

South-Central U.S. Large Urban Research Site — Tables

Table C-1

1999 Reading Mean NCE Scores on the Stanford 9 in English
for Students Initially Classified as LEP Compared to Non-LEP Students by Program Type:
Cross-sectional Analyses

Grade	Native-English Speakers in Mainstream	Former LEP Students Who Are Graduates of Transitional Bilingual Education	Former LEP Students Who Are Graduates of ESL Content (No First Language Support)	Former LEP Students Whose Parents Refused Bilingual/ESL Services
	N = 103,887	N = 3,333	N = 3,655	N = 1,599
2	49			49
3	50			45
4	49	51	57	34
5	50	53	59	32
6	48	54	55	29
7	46	48	48	26
8	47	47	47	28
9	45	46	43	24
10	47	45	39	22
11	49	47	40	25

Table C-2
 1999 Mathematics Mean NCE Scores on the Stanford 9 in English
 for Students Initially Classified as LEP Compared to Non-LEP Students by Program Type:
 Cross-sectional Analyses

Grade	Native-English Speakers in Mainstream N = 103,887	Former LEP Students Who Are Graduates of Transitional Bilingual Education N = 3,333	Former LEP Students Who Are Graduates of ESL Content (No First Language Support) N = 3655	Former LEP Students Whose Parents Refused Bilingual/ESL Services N = 1,599
2	47			49
3	55			52
4	55	66	66	45
5	56	57	69	44
6	54	61	64	41
7	47	51	51	34
8	46	46	49	34
9	48	49	49	38
10	48	47	44	34
11	46	44	41	34

Table C-3
 1999 Reading and Math Mean NCE Scores on the Stanford 9 in English for Native-English Speakers Compared to the Reading and Math Mean NCE Scores on the Aprenda 2 in Spanish for LEP Students Attending Transitional Bilingual Education: Cross-sectional Analyses

Grade	Native-English Speakers in Mainstream: 1999 NCE Scores Total Reading in English N = 103,887	Native-Spanish Speakers in Bilingual Education: 1999 NCE Scores Total Reading in Spanish N = 19,281	Native-English Speakers in Mainstream: 1999 NCE Scores Total Math in English N = 103,887	Native-Spanish Speakers in Bilingual Education: 1999 NCE Scores Total Math in Spanish N = 19,281
1	52	59	46	48
2	49	62	47	56
3	50	59	55	56
4	49	52	55	57
5	50	52	56	54
6	48	49	54	46
7	46	54	47	46
8	47	64	46	56

Table C-4
 2000 Reading, Math, and Language Mean NCE Scores on the Aprenda 2 in Spanish
 for Students Initially Classified as LEP Compared by Grade and by Program Type:
 Developmental Bilingual Education (DBE), Two-way Bilingual Immersion (TWBI), and
 Transitional Bilingual Education (TBE) Comparison Groups for the DBE and TWBI Schools,
 and
 Native-English Speakers in TWBI: Cross-sectional Analyses

Grade	Program Type		2000 Aprenda Scores Total Reading	2000 Aprenda Scores Total Math	2000 Aprenda Scores Total Language
1	Non-DBE LEP Comparison Group Attending Transitional BE	Mean	59.1742	49.3486	56.6755
		N	1422	1419	1419
		Std. Deviation	17.0325	18.4156	14.4633
	LEP Group Attending Developmental Bilingual Education (DBE)	Mean	59.8049	47.7544	55.3922
		N	1575	1569	1573
		Std. Deviation	16.9601	18.1668	14.0301
	Non-TWB LEP Comparison Group Attending Transitional BE	Mean	56.8101	47.2484	51.0376
		N	276	275	274
		Std. Deviation	16.9428	17.1063	14.7592
	LEP Group Attending Two-way Bilingua Immersion (TWBI)	Mean	60.4132	50.1337	56.8725
		N	448	448	448
		Std. Deviation	17.6134	19.1282	15.5439
	Tota	Mean	59.4150	48.6137	55.7398
		N	3721	3711	3714
		Std. Deviation	17.0802	18.3231	14.5087
2	Non-DBE LEP Comparison Group Attending Transitional BE	Mean	61.7132	57.6553	62.3476
		N	1337	1337	1336
		Std. Deviation	16.6988	17.5140	18.5197
	LEP Group Attending Developmental Bilingual Education (DBE)	Mean	63.1054	55.8875	61.4383
		N	1398	1397	1395
		Std. Deviation	16.6410	17.5339	18.2842
	Non-TWB LEP Comparison Group Attending Transitional BE	Mean	58.4151	53.9856	57.1913
		N	265	263	263
		Std. Deviation	16.8289	19.7260	19.5824
	Native-English Speakers Attending Two-way Bilingual Immersion	Mean	58.5667	50.8833	55.1833
		N	6	6	6
		Std. Deviation	32.7709	33.1351	33.2525
	LEP Group Attending Two-way Bilingua Immersion (TWBI)	Mean	64.6304	61.8492	66.6978
		N	372	372	372
		Std. Deviation	16.9429	18.2833	19.3309
Tota	Mean	62.3463	57.0878	62.0364	
	N	3378	3375	3372	

