

## Northeast U.S. Rural Research Sites — Tables

Table A-1  
1997 Reading, Language, and Math Mean NCE Scores on the CTBS/Terra Nova in English  
for Bilingual Immersion and Non-immersion Students: Cross-sectional Analyses

Grade in 1997	Attended Bilingual Immersion Program?		1997 NCE Scores Total Reading	1997 NCE Scores Total Language	1997 NCE Scores Total Math
1	No	Mean	53.42	56.62	57.17
		N	24	24	24
		Std. Deviation	20.41	18.83	17.04
	Yes	Mean	65.84	64.00	62.89
		N	19	19	19
		Std. Deviation	20.38	16.86	13.71
	Total	Mean	58.91	59.88	59.70
		N	43	43	43
		Std. Deviation	21.10	18.16	15.74
2	No	Mean	55.02	58.56	63.34
		N	56	57	59
		Std. Deviation	19.75	20.86	21.46
	Yes	Mean	62.26	63.50	52.13
		N	31	32	32
		Std. Deviation	18.02	18.27	16.41
	Total	Mean	57.60	60.34	59.40
		N	87	89	91
		Std. Deviation	19.36	20.01	20.46
Total	No	Mean	54.54	57.99	61.55
		N	80	81	83
		Std. Deviation	19.83	20.18	20.37
	Yes	Mean	63.62	63.69	56.14
		N	50	51	51
		Std. Deviation	18.83	17.59	16.20
Total	Mean	58.03	60.19	59.49	
	N	130	132	134	
	Std. Deviation	19.88	19.35	19.01	

Table A-2  
 1998 Reading, Language, and Math Mean NCE Scores on the CTBS/Terra Nova in English  
 for Bilingual Immersion and Non-immersion Students: Cross-sectional Analyses

Grade in 1998	Attended Bilingual Immersion Program?		1998 NCE Scores Total Reading	1998 NCE Scores Total Language	1998 NCE Scores Total Math
1	No	Mean	44.07	43.97	45.38
		N	29	29	29
		Std. Deviation	17.83	20.63	15.78
	Yes	Mean	56.87	52.93	56.53
		N	15	15	15
		Std. Deviation	24.70	17.82	21.03
	Total	Mean	48.43	47.02	49.18
		N	44	44	44
		Std. Deviation	21.06	19.98	18.29
2	No	Mean	55.31	59.69	57.28
		N	51	48	50
		Std. Deviation	20.49	20.01	23.34
	Yes	Mean	62.97	71.31	62.28
		N	29	29	29
		Std. Deviation	13.99	16.95	17.33
	Total	Mean	58.09	64.06	59.11
		N	80	77	79
		Std. Deviation	18.68	19.64	21.35
3	No	Mean	54.76	58.05	58.00
		N	63	62	60
		Std. Deviation	21.27	23.33	19.50
	Yes	Mean	61.94	64.88	64.47
		N	34	34	34
		Std. Deviation	15.75	16.86	18.44
	Total	Mean	57.28	60.47	60.34
		N	97	96	94
		Std. Deviation	19.73	21.42	19.28
4	No	Mean	56.17	53.30	53.83
		N	23	23	23
		Std. Deviation	18.56	25.18	20.61
	Yes	Mean	51.93	47.93	46.87
		N	15	15	15
		Std. Deviation	15.51	18.79	11.91
	Total	Mean	54.50	51.18	51.08
		N	38	38	38
		Std. Deviation	17.33	22.75	17.83

Table A-2 (continued)

Grade in 1998	Attended Bilingual Immersion Program?		1998 NCE Scores Total Reading	1998 NCE Scores Total Language	1998 NCE Scores Total Math
5	No	Mean	53.10	56.73	57.10
		N	51	48	49
		Std. Deviation	15.48	15.53	18.64
	Yes	Mean	58.54	61.64	68.20
		N	26	25	25
		Std. Deviation	18.37	13.95	16.35
	Total	Mean	54.94	58.41	60.85
		N	77	73	74
		Std. Deviation	16.59	15.09	18.56
6	No	Mean	61.19	58.81	62.90
		N	21	21	21
		Std. Deviation	19.83	16.57	18.60
	Yes	Mean	53.56	51.97	48.03
		N	32	31	32
		Std. Deviation	19.89	18.01	23.53
	Total	Mean	56.58	54.73	53.92
		N	53	52	53
		Std. Deviation	20.03	17.61	22.74
Total	No	Mean	53.92	55.94	56.11
		N	238	231	232
		Std. Deviation	19.45	20.87	20.15
	Yes	Mean	58.28	59.99	58.61
		N	151	149	150
		Std. Deviation	18.02	18.51	20.22
Total	Mean	55.61	57.53	57.09	
	N	389	380	382	
	Std. Deviation	19.00	20.05	20.19	

Table A-3

1999 Reading, Language, and Math Mean NCE Scores on the Terra Nova in English  
for Bilingual Immersion and Non-immersion Students: Cross-sectional Analyses

Grade in 1999	Attended Bilingua Immersion Program?		1999 NCE Scores Total Reading	1999 NCE Scores Total Language	1999 NCE Scores Total Math
1	No	Mean	46.00	51.94	44.16
		N	62	62	61
		Std. Deviation	18.61	19.30	16.42
	Yes	Mean	50.84	57.21	48.37
		N	19	19	19
		Std. Deviation	16.76	19.01	18.83
	Total	Mean	47.14	53.17	45.16
		N	81	81	80
		Std. Deviation	18.21	19.25	16.99
2	No	Mean	45.00	44.95	49.67
		N	43	43	43
		Std. Deviation	21.39	22.33	21.59
	Yes	Mean	53.46	58.39	46.49
		N	41	41	39
		Std. Deviation	12.87	17.96	18.20
	Total	Mean	49.13	51.51	48.16
		N	84	84	82
		Std. Deviation	18.15	21.30	19.99
3	No	Mean	55.67	53.52	53.57
		N	54	54	54
		Std. Deviation	17.98	17.80	15.03
	Yes	Mean	73.41	70.41	70.76
		N	29	29	29
		Std. Deviation	15.83	15.81	16.82
	Total	Mean	61.87	59.42	59.58
		N	83	83	83
		Std. Deviation	19.16	18.86	17.62
4	No	Mean	53.32	54.85	54.17
		N	47	47	47
		Std. Deviation	16.96	18.97	20.73
	Yes	Mean	56.67	70.60	59.60
		N	15	15	15
		Std. Deviation	9.29	18.86	15.45
	Total	Mean	54.13	58.66	55.48
		N	62	62	62

