	3590	4003	4481	5025	5599	6280	7013
TOTAL EXPENDITURES	2888	3234	3609	4030	4512	5067	5641	6319	7050
Baseline Deficits	-88	-85	-97	-111	-113	-161	-196	-198	-231
Total Deficits	-89	-86	-98	-114	-117	-166	-201	-203	-236

Sums may not equal totals due to independent rounding.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS

Mat-Su Borough Service Area Fund

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
REVENUES												
PROJECT RELATED												
Direct Portion	34	36	38	40	43	45	47	45	45	46	48	50
Project Total	43	43	45	49	53	55	56	55	54	56	58	60
BASELINE PROJECTION	8106	9073	10161	11385	12761	14309	16052	18014	20223	22713	25516	28676
TOTAL REVENUES	8148	9116	10207	11435	12813	14365	16109	18070	20278	22768	25574	28736
EXPENDITURES												
PROJECT RELATED												
Direct Portion	30	30	31	33	35	36	36	35	33	34	34	35
Project Total	37	36	38	40	42	44	44	42	40	41	42	42
BASELINE PROJECTION	7829	8736	9764	10923	12222	13685	15333	17191	19284	21647	24313	27321
TOTAL EXPENDITURES	7866	8772	9802	10963	12264	13729	15377	17233	19325	21688	24354	27364
Baseline Deficits	-277	-337	-397	-462	-539	-624	-719	-823	-939	-1066	-1203	-1355
Total Deficits	-282	-344	-405	-472	-549	-636	-732	-837	-953	-1080	-1220	-1372

Sums may not equal totals due to independent rounding.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS

Mat-Su Borough Land Management Fund

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993

REVENUES									
PROJECT RELATED									
Direct Portion	11	14	17	25	29	37	37	35	31
Project Total	13	17	21	31	36	45	44	42	38
BASELINE PROJECTION	1075	1149	1209	1269	1348	1442	1501	1600	1673
TOTAL REVENUES	1089	1166	1230	1299	1384	1488	1545	1641	1711
EXPENDITURES									
PROJECT RELATED									
Direct Portion	3	4	5	8	9	12	11	11	10
Project Total	4	5	7	10	11	14	14	13	12
BASELINE PROJECTION	336	359	377	396	421	450	469	499	522
TOTAL EXPENDITURES	340	364	384	406	432	464	482	512	534
Baseline Deficits	-739	-790	-832	-873	-927	-992	-1032	-1101	-1151
Total Deficits	-749	-802	-846	-893	-952	-1024	-1063	-1129	-1177

Sums may not equal totals due to independent rounding.

Land management surplus funds are transferred into other accounts.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS
 Mat-Su Borough Land Management Fund

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
REVENUES												
PROJECT RELATED												
Direct Portion	30	30	30	31	32	33	32	30	29	28	28	28
Project Total	37	36	37	38	40	40	39	37	35	34	34	34
BASELINE PROJECTION	1740	1801	1870	1944	2017	2092	2170	2251	2334	2422	2514	2611
TOTAL REVENUES	1777	1836	1906	1982	2056	2132	2209	2288	2369	2457	2549	2645
EXPENDITURES												
PROJECT RELATED												
Direct Portion	9	9	9	10	10	10	10	9	9	9	9	9
Project Total	12	11	12	12	12	12	12	12	11	11	11	11
BASELINE PROJECTION	543	562	584	607	630	653	677	703	729	756	785	815
TOTAL EXPENDITURES	555	573	595	619	642	665	690	714	739	767	796	826
Baseline Deficits	-1197	-1239	-1286	-1337	-1387	-1439	-1493	-1548	-1605	-1666	-1729	-1796
Total Deficits	-1222	-1263	-1311	-1363	-1414	-1467	-1519	-1574	-1630	-1690	-1753	-1819

Sums may not equal totals due to independent rounding.

Land management surplus funds are transferred into other accounts.

Source: Frank Orth & Associates, Inc., 1983.