Table C-4 (continued)

Grade	Program Type		2000	2000	2000
			Apranda Scores Total Reading	Apranda Scores Total Math	Apranda Scores Total Language
3	Non-DBE LEP Comparison Group Attending Transitional BE	Mean	57.7729	56.8398	58.6607
		N	1250	1249	1248
		Std. Deviation	14.5803	16.2137	16.9634
	LEP Group Attending Developmental Bilingual Education (DBE)	Mean	60.1007	59.3799	59.0452
		N	1366	1364	1366
		Std. Deviation	15.1125	16.1918	16.6885
	Non-TWB LEP Comparison Group Attending Transitional BE	Mean	58.1415	56.8990	54.6971
		N	207	207	207
		Std. Deviation	14.2236	14.5014	16.4530
	Native-English Speakers Attending Two-way Bilingual Immersion	Mean	62.8273	59.6000	61.2273
		N	11	11	11
		Std. Deviation	18.6158	19.4133	21.9598
	LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	59.6649	59.7536	62.4070
		N	373	373	373
		Std. Deviation	14.0634	15.3025	15.7834
Total	Mean	59.0256	58.2737	59.0134	
	N	3207	3204	3205	
	Std. Deviation	14.7763	16.0498	16.7658	
4	Non-DBE LEP Comparison Group Attending Transitional BE	Mean	52.8047	57.1007	57.1912
		N	764	764	764
		Std. Deviation	15.7650	16.4644	15.4414
	LEP Group Attending Developmental Bilingual Education (DBE)	Mean	56.4233	61.7628	60.8002
		N	1007	1004	1007
		Std. Deviation	15.7745	17.3343	14.7295
	Non-TWB LEP Comparison Group Attending Transitional BE	Mean	59.1609	65.6039	60.6945
		N	128	128	128
		Std. Deviation	16.2677	18.4287	14.8432
	Native-English Speakers Attending Two-way Bilingual Immersion	Mean	60.2700	61.5400	59.9300
		N	10	10	10
		Std. Deviation	17.7285	14.6389	17.4733
	LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	57.7714	64.3912	61.1726
		N	241	240	241
		Std. Deviation	15.5880	16.0698	13.9932
Total	Mean	55.4694	60.6251	59.5492	
	N	2150	2146	2150	
	Std. Deviation	15.9149	17.1700	15.0157	

Table C-4 (continued)