Table A-3 (continued)		Std. Deviation	15.45	19.98	19.61
Grade in 1999	Attended Bilingual Immersion Program?		1999 NCE Scores Total Reading	1999 NCE Scores Total Language	1999 NCE Scores Total Math
5	No	Mean	54.34	55.31	55.53
		N	58	58	58
		Std. Deviation	21.12	22.78	22.50
	Yes	Mean	50.73	51.87	55.60
		N	30	30	30
		Std. Deviation	21.07	17.27	16.91
Total	Mean	53.11	54.14	55.56	
	N	88	88	88	
	Std. Deviation	21.05	21.03	20.66	
6	No	Mean	51.46	54.35	51.60
		N	52	52	52
		Std. Deviation	18.88	19.00	19.53
	Yes	Mean	55.88	57.88	59.04
		N	26	26	26
		Std. Deviation	16.33	18.34	12.40
Total	Mean	52.94	55.53	54.08	
	N	78	78	78	
	Std. Deviation	18.09	18.74	17.75	
7	No	Mean	59.73	59.22	58.89
		N	37	37	37
		Std. Deviation	17.09	20.16	20.70
	Yes	Mean	66.85	63.69	66.15
		N	13	13	13
		Std. Deviation	14.02	12.43	17.43
Total	Mean	61.58	60.38	60.78	
	N	50	50	50	
	Std. Deviation	16.51	18.45	19.99	
Total	No	Mean	51.95	53.39	52.14
		N	353	353	352
		Std. Deviation	19.40	20.26	19.83
	Yes	Mean	57.69	60.53	56.96
		N	173	173	171
		Std. Deviation	17.59	18.30	18.56
Total	Mean	53.84	55.74	53.72	
	N	526	526	523	
	Std. Deviation	19.00	19.90	19.54	

Table A-4  
 2000 Reading, Language, and Math Mean NCE Scores on the Terra Nova in English  
 for Bilingual Immersion and Non-immersion Students: Cross-sectional Analyses

Grade in 2000	Attended Bilingua Immersion Program?		2000 NCE Scores Total Reading	2000 NCE Scores Total Language	2000 NCE Scores Total Math
2	No	Mean	54.40	58.19	53.81
		N	43	43	43
		Std. Deviation	18.22	23.16	21.01
	Yes	Mean	56.53	54.74	48.35
		N	34	34	34
		Std. Deviation	16.80	16.88	19.64
	Total	Mean	55.34	56.66	51.40
		N	77	77	77
		Std. Deviation	17.53	20.57	20.47
3	No	Mean	43.08	43.67	49.12
		N	49	49	49
		Std. Deviation	15.31	16.97	15.78
	Yes	Mean	57.82	57.45	56.18
		N	33	33	33
		Std. Deviation	18.00	19.19	18.54
	Total	Mean	49.01	49.22	51.96
		N	82	82	82
		Std. Deviation	17.88	19.04	17.19
4	No	Mean	52.06	55.97	57.97
		N	34	34	34
		Std. Deviation	28.12	24.46	23.40
	Yes	Mean	66.09	67.00	63.73
		N	11	11	11
		Std. Deviation	19.98	24.02	20.79
	Total	Mean	55.49	58.67	59.38
		N	45	45	45
		Std. Deviation	26.85	24.55	22.69
5	No	Mean	54.52	57.69	56.48
		N	62	62	62
		Std. Deviation	21.25	23.09	22.51
	Yes	Mean	58.50	60.17	60.63
		N	30	30	30
		Std. Deviation	16.07	17.57	17.93
	Total	Mean	55.82	58.50	57.84
		N	92	92	92

Std. Deviation 19.71 21.38 21.11

Table A-4 (continued)

Grade in 2000	Attended Bilingual Immersion Program?		2000 NCE Scores Total Reading	2000 NCE Scores Total Language	2000 NCE Scores Total Math
6	No	Mean	50.75	53.08	55.77
		N	60	60	60
		Std. Deviation	18.81	23.47	21.70
	Yes	Mean	56.17	59.92	55.79
		N	24	24	24
		Std. Deviation	22.33	23.22	19.24
	Total	Mean	52.30	55.04	55.77
		N	84	84	84
		Std. Deviation	19.89	23.47	20.91
7	No	Mean	53.95	59.02	56.43
		N	60	60	60
		Std. Deviation	17.01	20.41	18.69
	Yes	Mean	56.72	59.83	55.22
		N	18	18	18
		Std. Deviation	15.46	16.48	14.59
	Total	Mean	54.59	59.21	56.15
		N	78	78	78
		Std. Deviation	16.61	19.48	17.74
Total	No	Mean	51.56	54.70	54.95
		N	308	308	308
		Std. Deviation	19.90	22.40	20.59
	Yes	Mean	57.87	58.76	55.67
		N	150	150	150
		Std. Deviation	17.87	19.11	18.82
Total	Mean	53.63	56.03	55.19	
	N	458	458	458	
	Std. Deviation	19.47	21.44	20.01	

Table A-5  
 2000 Reading, Language, and Math Mean NCE Scores on the Terra Nova in English  
 for Students Initially Classified as LEP Compared to Non-LEP Students  
 by Number of Years Attending Bilingual Immersion Program: Quasi-Longitudinal Analyses

Number of Years Attending Bilingual Immersion	LEP Status			2000 NCE Scores	2000 NCE Scores	2000 NCE Scores
				Total Reading	Total Language	Total Math
0 years (Non-immersion students)	Former LEP	Mean		47.54	49.75	49.69
		N		59	59	59
		Std. Deviation		17.00	20.48	17.84
	Non-LEP	Mean		52.82	55.51	55.86
		N		222	222	222
		Std. Deviation		20.02	22.18	20.90
	Total	Mean		51.72	54.30	54.57
		N		281	281	281
		Std. Deviation		19.52	21.92	20.42
1 year in bilingual immersion	Former LEP	Mean		46.82	45.64	48.00
		N		11	11	11
		Std. Deviation		17.36	21.67	24.46
	Non-LEP	Mean		53.37	54.80	56.27
		N		30	30	30
		Std. Deviation		19.02	23.14	22.73
	Total	Mean		51.61	52.34	54.05
		N		41	41	41
		Std. Deviation		18.61	22.86	23.19
2 years in bilingual immersion	Former LEP	Mean		50.86	58.92	53.49
		N		37	37	37
		Std. Deviation		17.02	19.26	18.93
	Non-LEP	Mean		56.21	59.70	56.77
		N		53	53	53
		Std. Deviation		21.33	19.50	18.83
	Total	Mean		54.01	59.38	55.42
		N		90	90	90
		Std. Deviation		19.75	19.30	18.84
3 years in bilingual immersion	Former LEP	Mean		55.79	58.03	47.41
		N		29	29	29
		Std. Deviation		18.48	19.86	19.51
	Non-LEP	Mean		56.89	56.50	59.63
		N		38	38	38
		Std. Deviation		18.30	19.76	17.46
	Total	Mean		56.42	57.16	54.34
		N		67	67	67
		Std. Deviation		18.25	19.67	19.23