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 Alternate 01 of 01
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IMPACTS ON BUDGETS

Municipality of Anchorage Expenditure Projections

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
REVENUES									
PROJECT RELATED									
Direct Portion	0	0	0	0	0	0	0	0	0
Project Total	0	0	0	0	0	0	0	0	0
BASELINE PROJECTION	0	0	0	0	0	0	0	0	0
TOTAL REVENUES	0	0	0	0	0	0	0	0	0
EXPENDITURES									
PROJECT RELATED									
Direct Portion	-295	-408	-864	-987	-1051	-1266	-1214	-996	-607
Project Total	132	138	-162	6	83	163	177	304	763
BASELINE PROJECTION	184227	188723	190744	192295	196576	202449	202980	208571	210439
TOTAL EXPENDITURES	184359	188861	190583	192305	196659	202613	203156	208875	211197
Baseline Deficits	184227	188723	190744	192295	196576	202449	202980	208571	210439
Total Deficits	184359	188861	190583	192305	196659	202613	203156	208875	211197

Sums may not equal totals due to independent rounding.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS
 Municipality of Anchorage Expenditure Projections

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
REVENUES												
PROJECT RELATED												
Direct Portion	0	0	0	0	0	0	0	0	0	0	0	0
Project Total	0	0	0	0	0	0	0	0	0	0	0	0
BASELINE PROJECTION	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL REVENUES	0	0	0	0	0	0	0	0	0	0	0	0
EXPENDITURES												
PROJECT RELATED												
Direct Portion	-403	-272	-403	-535	-610	-635	-594	-432	-81	2	2	2
Project Total	1145	1241	1145	1108	1084	1073	1089	1164	1520	1584	1585	1585
BASELINE PROJECTION	211298	211232	212007	213212	214048	214913	215947	217016	218174	219583	221111	222776
TOTAL EXPENDITURES	212445	212473	213152	214320	215128	215986	217036	218182	219694	221165	222697	224365
Baseline Deficits	211298	211232	212007	213212	214048	214913	215947	217016	218174	219583	221111	222776
Total Deficits	212445	212473	213152	214320	215128	215986	217036	218182	219694	221165	222697	224365

Sums may not equal totals due to independent rounding.

Source: Frank Orth & Associates, Inc., 1983.

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Alternate 01 of 01
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IMPACTS ON BUDGETS

City of Fairbanks Expenditure Projections*

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
REVENUES									
PROJECT RELATED									
Direct Portion	0	0	0	0	0	0	0	0	0
Project Total	0	0	0	0	0	0	0	0	0
BASELINE PROJECTION	0	0	0	0	0	0	0	0	0
TOTAL REVENUES	0	0	0	0	0	0	0	0	0
EXPENDITURES									
PROJECT RELATED									
Direct Portion	-52	-76	-139	-189	-218	-224	-211	-207	-136
Project Total	-16	-31	-72	-101	-118	-87	-73	-76	-21
BASELINE PROJECTION	29010	30438	31848	32998	34500	36516	37810	39395	41399
TOTAL EXPENDITURES	28993	30407	31773	32897	34379	36429	37737	39320	41378
Baseline Deficits	29010	30438	31848	32998	34500	36516	37810	39395	41399
Total Deficts	28993	30407	31773	32897	34379	36429	37737	39320	41378

Sums may not equal totals due to independent rounding.

* Expenditure projections include only a subset of the municipal utilities system (water, sewer, and electric).