Grade	Program Type		2000 Aprenda Scores Total Reading	2000 Aprenda Scores Total Math	2000 Aprenda Scores Total Language
5	Non-DBE LEP Comparison Group Attending Transitional BE	Mean	53.0072	53.9971	54.2243
		N	516	516	515
		Std. Deviation	15.3463	13.7283	12.9114
	LEP Group Attending Developmental Bilingual Education (DBE)	Mean	55.2096	57.1497	57.4017
		N	292	292	291
		Std. Deviation	17.1556	14.4078	13.5468
	Non-TWB LEP Comparison Group Attending Transitional BE	Mean	49.5746	55.9194	52.5742
		N	63	62	62
		Std. Deviation	20.5586	20.1931	18.4486
	Native-English Speakers Attending Two-way Bilingual Immersion	Mean	74.0133	70.2800	67.9000
		N	15	15	15
		Std. Deviation	12.1752	11.0660	13.4977
	LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	61.0536	58.5543	60.9671
		N	140	140	140
		Std. Deviation	16.3725	13.4340	15.2368
	Total	Mean	54.8283	55.8722	56.1514
		N	1026	1025	1023
		Std. Deviation	16.7306	14.5086	14.0925
Total	Non-DBE LEP Comparison Group Attending Transitional BE	Mean	57.9540	54.7734	58.3955
		N	5301	5297	5294
		Std. Deviation	16.3566	17.3137	16.3777
	LEP Group Attending Developmental Bilingual Education (DBE)	Mean	59.8507	55.5736	58.8411
		N	5642	5630	5636
		Std. Deviation	16.4226	17.9956	16.1040
	Non-TWB LEP Comparison Group Attending Transitional BE	Mean	57.3916	54.3678	55.0069
		N	939	935	934
		Std. Deviation	16.6469	18.6557	17.1540
	Native-English Speakers Attending Two-way Bilingual Immersion	Mean	65.6048	62.6310	62.4381
		N	42	42	42
		Std. Deviation	19.4224	18.9480	20.0559
	LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	60.8850	58.1102	61.5288
		N	1574	1573	1574
		Std. Deviation	16.3896	17.9356	16.6980
	Total	Mean	59.0733	55.4935	58.7255
		N	13498	13477	13480
		Std. Deviation	16.4604	17.8064	16.4270

Table C-5
 2000 Reading, Math, and Language Mean NCE Scores on the Aprenda 2 in Spanish
 for Students Initially Classified as LEP Compared by Program Type and by Number of Years
 Attending Program: DBE, TWBI and Comparison Groups in TBE: Quasi-Longitudinal Analyses

Number of Student Years in Program-- from Sept.95 to June 2000	Program Type		2000	2000	2000
			Aprenda Scores Total Reading	Aprenda Scores Total Math	Aprenda Scores Total Language
1 year	Non-DBE LEP Comparison Group Attending Transitional BE	Mean	54.5337	49.6100	52.7668
		N	412	412	410
		Std. Deviation	17.8427	18.2276	16.5943
	LEP Group Attending Developmental Bilingual Education (DBE)	Mean	56.7732	49.8996	53.6812
		N	463	461	462
		Std. Deviation	17.5663	18.8247	16.6494
	Non-TWB LEP Comparison Group Attending Transitional BE	Mean	56.8038	53.3276	52.4276
		N	106	105	105
		Std. Deviation	19.3015	21.3998	19.0457
	LEP Group Attending Two-way Bilingua Immersion (TWBI)	Mean	63.2724	55.5449	61.1286
		N	98	98	98
		Std. Deviation	16.9486	18.4440	17.9991
	Tota	Mean	56.5114	50.6374	53.8889
		N	1079	1076	1075
		Std. Deviation	17.9290	18.8998	17.1385
2 years	Non-DBE LEP Comparison Group Attending Transitional BE	Mean	58.4812	52.2648	57.7191
		N	648	645	645
		Std. Deviation	16.7926	18.6658	16.1024
	LEP Group Attending Developmental Bilingual Education (DBE)	Mean	58.6121	50.6824	56.2436
		N	638	636	637
		Std. Deviation	16.9390	19.0177	15.5217
	Non-TWB LEP Comparison Group Attending Transitional BE	Mean	58.4009	52.2645	54.7927
		N	110	110	110
		Std. Deviation	16.0440	19.2275	17.5109
	LEP Group Attending Two-way Bilingua Immersion (TWBI)	Mean	60.1249	52.0432	57.1402
		N	169	169	169
		Std. Deviation	16.8294	19.6104	16.0678
	Tota	Mean	58.7064	51.5956	56.8498
		N	1565	1560	1564
		Std. Deviation	16.7967	18.9501	15.9772

Table C-5 (continued)

Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000	2000	2000
			Aprenda Scores Total Reading	Aprenda Scores Total Math	Aprenda Scores Total Language
3 years	Non-DBE LEP Comparison Group Attending Transitional BE	Mear	61.5549	53.3833	59.8332
		N	1287	1287	1286
		Std. Deviation	16.0830	18.0384	15.7549
	LEP Group Attending Developmental Bilingual Education (DBE)	Mear	62.6231	52.1583	58.0870
		N	1336	1334	1336
		Std. Deviation	15.5854	17.3291	14.7600
	Non-TWB LEP Comparison Group Attending Transitional BE	Mear	59.4729	50.7839	53.8181
		N	207	205	204
		Std. Deviation	15.2539	16.3140	15.0127
	LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mear	62.9915	55.1380	60.1939
		N	363	363	363
		Std. Deviation	17.3881	19.9843	17.0034
	Tota	Mear	62.0302	52.9035	58.7579
		N	3193	3189	3189
		Std. Deviation	15.9961	17.8992	15.5213
4 years	Non-DBE LEP Comparison Group Attending Transitional BE	Mear	61.1288	58.2778	62.0419
		N	1125	1125	1125
		Std. Deviation	15.6082	16.6619	17.0109
	LEP Group Attending Developmental Bilingual Education (DBE)	Mear	62.9435	57.8410	62.0513
		N	1199	1199	1197
		Std. Deviation	15.8492	17.2537	17.5460
	Non-TWB LEP Comparison Group Attending Transitional BE	Mear	59.9113	55.5206	58.8966
		N	204	204	204
		Std. Deviation	15.8674	18.7416	17.9324
	LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mear	61.6494	61.2672	63.6609
		N	601	600	601
		Std. Deviation	15.2114	16.0643	16.0607
	Tota	Mear	61.8448	58.5040	62.1515
		N	3129	3128	3127
		Std. Deviation	15.6642	16.9796	17.1279

Table C-5 (continued)

Number of Student Years in Program—from Sept.95 to June 2000	Program Type			2000	2000	2000
				Aprenda Scores Total Reading	Aprenda Scores Total Math	Aprenda Scores Total Language
5 years	Non-DBE		Mear	54.1682	56.3062	57.1841
	LEP Comparison Group		N	1686	1685	1684
	Attending Transitional BE		Std. Deviation	15.0924	15.4748	15.6089
	LEP Group Attending Developmental Bilingual Education (DBE)		Mear	57.7189	60.6089	60.3106
			N	1832	1826	1830
			Std. Deviation	15.7604	16.4220	15.1880
	Non-TWB		Mear	54.9626	59.1643	55.7201
	LEP Comparison Group		N	270	269	269
	Attending Transitional BE		Std. Deviation	15.9110	16.5681	15.6429
	LEP Group Attending Two-way Bilingual Immersion (TWBI)		Mear	58.3926	60.9907	62.0917
			N	204	204	204
			Std. Deviation	15.0508	15.5498	15.2093
	Tota		Mear	56.0673	58.7111	58.7715
			N	3992	3984	3987
			Std. Deviation	15.5514	16.1241	15.5015
Total	Non-DBE LEP		Mear	58.1005	54.9656	58.6216
	LEP Comparison Group		N	5158	5154	5153
	Attending Transitional BE		Std. Deviation	16.2433	17.2300	16.2936
	LEP Group Attending Developmental Bilingual Education (DBE)		Mear	60.0869	55.8725	59.1131
			N	5468	5456	5462
			Std. Deviation	16.2322	17.8566	15.9839
	Non-TWB		Mear	57.7681	54.8719	55.5096
	LEP Comparison Group		N	897	893	892
	Attending Transitional BE		Std. Deviation	16.3023	18.2335	16.8091
	LEP Group Attending Two-way Bilingual Immersion (TWBI)		Mear	61.4572	58.1982	61.6199
			N	1435	1434	1435
			Std. Deviation	16.1307	17.9861	16.4466
	Tota		Mear	59.2874	55.6999	58.9470
			N	12958	12937	12942
			Std. Deviation	16.2749	17.6761	16.2663

Table C-6
 2000 Reading, Math, and Language Mean NCE Scores on the Aprenda 2 in Spanish
 for Students Initially Classified as LEP Compared by Grade, Program Type, and Number of
 Years Attending Program: DBE, TWBI and Comparison Groups in TBE: Quasi-Longitudinal
 Analyses