Table A-5

(continued)

Number of Years Attending Bilingual Immersion	LEP Status		2000 NCE Scores Total Reading	2000 NCE Scores Total Language	2000 NCE Scores Total Math
4 years in bilingual immersion	Former LEP	Mean	61.67	61.00	58.92
		N	24	24	24
		Std. Deviation	17.79	19.33	17.31
	Non-LEP	Mean	60.73	60.83	59.23
		N	30	30	30
		Std. Deviation	18.37	19.35	20.95
	Total	Mean	61.15	60.91	59.09
		N	54	54	54
		Std. Deviation	17.95	19.16	19.24
Total (Immersion & non-immersion students combined)	Former LEP	Mean	51.88	54.78	51.43
		N	160	160	160
		Std. Deviation	17.95	20.42	18.96
	Non-LEP	Mean	54.40	56.58	56.68
		N	373	373	373
		Std. Deviation	19.89	21.42	20.39
	Total	Mean	53.64	56.04	55.10
		N	533	533	533
		Std. Deviation	19.34	21.12	20.10

Table A-6  
 Reading Mean NCE Scores on the CTBS/Terra Nova in English  
 for Students Initially Classified as LEP Compared to non-LEP Students  
 by Program Type and by Grade: Longitudinal Analyses

Attended Bilingual Immersion Program?	LEP Status	Grade in 2000		1997 NCE Scores: Total Reading	2000 NCE Scores: Total Reading	1997-2000 Gain in Total Reading
No (Non-immersion students)	Former LEP	4	Mean	45.2000	49.8000	4.6000
			N	5	5	5
		Std. Deviation	17.2829	21.7647	11.0363	
		5	Mean	53.5000	53.6667	.1667
			N	12	12	12
		Std. Deviation	20.9870	18.2275	15.8047	
	6	Mean	44.0909	41.2727	-2.8182	
		N	11	11	11	
	Std. Deviation	7.9556	7.5643	6.4159		
	7	Mean	44.8182	48.0000	3.1818	
		N	11	11	11	
	Std. Deviation	9.4108	11.5499	8.9198		
Total	Mean	47.3333	48.0769	.7436		
	N	39	39	39		
Std. Deviation	14.7101	14.8278	11.1514			
No (Non-immersion students)	Non-LEP	4	Mean	61.6667	56.0000	-5.6667
			N	24	24	24
		Std. Deviation	22.0487	29.4471	30.0835	
		5	Mean	55.6667	52.8056	-2.8611
			N	36	36	36
		Std. Deviation	22.6829	20.6520	15.8424	
	6	Mean	58.3889	54.5000	-3.8889	
		N	36	36	36	
	Std. Deviation	18.4612	18.9382	12.8236		
	7	Mean	56.2000	57.3667	1.1667	
		N	30	30	30	
	Std. Deviation	16.2892	16.8962	8.2004		
Total	Mean	57.7143	54.9841	-2.7302		
	N	126	126	126		
Std. Deviation	19.8844	21.1807	17.4395			

Table A-6 (continued)

Attended Bilingual Immersion Program?	LEP Status	Grade in 2000		1997 NCE Scores: Total Reading	2000 NCE Scores: Total Reading	1997-2000 Gain in Total Reading
No (Non-immersion students)	Total (Former LEP & Non-LEP)	4	Mean	58.8276	54.9310	-3.8966
			N	29	29	29
			Std. Deviation	21.9562	28.0292	27.8636
		5	Mean	55.1250	53.0208	-2.1042
			N	48	48	48
			Std. Deviation	22.0711	19.8874	15.7199
		6	Mean	55.0426	51.4043	-3.6383
			N	47	47	47
			Std. Deviation	17.6216	17.8151	11.5879
		7	Mean	53.1463	54.8537	1.7073
			N	41	41	41
			Std. Deviation	15.5106	16.0617	8.3344
	Total	Mean	55.2606	53.3515	-1.9091	
		N	168	168	168	
		Std. Deviation	19.2632	20.0386	16.2116	
Yes (Bilingual immersion students)	Former LEP	4	Mean	57.2500	57.5000	.2500
			N	4	4	4
			Std. Deviation	41.1370	29.4901	22.4852
		5	Mean	56.3529	59.8824	3.5294
			N	17	17	17
			Std. Deviation	15.7438	16.9554	8.7687
		6	Mean	54.2000	50.5333	-3.6667
			N	15	15	15
			Std. Deviation	16.6699	24.7527	13.8030
		7	Mean	53.5455	55.4545	1.9091
			N	11	11	11
			Std. Deviation	14.8079	13.2315	10.4159
	Total	Mean	55.0851	55.6596	.5745	
		N	47	47	47	
		Std. Deviation	18.1836	19.9175	12.2807	

Table A-6 (continued)

Attended Bilingual Immersion Program?	LEP Status	Grade in 2000		1997 NCE Scores: Total Reading	2000 NCE Scores: Total Reading	1997-2000 Gain in Total Reading
Yes (Bilingual immersion students)	Non-LEP	4	Mean	66.0000	67.1429	1.1429
			N	7	7	7
			Std. Deviation	16.6933	18.3977	8.9894
		5	Mean	63.6957	59.0000	-4.6957
			N	23	23	23
			Std. Deviation	15.3990	17.6249	15.0437
		6	Mean	62.7143	59.7857	-2.9286
		N	14	14	14	
		Std. Deviation	16.6615	21.8075	15.4296	
		7	Mean	58.2941	56.8824	-1.4118
		N	17	17	17	
		Std. Deviation	21.6384	21.1598	12.2987	
	Total	Mean	62.2295	59.5246	-2.7049	
	N	61	61	61		
	Std. Deviation	17.5142	19.4693	13.6642		
Yes (Bilingual immersion students)	Total (Former LEP & non-LEP)	4	Mean	62.8182	63.6364	.8182
			N	11	11	11
			Std. Deviation	26.3508	22.0829	14.1550
		5	Mean	60.5750	59.3750	-1.2000
			N	40	40	40
			Std. Deviation	15.7787	17.1280	13.2727
		6	Mean	58.3103	55.0000	-3.3103
		N	29	29	29	
		Std. Deviation	16.9286	23.4368	14.3505	
		7	Mean	56.4286	56.3214	-.1071
		N	28	28	28	
		Std. Deviation	19.0854	18.1844	11.5128	
	Total	Mean	59.1204	57.8426	-1.2778	
	N	108	108	108		
	Std. Deviation	18.0781	19.6674	13.1226		

Table A-6

(continued)