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS
 City of Fairbanks Expenditure Projections*

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
REVENUES												
PROJECT RELATED												
Direct Portion	0	0	0	0	0	0	0	0	0	0	0	0
Project Total	0	0	0	0	0	0	0	0	0	0	0	0
BASELINE PROJECTION	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL REVENUES	0	0	0	0	0	0	0	0	0	0	0	0
EXPENDITURES												
PROJECT RELATED												
Direct Portion	-85	-65	-87	-114	-157	-165	-153	-92	-18	8	8	8
Project Total	30	45	33	12	-25	-30	-17	37	97	126	127	129
BASELINE PROJECTION	43483	44831	46423	48158	49869	51642	53570	55615	57734	59937	62284	64769
TOTAL EXPENDITURES	43514	44874	46454	48167	49845	51613	53554	55650	57831	60062	62412	64899
Baseline Deficits	43483	44831	46423	48158	49869	51642	53570	55615	57734	59937	62284	64769
Total Deficits	43514	44874	46454	48167	49845	51613	53554	55650	57831	60062	62412	64899

Sums may not equal totals due to independent rounding.

* Expenditure projections include only a subset of the municipal utilities system (water, sewer, and electric).

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS

Mat-Su Borough School Budget Projections*

YEARS	1985	1986	1987	1988	1989	1990	1991	1992	1993
REVENUES									
PROJECT RELATED									
Direct Portion	779	994	2954	3492	3778	4354	4298	4007	3459
Project Total	867	1105	3102	3709	4026	4676	4613	4295	3731
BASELINE PROJECTION	41966	44898	47522	50171	53790	57972	61200	65742	69669
TOTAL REVENUES	42834	46001	50623	53879	57817	62648	65811	70036	73401
EXPENDITURES									
PROJECT RELATED									
Direct Portion	519	675	2662	3030	3228	3622	3580	3482	3202
Project Total	607	784	2807	3243	3471	3938	3887	3762	3466
BASELINE PROJECTION	41673	44511	46862	49161	52658	56804	59575	63980	67447
TOTAL EXPENDITURES	42280	45295	49669	52404	56129	60742	63461	67742	70913
Baseline Deficits	-293	-386	-660	-1010	-1132	-1168	-1626	-1762	-2222
Total Deficts	-273	-360	-631	-976	-1094	-1125	-1596	-1738	-2214

Sums may not equal totals due to independent rounding.

* Enrollment has increased dramatically; it is expected that 6,972 school-age children will attend public school in the Mat-Su Borough School District by June 1984. Revenue and expenditure projections were made under this assumption and therefore, appear higher than in the 1983-1984 initial budget.

Source: Frank Orth & Associates, Inc., 1983.

IMPACTS ON BUDGETS

Mat-Su Borough School Budget Projections*

YEARS	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
REVENUES												
PROJECT RELATED												
Direct Portion	3096	2672	3162	3552	3763	3870	3814	3555	2422	2202	2227	225^
Project Total	3376	2945	3447	3851	4080	4190	4131	3860	2711	2489	2514	2543
BASELINE PROJECTION	73516	77313	81524	86049	90684	95586	100760	105690	110885	116430	122291	128507
TOTAL REVENUES	76892	80258	84971	89902	94766	99776	104893	109550	113595	118919	124805	13105^
EXPENDITURES												
PROJECT RELATED												
Direct Portion	2906	2522	2906	3124	3170	3191	3155	3077	2174	1993	1993	1993
Project Total	3176	2781	3176	3404	3466	3487	3445	3352	2434	2247	2242	2242
BASELINE PROJECTION	70674	73694	77114	80788	84430	88239	92209	95633	99177	102934	106842	11093^
TOTAL EXPENDITURES	73850	76475	80289	84192	87896	91726	95654	98985	101611	105181	109083	113172
Baseline Deficits	-2841	-3620	-4408	-5263	-6253	-7347	-8553	-10057	-11708	-13495	-15449	-17578
Total Deficts	-2845	-3639	-4446	-5316	-6327	-7439	-8662	-10179	-11842	-13650	-15624	-1777^

Sums may not equal totals due to independent rounding.
 * Enrollment has increased dramatically; it is expected that 6,972 school-age children will attend public school in the Mat-Su Borough School District by June 1984. Revenue and expenditure projections were made under this assumption and therefore, appear higher than in the 1983-1984 initial budget.

Source: Frank Orth & Associates, Inc., 1983.