Grade	Number of Student Years in Program--from Sept.95 to June 2000	Program Type		2000 Aprenda Scores Total Reading	2000 Aprenda Scores Total Math	2000 Aprenda Scores Total Language
1	1 year	Non-DBE LEP Comparison Group Attending Transitional BE	Mean	54.4696	45.1435	52.5781
			N	138	138	137
			Std. Deviation	18.9480	19.4382	14.3363
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	55.7710	44.8162	53.7863
			N	169	167	168
			Std. Deviation	19.3661	20.1860	14.9413
		Non-TWB LEP Comparison Group Attending Transitional BE	Mean	54.1590	44.0684	48.5684
		N	39	38	38	
		Std. Deviation	19.7131	18.2865	16.5702	
	LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	59.5200	46.5100	57.7675	
		N	40	40	40	
		Std. Deviation	19.8985	18.4416	17.6326	
		Tota	Mean	55.5313	45.0368	53.2522
			N	386	383	383
		Std. Deviation	19.2912	19.4945	15.2876	
2 years	2 years	Non-DBE LEP Comparison Group Attending Transitional BE	Mean	57.1335	47.6154	55.7072
			N	361	358	361
			Std. Deviation	17.1925	18.7363	14.5916
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	57.3924	45.4700	54.3147
			N	395	393	394
			Std. Deviation	17.5807	18.6926	14.4215
		Non-TWB LEP Comparison Group Attending Transitional BE	Mean	55.1210	45.1048	49.5919
		N	62	62	62	
		Std. Deviation	16.3498	16.6010	16.4958	
	LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	59.1144	47.8008	55.2085	
		N	118	118	118	
		Std. Deviation	17.0261	18.4567	14.4634	
		Tota	Mean	57.3592	46.5661	54.6520
			N	936	931	935
		Std. Deviation	17.2773	18.5536	14.6891	

Table C-6 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Aprende Scores Tota Reading	2000 Aprende Scores Tota Matr	2000 Aprende Scores Tota Language
1	3 years (PK- Grade 1)	Non-DBE	Mean	61.5250	50.9282	58.0591
		LEP Comparison Group	N	805	805	804
		Attending Transitional BE	Std. Deviation	15.9576	18.0393	14.4191
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	62.5469	49.9146	56.5763
			N	872	870	872
			Std. Deviation	15.4231	17.3154	13.5173
	Non-TWB	LEP Comparison Group	Mean	59.6951	49.9007	52.4042
		Attending Transitional BE	N	144	144	143
			Std. Deviation	15.4074	15.5693	13.2526
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	62.8100	51.9192	58.3530
			N	219	219	219
			Std. Deviation	17.4399	20.3639	15.6335
Tota		Mean	61.9706	50.5294	57.0594	
		N	2040	2038	2038	
		Std. Deviation	15.8698	17.8383	14.1662	
2	1 year	Non-DBE	Mean	58.9815	53.0864	57.2309
		LEP Comparison Group	N	81	81	81
		Attending Transitional BE	Std. Deviation	18.1902	17.2730	20.4760
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	59.1723	50.8584	55.7149
			N	101	101	101
			Std. Deviation	19.1674	19.6436	20.4003
	Non-TWB	LEP Comparison Group	Mean	57.8037	56.8444	53.3111
		Attending Transitional BE	N	27	27	27
			Std. Deviation	20.5122	23.0635	23.3015
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	67.9947	61.9632	67.1158
			N	19	19	19
			Std. Deviation	12.9181	18.6684	20.0752
Tota		Mean	59.6776	53.2842	56.9189	
		N	228	228	228	
		Std. Deviation	18.6112	19.3427	20.8847	