	LEP Status	Grade in 2000		1997 NCE Scores: Total Reading	2000 NCE Scores: Total Reading	1997-2000 Gain in Total Reading
Total (Immersion & Non-immersion students combined)	Former LEP	4	Mean	50.5556	53.2222	2.6667
			N	9	9	9
		Std. Deviation	28.7102	24.0717	15.9922	
		5	Mean	55.1724	57.3103	2.1379
			N	29	29	29
		Std. Deviation	17.7966	17.4501	12.0378	
		6	Mean	49.9231	46.6154	-3.3077
			N	26	26	26
	Std. Deviation	14.3831	19.6918	11.1059		
	7	Mean	49.1818	51.7273	2.5455	
		N	22	22	22	
	Std. Deviation	12.9049	12.7061	9.4855		
	Total	Mean	51.5698	52.2209	.6512	
		N	86	86	86	
Std. Deviation	17.0512	18.0941	11.7140			
Non-LEP	4	Mean	62.6452	58.5161	-4.1290	
		N	31	31	31	
		Std. Deviation	20.7807	27.4759	26.8027	
		5	Mean	58.7966	55.2203	-3.5763
			N	59	59	59
		Std. Deviation	20.3967	19.6083	15.4308	
	6	Mean	59.6000	55.9800	-3.6200	
		N	50	50	50	
	Std. Deviation	17.9148	19.7003	13.4466		
	7	Mean	56.9574	57.1915	.2340	
		N	47	47	47	
	Std. Deviation	18.1981	18.3239	9.8272		
Total	Mean	59.1872	56.4652	-2.7219		
	N	187	187	187		
Std. Deviation	19.2139	20.6960	16.2672			

Table A-6

(continued)

LEP Status	Grade in 2000		1997 NCE Scores: Total Reading	2000 NCE Scores: Total Reading	1997-2000 Gain in Total Reading
Total (All students combined)	4	Mean	59.9250	57.3250	-2.6000
		N	40	40	40
		Std. Deviation	22.9653	26.5440	24.7654
	5	Mean	57.6023	55.9091	-1.6932
		N	88	88	88
		Std. Deviation	19.5504	18.8495	14.5834
	6	Mean	56.2895	52.7763	-3.5132
		N	76	76	76
		Std. Deviation	17.3204	20.0703	12.6201
	7	Mean	54.4783	55.4493	.9710
		N	69	69	69
		Std. Deviation	16.9936	16.8397	9.7105
Total	Mean	56.7875	55.1282	-1.6593	
	N	273	273	273	
	Std. Deviation	18.8646	19.9778	15.0432	

Table A-7  
 Reading Mean NCE Scores on the CTBS/Terra Nova in English  
 for Students Initially Classified as LEP Compared to non-LEP Students  
 by Program Type: Longitudinal Analyses

Attended Bilingual Immersion Program?	LEP status		1997 NCE Scores: Total Reading	2000 NCE Scores: Total Reading	1997-2000 Gain in Total Reading
No (Non-immersion students)	Former LEP	Mean	47.3333	48.0769	.7436
		N	39	39	39
		Std. Deviation	14.7101	14.8278	11.1514
	Non-LEP	Mean	57.7143	54.9841	-2.7302
		N	126	126	126
		Std. Deviation	19.8844	21.1807	17.4395
	Total	Mean	55.2606	53.3515	-1.9091
		N	165	165	165
		Std. Deviation	19.2632	20.0386	16.2116
Yes (Bilingual immersion students)	Former LEP	Mean	55.0851	55.6596	.5745
		N	47	47	47
		Std. Deviation	18.1836	19.9175	12.2807
	Non-LEP	Mean	62.2295	59.5246	-2.7049
		N	61	61	61
		Std. Deviation	17.5142	19.4693	13.6642
	Total	Mean	59.1204	57.8426	-1.2778
		N	108	108	108
		Std. Deviation	18.0781	19.6674	13.1226
Total (Immersion & Non-immersion students combined)	Former LEP	Mean	51.5698	52.2209	.6512
		N	86	86	86
		Std. Deviation	17.0512	18.0941	11.7140
	Non-LEP	Mean	59.1872	56.4652	-2.7219
		N	187	187	187
		Std. Deviation	19.2139	20.6960	16.2672
	Total	Mean	56.7875	55.1282	-1.6593
		N	273	273	273
		Std. Deviation	18.8646	19.9778	15.0432

Table A-8  
 Language Mean NCE Scores on the CTBS/Terra Nova in English  
 for Students Initially Classified as LEP Compared to non-LEP Students  
 by Program Type and by Grade: Longitudinal Analyses

Attended Bilingual Immersion Program?	LEP Status	Grade in 2000		1997 NCE Scores: Total Language	2000 NCE Scores: Total Language	1997-2000 Gain in Total Language
(Non-immersion students)	Former LEP	4	Mean	57.0000	55.4000	-3.0000
			N	4	5	4
		Std. Deviation	27.3130	19.5908	25.8586	
		5	Mean	63.3636	56.8333	-8.4545
			N	11	12	11
		Std. Deviation	27.4964	19.7108	25.4965	
	6	Mean	45.1818	42.3636	-2.8182	
		N	11	11	11	
	Std. Deviation	11.4439	15.0882	10.9710		
	7	Mean	50.1000	51.0000	.6000	
		N	10	11	10	
	Std. Deviation	14.2786	18.9631	15.5435		
Total	Mean	53.4167	50.9231	-3.6111		
	N	36	39	36		
Std. Deviation	20.6597	18.5009	18.7682			
(Non-immersion students)	Non-LEP	4	Mean	66.9545	60.3333	-3.9545
			N	22	24	22
		Std. Deviation	19.9057	24.7082	14.2477	
		5	Mean	58.8857	56.0000	-3.4571
			N	35	36	35
		Std. Deviation	22.3643	21.9050	19.7594	
	6	Mean	60.9143	57.6111	-3.0000	
		N	35	36	35	
	Std. Deviation	21.1081	21.7299	16.7103		
	7	Mean	59.5357	62.8667	3.8929	
		N	28	30	28	
	Std. Deviation	16.5384	19.6130	12.6061		
Total	Mean	61.1083	58.9206	-1.7000		
	N	120	126	120		
Std. Deviation	20.2621	21.7993	16.5202			

Table A-8 (continued)

Attended Bilingual Immersion Program?	LEP Status	Grade in 2000		1997 NCE Scores: Total Language	2000 NCE Scores: Total Language	1997-2000 Gain in Total Language		
No (Non-immersion students)	Total (Former LEP & non-LEP)	4	Mean	65.4231	59.4828	-3.8077		
			N	26	29	26		
		5	Mean	59.9565	56.2083	-4.6522		
			N	46	48	46		
		6	Mean	57.1522	54.0426	-2.9565		
			N	46	47	46		
		7	Mean	57.0526	59.6829	3.0263		
			N	36	41	36		
		Total	Mean	59.3333	57.0303	-2.1410		
			N	156	165	156		
		Yes (Bilingual immersion students)	Former LEP	4	Mean	77.5000	74.0000	-3.5000
					N	4	4	4
5	Mean			61.4118	62.3529	.9412		
	N			17	17	17		
6	Mean			56.0000	54.7333	-1.2667		
	N			15	15	15		
7	Mean			59.0000	54.0909	-4.9091		
	N			11	11	11		
Total	Mean			60.4894	58.9787	-1.5106		
	N			47	47	47		
					Std. Deviation	20.8752	23.6622	15.8392
					Std. Deviation	23.4445	21.1750	21.0736
			Std. Deviation	20.2923	21.2449	15.4185		
			Std. Deviation	16.3376	19.9279	13.3000		
			Std. Deviation	20.5462	21.2868	17.0212		
			Std. Deviation	30.5232	28.8791	23.6995		
			Std. Deviation	15.6247	19.8681	11.2387		
			Std. Deviation	21.8174	24.0430	18.2345		
			Std. Deviation	17.3205	18.9761	12.0951		
			Std. Deviation	19.7064	21.9391	14.7955		

Table A-8 (continued)

Attended Bilingual Immersion Program?	LEP Status	Grade in 2000		1997 NCE Scores: Total Language	2000 NCE Scores: Total Language	1997-2000 Gain in Total Language
Yes (Bilingual immersion students)	Non-LEF	4	Mean	78.8571	61.4286	-17.4286
			N	7	7	7
		Std. Deviation	12.3346	22.9191	20.1234	
		5	Mean	65.2609	62.3913	-2.8696
			N	23	23	23
		Std. Deviation	17.0486	21.0211	19.0914	
	6	Mean	62.3571	63.2143	.8571	
		N	14	14	14	
	Std. Deviation	21.8513	23.3508	18.0463		
	7	Mean	59.6250	62.7647	1.1250	
		N	16	17	16	
	Std. Deviation	14.5642	18.5995	8.5313		
Total	Mean	64.6667	62.5738	-2.6333		
	N	60	61	60		
Std. Deviation	17.7532	20.6207	17.3224			
Yes (Bilingual immersion students)	Total (Former LEF & non-LEP)	4	Mean	78.3636	66.0000	-12.3636
			N	11	11	11
		Std. Deviation	19.2680	24.6089	21.4675	
		5	Mean	63.6250	62.3750	-1.2500
			N	40	40	40
		Std. Deviation	16.3655	20.2784	16.1575	
	6	Mean	59.0690	58.8276	-.2414	
		N	29	29	29	
	Std. Deviation	21.6827	23.6810	17.8499		
	7	Mean	59.3704	59.3571	-1.3333	
		N	27	28	27	
	Std. Deviation	15.4226	18.8939	10.3627		
Total	Mean	62.8318	61.0093	-2.1402		
	N	107	108	107		
Std. Deviation	18.6626	21.1795	16.1966			

Table A-8

(continued)

	LEP Status	Grade in 2000		1997 NCE Scores: Total Language	2000 NCE Scores: Total Language	1997-2000 Gain in Total Language
Total (Immersion & Non-immersion students combined)	Former LEP	4	Mean	67.2500	63.6667	-3.2500
			N	8	9	8
		Std. Deviation	28.9667	24.5102	22.9643	
		5	Mean	62.1786	60.0690	-2.7500
			N	28	29	28
		Std. Deviation	20.6309	19.6431	18.3699	
		6	Mean	51.4231	49.5000	-1.9231
	N		26	26	26	
	Std. Deviation	18.6723	21.2984	15.3282		
	7	Mean	54.7619	52.5455	-2.2857	
		N	21	22	21	
	Std. Deviation	16.2016	18.5799	13.7773		
	Total	Mean	57.4217	55.3256	-2.4217	
		N	83	86	83	
Std. Deviation	20.3093	20.7310	16.5604			
Non-LEP	4	Mean	69.8276	60.5806	-7.2069	
		N	29	31	29	
		Std. Deviation	18.8851	23.9441	16.5365	
	5	Mean	61.4138	58.4915	-3.2241	
		N	58	59	58	
		Std. Deviation	20.5042	21.6113	19.3300	
	6	Mean	61.3265	59.1800	-1.8980	
		N	49	50	49	
		Std. Deviation	21.1033	22.0997	17.0028	
	7	Mean	59.5682	62.8298	2.8864	
		N	44	47	44	
		Std. Deviation	15.6761	19.0484	11.2688	
	Total	Mean	62.2944	60.1123	-2.0111	
N		180	187	180		
Std. Deviation	19.4846	21.4354	16.7492			

Table A-8

(continued)

LEP Status	Grade in 2000		1997 NCE Scores: Total Language	2000 NCE Scores: Total Language	1997-2000 Gain in Total Language
Total (All students combined)	4	Mean	69.2703	61.2750	-6.3514
		N	37	40	37
	5	Std. Deviation	21.0167	23.7897	17.8313
		Mean	61.6628	59.0114	-3.0698
	6	N	86	88	86
		Std. Deviation	20.4270	20.8831	18.9158
	7	Mean	57.8933	55.8684	-1.9067
		N	75	76	75
	Total	Std. Deviation	20.7166	22.1735	16.3370
		Mean	58.0154	59.5507	1.2154
	Total	N	65	69	65
		Std. Deviation	15.8829	19.3744	12.2710
Total	Mean	60.7567	58.6044	-2.1407	
	N	263	273	263	
Total	Std. Deviation	19.8399	21.2948	16.6593	

Table A-9  
 Language Mean NCE Scores on the CTBS/Terra Nova in English  
 for Students Initially Classified as LEP Compared to non-LEP Students  
 by Program Type: Longitudinal Analyses

Attended Bilingual Immersion Program?	LEP Status		1997 NCE Scores: Total Language	2000 NCE Scores: Total Language	1997-2000 Gain in Total Language
No (Non-immersion students)	Former LEP	Mean	53.4167	50.9231	-3.6111
		N	36	39	36
		Std. Deviation	20.6597	18.5009	18.7682
	Non-LEP	Mean	61.1083	58.9206	-1.7000
		N	120	126	120
		Std. Deviation	20.2621	21.7993	16.5202
	Total	Mean	59.3333	57.0303	-2.1410
		N	156	165	156
		Std. Deviation	20.5462	21.2868	17.0212
Yes (Bilingual immersion students)	Former LEP	Mean	60.4894	58.9787	-1.5106
		N	47	47	47
		Std. Deviation	19.7064	21.9391	14.7955
	Non-LEP	Mean	64.6667	62.5738	-2.6333
		N	60	61	60
		Std. Deviation	17.7532	20.6207	17.3224
	Total	Mean	62.8318	61.0093	-2.1402
		N	107	108	107
		Std. Deviation	18.6626	21.1795	16.1966
Total (Immersion & Non-immersion students combined)	Former LEP	Mean	57.4217	55.3256	-2.4217
		N	83	86	83
		Std. Deviation	20.3093	20.7310	16.5604
	Non-LEP	Mean	62.2944	60.1123	-2.0111
		N	180	187	180
		Std. Deviation	19.4846	21.4354	16.7492
	Total	Mean	60.7567	58.6044	-2.1407
		N	263	273	263
		Std. Deviation	19.8399	21.2948	16.6593