Table C-6 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Aprende Scores Tota Reading	2000 Aprende Scores Tota Matr	2000 Aprende Scores Tota Language
2	2 years	Non-DBE LEP Comparison Group Attending Transitional BE	Mean	62.7500	58.3455	62.3573
			N	110	110	110
			Std. Deviation	16.6304	16.3784	19.4079
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	64.5021	57.7104	61.7563
			N	96	96	96
			Std. Deviation	16.1103	17.5157	18.5958
		Non-TWB LEP Comparison Group Attending Transitional BE	Mean	64.0400	57.9760	61.2760
			N	25	25	25
			Std. Deviation	15.1751	19.0811	15.7588
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	66.7840	64.3440	65.2520
			N	25	25	25
			Std. Deviation	19.3340	21.1831	20.7674
		Tota	Mean	63.9270	58.6570	62.3090
			N	256	256	256
			Std. Deviation	16.5315	17.5800	18.8380
3 years	3 years	Non-DBE LEP Comparison Group Attending Transitional BE	Mean	62.5782	57.1742	64.2112
			N	330	330	330
			Std. Deviation	16.9545	18.2205	18.4535
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	63.9950	54.8647	61.2697
			N	317	317	317
			Std. Deviation	15.6666	16.4323	16.7989
		Non-TWB LEP Comparison Group Attending Transitional BE	Mean	56.9109	48.7364	55.6795
			N	46	44	44
			Std. Deviation	16.3531	18.3514	19.9767
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	65.8545	60.4523	65.7114
			N	88	88	88
			Std. Deviation	17.9516	19.9529	19.7630
		Tota	Mean	63.1886	56.1281	62.7018
			N	781	779	779
			Std. Deviation	16.6013	17.8750	18.1652

Table C-6 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Aprende Scores Tota Reading	2000 Aprende Scores Tota Matr	2000 Aprende Scores Tota Language
2	4 years (PK-Grade 2)	Non-DBE LEP Comparison Group Attending Transitional BE	Mean	62.7875	59.4907	63.7067
			N	674	674	674
			Std. Deviation	16.2293	17.0771	17.8892
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	64.5774	57.4960	63.4563
			N	748	748	748
			Std. Deviation	16.0315	17.2979	18.1997
		Non-TWB LEP Comparison Group Attending Transitional BE	Mean	59.9993	54.9381	59.5731
			N	134	134	134
			Std. Deviation	16.0353	19.4370	19.2848
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	64.6979	62.0968	66.2442
			N	190	190	190
			Std. Deviation	16.2642	17.8858	19.6356
Tota	Mean	63.5482	58.5703	63.5584		
	N	1746	1746	1744		
	Std. Deviation	16.1753	17.5270	18.3670		
3	1 year	Non-DBE LEP Comparison Group Attending Transitional BE	Mean	56.5972	52.5292	51.7958
			N	72	72	71
			Std. Deviation	13.0152	15.3901	14.1206
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	57.6077	54.5033	51.3231
			N	91	91	91
			Std. Deviation	14.2746	15.5770	17.0466
		Non-TWB LEP Comparison Group Attending Transitional BE	Mean	57.6313	52.4750	52.5187
			N	16	16	16
			Std. Deviation	20.5720	21.3161	22.6726
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	63.2313	56.7688	61.5688
			N	16	16	16
			Std. Deviation	12.2494	11.9344	19.1364
Tota	Mean	57.6979	53.7938	52.4397		
	N	198	198	194		
	Std. Deviation	14.2768	15.7194	16.8490		

Table C-6 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Aprende Scores Tota Reading	2000 Aprende Scores Tota Matr	2000 Aprende Scores Tota Language
3	2 years	Non-DBE	Mean	58.2803	56.2066	59.0230
		LEP Comparison Group	N	61	61	61
		Attending Transitional BE	Std. Deviation	13.8116	16.6960	17.2824
		LEP Group Attending	Mean	57.9000	57.8662	56.2882
		Developmental Bilingual	N	68	68	68
		Education (DBE)	Std. Deviation	14.0478	16.4570	17.5600
		Non-TWB	Mean	55.5778	56.0889	57.2222
		LEP Comparison Group	N	9	9	9
	Attending Transitional BE	Std. Deviation	19.2360	12.7371	24.2389	
	LEP Group Attending	Mean	59.5545	60.4000	56.1273	
	Two-way Bilingua	N	11	11	11	
	Immersion (TWBI)	Std. Deviation	12.8039	19.2757	21.5389	
	Tota	Mean	58.0376	57.2664	57.4523	
		N	149	149	149	
		Std. Deviation	14.0827	16.4600	18.0432	
	3 years	Non-DBE	Mean	62.1610	58.8220	61.7683
LEP Comparison Group		N	82	82	82	
Attending Transitional BE		Std. Deviation	13.6876	16.0487	14.2692	
LEP Group Attending		Mean	63.0455	60.8511	60.9966	
Developmental Bilingual		N	88	88	88	
Education (DBE)		Std. Deviation	15.1906	16.4377	16.6014	
Non-TWB		Mean	66.6250	60.9250	58.7375	
LEP Comparison Group		N	8	8	8	
Attending Transitional BE	Std. Deviation	8.0139	11.3962	13.2426		
LEP Group Attending	Mean	59.3207	58.5207	59.1966		
Two-way Bilingua	N	29	29	29		
Immersion (TWBI)	Std. Deviation	13.9838	15.9664	15.9323		
Tota	Mean	62.3116	59.7237	60.9628		
	N	207	207	207		
	Std. Deviation	14.2163	15.9867	15.4210		

Table C-6 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Aprende Scores Tota Reading	2000 Aprende Scores Tota Matr	2000 Aprende Scores Tota Language
3	4 years	Non-DBE	Mean	59.1313	57.2804	60.3722
		LEP Comparison Group	N	281	281	281
		Attending Transitional BE	Std. Deviation	14.1748	16.1816	16.6287
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	61.5497	60.4738	61.0303
			N	294	294	294
			Std. Deviation	15.4604	16.3625	17.1285
		Non-TWB	Mean	60.2550	59.9900	57.3075
		LEP Comparison Group Attending Transitional BE	N	40	40	40
		Std. Deviation	14.6997	14.6693	16.8229	
	LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	61.2776	60.3239	64.2652	
		N	201	201	201	
		Std. Deviation	13.7332	15.2794	14.4190	
	Tota	Mean	60.5864	59.3135	61.4180	
		N	816	816	816	
		Std. Deviation	14.5867	15.9995	16.3798	
	5 years (PK-Grade 3)		Non-DBE	Mean	57.0656	57.3239
LEP Comparison Group			N	724	723	723
Attending Transitional BE			Std. Deviation	14.8220	15.9930	17.0214
LEP Group Attending Developmental Bilingual Education (DBE)			Mean	60.1929	60.2865	60.0968
			N	777	775	777
			Std. Deviation	14.8928	15.6869	15.7620
Non-TWB			Mean	57.6864	56.8760	54.7184
LEP Comparison Group Attending Transitional BE			N	125	125	125
		Std. Deviation	12.3788	12.9768	14.0957	
LEP Group Attending Two-way Bilingual Immersion (TWBI)		Mean	58.0393	59.1107	60.8571	
		N	84	84	84	
		Std. Deviation	14.1777	15.9294	16.9811	
Tota		Mean	58.5798	58.7241	59.2343	
		N	1710	1707	1709	
		Std. Deviation	14.7227	15.7059	16.3031	

Table C-6 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Aprende Scores Tota Reading	2000 Aprende Scores Tota Matr	2000 Aprende Scores Tota Language
3	Tota	Non-DBE	Mean	57.9170	57.0756	59.0245
		LEP Comparison Group	N	1220	1216	1218
		Attending Transitional BE	Std. Deviation	14.5000	16.0621	16.7103
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	60.3892	59.8411	59.5628
			N	1318	1316	1318
			Std. Deviation	14.9907	15.9758	16.4754
		Non-TWB	Mean	58.4662	57.2773	55.3399
		LEP Comparison Group	N	198	198	198
		Attending Transitional BE	Std. Deviation	13.8902	14.0880	15.8943
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	60.3496	59.7073	62.6056
			N	341	341	341
			Std. Deviation	13.7799	15.4380	15.7537
	Tota	Mean	59.2809	58.5644	59.4151	
		N	3077	3074	3075	
		Std. Deviation	14.6395	15.8869	16.5152	
4	1 year	Non-DBE	Mean	49.5324	50.8294	51.7338
		LEP Comparison Group	N	68	68	68
		Attending Transitional BE	Std. Deviation	18.3691	18.5461	18.0926
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	54.7563	53.5438	53.6172
			N	64	64	64
			Std. Deviation	15.8425	17.2878	16.1457
		Non-TWB	Mean	59.0250	69.0188	59.8313
		LEP Comparison Group	N	16	16	16
		Attending Transitional BE	Std. Deviation	17.2241	18.1564	14.7597
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	67.0600	66.6600	62.1400
			N	15	15	15
			Std. Deviation	16.3867	10.7699	13.8974
	Tota	Mean	54.1282	55.1374	54.2258	
		N	163	163	163	
		Std. Deviation	17.7400	18.4159	16.8901	