Table A-10

Mathematics Mean NCE Scores on the CTBS/Terra Nova in English  
for Students Initially Classified as LEP Compared to non-LEP Students  
by Program Type and by Grade: Longitudinal Analyses

Attended Bilingual Immersion Program:	LEP Status	Grade in 2000		1997 NCE Scores: Total Math	2000 NCE Scores: Total Math	1997-2000 Gain in Total Math
Non-immersion students)	Former LEP	4	Mean	64.2500	45.0000	-17.5000
			N	4	5	4
		Std. Deviation	7.3655	16.1710	17.2143	
		5	Mean	59.9091	61.4167	2.3636
			N	11	12	11
		Std. Deviation	16.0590	16.1102	13.4705	
	6	Mean	45.3636	44.5455	-.8182	
		N	11	11	11	
	Std. Deviation	11.1828	13.7504	8.6812		
	7	Mean	50.5455	53.0000	2.4545	
		N	11	11	11	
	Std. Deviation	10.8108	12.1491	10.1426		
Total	Mean	53.2703	52.1795	-.7027		
	N	37	39	37		
Std. Deviation	13.8417	15.5578	12.7233			
Non-immersion students)	Non-LEP	4	Mean	68.2917	63.5417	-4.7500
			N	24	24	24
		Std. Deviation	24.5489	20.9450	18.6063	
		5	Mean	59.7143	51.4167	-8.3143
			N	35	36	35
		Std. Deviation	22.3298	22.3586	17.4622	
	6	Mean	60.8611	60.2778	-.5833	
		N	36	36	36	
	Std. Deviation	20.3430	21.7750	14.1126		
	7	Mean	59.3448	59.7000	.8966	
		N	29	30	29	
	Std. Deviation	19.8895	19.2123	11.0335		
Total	Mean	61.6210	58.2302	-3.2258		
	N	124	126	124		
Std. Deviation	21.6666	21.4383	15.7252			

Table A-10 (continued)

Attended Bilingual Immersion Program?	LEP Status	Grade in 2000		1997 NCE Scores: Total Math	2000 NCE Scores: Total Math	1997-2000 Gain in Total Math
No (Non-immersion students)	Total (Former LEP & non-LEP)	4	Mean	67.7143	60.3448	-6.5714
			N	28	29	28
			Std. Deviation	22.8357	21.1783	18.6675
		5	Mean	59.7609	53.9167	-5.7609
			N	46	48	46
			Std. Deviation	20.8339	21.2641	17.0856
		6	Mean	57.2340	56.5957	-.6383
			N	47	47	47
			Std. Deviation	19.6482	21.1472	12.9588
		7	Mean	56.9250	57.9024	1.3250
	N	40	41	40		
	Std. Deviation	18.1608	17.7071	10.6900		
	Total	Mean	59.7019	56.8000	-2.6460	
		N	161	165	161	
		Std. Deviation	20.4061	20.3234	15.0882	
Yes (Bilingual immersion students)	Former LEP	4	Mean	65.2500	52.5000	-12.7500
			N	4	4	4
			Std. Deviation	31.9100	41.8290	13.7447
		5	Mean	60.5294	59.5882	-.9412
			N	17	17	17
			Std. Deviation	21.0033	15.8590	15.3642
		6	Mean	53.9333	52.2000	-1.7333
			N	15	15	15
			Std. Deviation	20.6863	20.2280	10.0176
		7	Mean	61.4000	51.8182	-10.2000
	N	10	11	10		
	Std. Deviation	12.7819	9.0865	11.8021		
	Total	Mean	58.9783	54.8085	-4.2391	
		N	46	47	46	
		Std. Deviation	20.1180	18.9032	13.2718	

Table A-10 (continued)

Attended Bilingual Immersion Program?	LEP Status	Grade in 2000		1997 NCE Scores: Total Math	2000 NCE Scores: Total Math	1997-2000 Gain in Total Math
Yes (Bilingual immersion students)	Non-LEF	4	Mean	69.2857	63.7143	-5.5714
			N	7	7	7
		5	Mean	64.2609	66.8696	2.6087
			N	23	23	23
		6	Mean	60.2857	59.2143	-1.0714
			N	14	14	14
		7	Mean	67.4118	60.8235	-6.5882
			N	17	17	17
		Total	Mean	64.8033	63.0656	-1.7377
			N	61	61	61
Yes (Bilingual immersion students)	Total (Former LEF & non-LEP)	4	Mean	67.8182	59.6364	-8.1818
			N	11	11	11
		5	Mean	62.6750	63.7750	1.1000
			N	40	40	40
		6	Mean	57.0000	55.5862	-1.4138
			N	29	29	29
		7	Mean	65.1852	57.2857	-7.9259
			N	27	28	27
		Total	Mean	62.2991	59.4722	-2.8131
			N	107	108	107
			Std. Deviation	18.7917	19.3303	14.3746
			Std. Deviation	22.2628	19.9663	9.7728
			Std. Deviation	17.1682	20.2019	16.9725
			Std. Deviation	15.9135	19.4911	13.9506
			Std. Deviation	19.0240	17.8764	13.6464
			Std. Deviation	17.1682	20.2019	16.9725
			Std. Deviation	19.0240	17.8764	13.6464
			Std. Deviation	22.2628	19.9663	9.7728
			Std. Deviation	18.7917	19.3303	14.3746
			Std. Deviation	21.4840	28.0153	13.6588
			Std. Deviation	18.7280	18.6197	16.2019
			Std. Deviation	19.8098	19.1228	11.6941
			Std. Deviation	19.2435	16.9375	10.4951
			Std. Deviation	19.4961	19.4952	13.9027

Table A-10 (continued)

	LEP Status	Grade in 2000		1997 NCE Scores: Total Math	2000 NCE Scores: Total Math	1997-2000 Gain in Total Math
Total (Immersion & Non-immersion students combined)	Former LEP	4	Mean	64.7500	48.3333	-15.1250
			Std. Deviation	21.4459	28.3284	14.6428
		5	Mean	60.2857	60.3448	.3571
			Std. Deviation	18.8951	15.7009	14.4843
		6	Mean	50.3077	48.9615	-1.3462
			Std. Deviation	17.5585	17.8784	9.3035
		7	Mean	55.7143	52.4091	-3.5714
	Std. Deviation		12.7599	10.4865	12.4923	
	Total	Mean	56.4337	53.6163	-2.6627	
		Std. Deviation	17.7305	17.4161	13.0714	
	Non-LEP	4	Mean	68.5161	63.5806	-4.9355
			Std. Deviation	22.6464	20.3056	17.4488
		5	Mean	61.5172	57.4407	-3.9828
			Std. Deviation	20.4014	22.6771	17.9478
6		Mean	60.7000	59.9800	-.7200	
		Std. Deviation	19.7910	20.5838	13.8462	
7		Mean	62.3261	60.1064	-1.8696	
	Std. Deviation	20.9253	19.2785	11.0928		
Total	Mean	62.6703	59.8075	-2.7351		
	Std. Deviation	20.7656	20.8465	15.2700		

Table A-10 (continued)

LEP Status	Grade in 2000		1997 NCE Scores: Total Math	2000 NCE Scores: Total Math	1997-2000 Gain in Total Math
Total (All students combined)	4	Mean	67.7436	60.1500	-7.0256
		N	39	40	39
	5	Mean	61.1163	58.3977	-2.5698
		N	86	88	86
	6	Mean	57.1447	56.2105	-.9342
		N	76	76	76
	7	Mean	60.2537	57.6522	-2.4030
		N	67	69	67
	Total	Mean	60.7388	57.8571	-2.7127
		N	268	273	268
		Std. Deviation	22.1807	22.8771	17.2405
		Std. Deviation	19.8206	20.5927	16.9362
	Std. Deviation	19.5780	20.2743	12.4176	
	Std. Deviation	18.9059	17.2753	11.4813	
	Std. Deviation	20.0514	20.0066	14.6001	

Table A-11  
 Mathematics Mean NCE Scores on the CTBS/Terra Nova in English  
 for Students Initially Classified as LEP Compared to non-LEP Students  
 by Program Type: Longitudinal Analyses

Attended Bilingual Immersion Program?	LEP Status		1997 NCE Scores: Total Math	2000 NCE Scores: Total Math	1997-2000 Gain in Total Math
No (Non-immersion students)	Former LEP	Mean	53.2703	52.1795	-.7027
		N	37	39	37
		Std. Deviation	13.8417	15.5578	12.7233
	Non-LEP	Mean	61.6210	58.2302	-3.2258
		N	124	126	124
		Std. Deviation	21.6666	21.4383	15.7252
	Total	Mean	59.7019	56.8000	-2.6460
		N	161	165	161
		Std. Deviation	20.4061	20.3234	15.0882
Yes (Bilingual immersion students)	Former LEP	Mean	58.9783	54.8085	-4.2391
		N	46	47	46
		Std. Deviation	20.1180	18.9032	13.2718
	Non-LEP	Mean	64.8033	63.0656	-1.7377
		N	61	61	61
		Std. Deviation	18.7917	19.3303	14.3746
	Total	Mean	62.2991	59.4722	-2.8131
		N	107	108	107
		Std. Deviation	19.4961	19.4952	13.9027
Total (Immersion & Non-immersion students combined)	Former LEP	Mean	56.4337	53.6163	-2.6627
		N	83	86	83
		Std. Deviation	17.7305	17.4161	13.0714
	Non-LEP	Mean	62.6703	59.8075	-2.7351
		N	185	187	185
		Std. Deviation	20.7656	20.8465	15.2700
	Total	Mean	60.7388	57.8571	-2.7127
		N	268	273	268
		Std. Deviation	20.0514	20.0066	14.6001

Table A-12  
 Repeated Measures ANOVAs on Total Reading Achievement  
 by Program Experience, LEP Status, and Grade in 2000:

Tests of Within-Subjects Effects

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
Prepost	Sphericity Assumed	52.145	1	52.145	.453	.502
	Huynh-Feldt	52.145	1.000	52.145	.453	.502
Prepost by Program Experience	Sphericity Assumed	2.238E-02	1	2.238E-02	.000	.989
	Huynh-Feldt	2.238E-02	1.000	2.238E-02	.000	.989
Prepost by LEP Status	Sphericity Assumed	250.760	1	250.760	2.176	.141
	Huynh-Feldt	250.760	1.000	250.760	2.176	.141
Prepost by Grade in 2000	Sphericity Assumed	325.639	3	108.546	.942	.421
	Huynh-Feldt	325.639	3.000	108.546	.942	.421
Error (Prepost)	Sphericity Assumed	29612.751	257	115.225		
	Huynh-Feldt	29612.751	257.000	115.225		

Tests of Between-Subjects Effects

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	1137695.035	1	1137695.035	1796.205	.000
Program Experience	4020.518	1	4020.518	6.348	.012
LEP Status	5313.450	1	5313.450	8.389	.004
Grade in 2000	1399.798	3	466.599	.737	.531
Program Experience by LEP Status	199.422	1	199.422	.315	.575
Program Experience by Grade in 2000	214.660	3	71.553	.113	.952
LEP Status by Grade in 2000	1673.710	3	557.903	.881	.452
Prog.Exp. by LEP Status by Grade in 2000	452.502	3	150.834	.238	.870
Error	162780.758	257	633.388		

Table A-13  
 Repeated Measures ANOVAs on Total Reading Achievement  
 by Program Experience and LEP Status:

Tests of Within-Subjects Effects

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
Prepost	Sphericity Assumed	118.950	1	118.950	1.051	.306
	Huynh-Feldt	118.950	1.000	118.950	1.051	.306
Prepost by Program Experience	Sphericity Assumed	.145	1	.145	.001	.971
	Huynh-Feldt	.145	1.000	.145	.001	.971
Prepost by LEP Status	Sphericity Assumed	320.045	1	320.045	2.828	.094
	Huynh-Feldt	320.045	1.000	320.045	2.828	.094
Prepost by Program Experience & by LEP Status	Sphericity Assumed	.265	1	.265	.002	.961
	Huynh-Feldt	.265	1.000	.265	.002	.961
Error (Prepost)	Sphericity Assumed	30441.220	269	113.164		
	Huynh-Feldt	30441.220	269.000	113.164		

Tests of Between-Subjects Effects

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	1362396.768	1	1362396.768	2204.498	.000
Program Experience	4174.721	1	4174.721	6.755	.010
LEP Status	5619.509	1	5619.509	9.093	.003
Program Experience by LEP Status	276.659	1	276.659	.448	.504
Error	166244.112	269	618.008		

Table A-14  
 Repeated Measures ANOVAs on Total Language Achievement  
 by Program Experience, LEP Status, and Grade in 2000:

Tests of Within-Subjects Effects

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
Prepost	Sphericity Assumed	766.004	1	766.004	5.500	.020
	Huynh-Feldt	766.004	1.000	766.004	5.500	.020
Prepost by Program Experience	Sphericity Assumed	16.147	1	16.147	.116	.734
	Huynh-Feldt	16.147	1.000	16.147	.116	.734
Prepost by LEP Status	Sphericity Assumed	2.023	1	2.023	.015	.904
	Huynh-Feldt	2.023	1.000	2.023	.015	.904
Prepost by Grade in 2000	Sphericity Assumed	488.855	3	162.952	1.170	.322
	Huynh-Feldt	488.855	3.000	162.952	1.170	.322
Error (Prepost)	Sphericity Assumed	34402.327	247	139.281		
	Huynh-Feldt	34402.327	247.000	139.281		

Tests of Between-Subjects Effects

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	1260837.644	1	1260837.644	1830.713	.000
Program Experience	4099.774	1	4099.774	5.953	.015
LEP Status	2378.069	1	2378.069	3.453	.064
Grade in 2000	5031.912	3	1677.304	2.435	.065
Program Experience by LEP Status	987.828	1	987.828	1.434	.232
Program Experience by Grade in 2000	1000.702	3	333.567	.484	.693
LEP Status by Grade in 2000	2471.278	3	823.759	1.196	.312
Prog.Exp. By LEP Status by Grade in 2000	1132.081	3	377.360	.548	.650
Error	170112.334	247	688.714		

Table A-15  
 Repeated Measures ANOVAs on Total Language Achievement  
 by Program Experience and LEP Status:

Tests of Within-Subjects Effects

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
Prepost	Sphericity Assumed	603.601	1	603.601	4.308	.039
	Huynh-Feldt	603.601	1.000	603.601	4.308	.039
Prepost by Program Experience	Sphericity Assumed	9.197	1	9.197	.066	.798
	Huynh-Feldt	9.197	1.000	9.197	.066	.798
Prepost by LEP Status	Sphericity Assumed	4.197	1	4.197	.030	.863
	Huynh-Feldt	4.197	1.000	4.197	.030	.863
Prepost by Program Experience & by LEP Status	Sphericity Assumed	62.143	1	62.143	.444	.506
	Huynh-Feldt	62.143	1.000	62.143	.444	.506
Error (Prepost)	Sphericity Assumed	36289.717	259	140.115		
	Huynh-Feldt	36289.717	259.000	140.115		

Tests of Between-Subjects Effects

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	1490881.319	1	1490881.319	2161.578	.000
Program Experience	3396.618	1	3396.618	4.925	.027
LEP Status	4061.491	1	4061.491	5.889	.016
Program Experience by LEP Status	683.650	1	683.650	.991	.320
Error	178637.246	259	689.719		

Table A-16  
 Repeated Measures ANOVAs on Total Mathematics Achievement  
 by Program Experience, LEP Status, and Grade in 2000:

Tests of Within-Subjects Effects

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
Prepost	Sphericity Assumed	1349.405	1	1349.405	13.167	.000
	Huynh-Feldt	1349.405	1.000	1349.405	13.167	.000
Prepost by Program Experience	Sphericity Assumed	34.518	1	34.518	.337	.562
	Huynh-Feldt	34.518	1.000	34.518	.337	.562
Prepost by LEP Status	Sphericity Assumed	85.710	1	85.710	.836	.361
	Huynh-Feldt	85.710	1.000	85.710	.836	.361
Prepost by Grade in 2000	Sphericity Assumed	839.854	3	279.951	2.732	.044
	Huynh-Feldt	839.854	3.000	279.951	2.732	.044
Error (Prepost)	Sphericity Assumed	25825.927	252	102.484		
	Huynh-Feldt	25825.927	252.000	102.484		

Tests of Between-Subjects Effects

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	1219439.532	1	1219439.532	1773.836	.000
Program Experience	1168.487	1	1168.487	1.700	.194
LEP Status	4356.908	1	4356.908	6.338	.012
Grade in 2000	3011.811	3	1003.937	1.460	.226
Program Experience by LEP Status	1.084	1	1.084	.002	.968
Program Experience by Grade in 2000	65.082	3	21.694	.032	.992
LEP Status by Grade in 2000	2330.767	3	776.922	1.130	.337
Prog.Exp. By LEP Status by Grade in 2000	1727.965	3	575.988	.838	.474
Error	173239.652	252	687.459		

Table A-17  
 Repeated Measures ANOVAs on Total Mathematics Achievement  
 by Program Experience and LEP Status:

Tests of Within-Subjects Effects

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
Prepost	Sphericity Assumed	669.970	1	669.970	6.253	.013
	Huynh-Feldt	669.970	1.000	669.970	6.253	.013
Prepost by Program Experience	Sphericity Assumed	28.649	1	28.649	.267	.606
	Huynh-Feldt	28.649	1.000	28.649	.267	.606
Prepost by LEP Status	Sphericity Assumed	3.209E-03	1	3.209E-03	.000	.996
	Huynh-Feldt	3.209E-03	1.000	3.209E-03	.000	.996
Prepost by Program Experience & by LEP Status	Sphericity Assumed	172.388	1	172.388	1.609	.206
	Huynh-Feldt	172.388	1.000	172.388	1.609	.206
Error (Prepost)	Sphericity Assumed	28283.790	264	107.136		
	Huynh-Feldt	28283.790	264.000	107.136		

Tests of Between-Subjects Effects

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	1491997.185	1	1491997.185	2178.596	.000
Program Experience	1690.048	1	1690.048	2.468	.117
LEP Status	5480.263	1	5480.263	8.002	.005
Program Experience by LEP Status	4.915E-03	1	4.915E-03	.000	.998
Error	180798.636	264	684.843		

Table A-18

Stepwise Regression Analyses: Effects of Socioeconomic Status and Years in Program on Former LEP Students' Reading Achievement in 2000

Model Summary

	R	R Square	Standard Error of the Estimate	Change Statistics					
Mode				R Square Change	F Change	df1	df2	Sig. F Change	
Socioeconomic Status 1	.249	.062	16.77	.062	5.744	1	87	.019	
Years in Bilingual Classes 2	.350	.122	16.32	.060	5.915	1	86	.017	

Model Summary

	R	R Square	Standard Error of the Estimate	Change Statistics					
Mode				R Square Change	F Change	df1	df2	Sig. F Change	
Years in Bilingual Classes 1	.291	.085	16.57	.085	8.062	1	87	.006	
Socioeconomic Status 2	.350	.122	16.32	.037	3.673	1	86	.059	