Table C-6 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Aprende Scores Tota Reading	2000 Aprende Scores Tota Matr	2000 Aprende Scores Tota Language	
4	2 years	Non-DBE LEP Comparison Group	Mean	58.5793	61.2914	60.5362	
		Attending Transitional BE	N	58	58	58	
			Std. Deviation	16.4136	18.7819	16.6777	
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	56.5474	62.8667	58.6632	
			N	57	57	57	
			Std. Deviation	15.8564	15.3476	13.7415	
		Non-TWB LEP Comparison Group	Mean	66.0500	72.0083	66.0583	
	Attending Transitional BE		N	12	12	12	
			Std. Deviation	9.2981	17.6416	12.6898	
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	58.6667	59.3833	59.6333	
			N	6	6	6	
			Std. Deviation	9.7334	19.3055	12.6088	
		Tota	Mean	58.3865	62.8474	60.1910	
			N	133	133	133	
			Std. Deviation	15.5117	17.3652	14.9621	
		3 years	Non-DBE LEP Comparison Group	Mean	53.7147	58.7824	58.5559
			Attending Transitional BE	N	34	34	34
				Std. Deviation	17.2333	16.4516	14.7638
	LEP Group Attending Developmental Bilingual Education (DBE)		Mean	52.4868	54.6184	56.2658	
			N	38	38	38	
			Std. Deviation	14.6338	16.2134	14.3489	
	Non-TWB LEP Comparison Group	Mean	66.7167	69.6500	69.4000		
		Attending Transitional BE	N	6	6	6	
		Std. Deviation	4.7927	12.3814	6.7264		
	LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	61.2467	64.0733	63.6533		
		N	15	15	15		
		Std. Deviation	18.9319	18.6800	16.3021		
	Tota	Mean	55.2667	58.6355	59.1419		
		N	93	93	93		
		Std. Deviation	16.3373	16.8417	14.7518		

Table C-6 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Aprende Scores Tota Reading	2000 Aprende Scores Tota Matr	2000 Aprende Scores Tota Language
4	4 years	Non-DBE LEP Comparison Group Attending Transitional BE	Mean	56.6147	58.3368	59.6676
			N	68	68	68
			Std. Deviation	13.8046	15.0972	13.5866
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	58.1456	63.0176	62.4088
			N	68	68	68
			Std. Deviation	15.8706	17.3812	13.1838
		Non-TWB LEP Comparison Group Attending Transitional BE	Mean	62.9429	60.4000	63.8429
			N	7	7	7
			Std. Deviation	14.0457	10.7415	11.6053
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	56.3432	63.0664	60.5629
			N	132	131	132
	Std. Deviation	14.7983	15.6469	12.9208		
Tota	Mean	57.0240	61.8124	60.8815		
	N	275	274	275		
	Std. Deviation	14.7878	15.9178	13.1006		
5	5 years	Non-DBE LEP Comparison Group Attending Transitional BE	Mean	51.9006	57.4693	57.4058
			N	514	514	514
			Std. Deviation	15.1002	15.8160	14.9855
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	56.7701	62.9858	61.9904
			N	758	758	758
			Std. Deviation	15.7875	17.0837	14.3377
		Non-TWB LEP Comparison Group Attending Transitional BE	Mean	57.2275	65.6100	60.3712
			N	80	80	80
			Std. Deviation	16.8816	17.9358	14.7909
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	58.7636	68.2636	63.3530
			N	66	66	66
	Std. Deviation	16.0054	15.8053	13.5066		
Tota	Mean	55.1236	61.3765	60.3006		
	N	1418	1418	1418		
	Std. Deviation	15.7933	16.9114	14.7203		

Table C-6 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Aprende Scores Tota Reading	2000 Aprende Scores Tota Matr	2000 Aprende Scores Tota Language
4	Tota	Non-DBE	Mean	52.7208	57.2992	57.3907
		LEP Comparison Group	N	742	742	742
		Attending Transitional BE	Std. Deviation	15.6547	16.4129	15.3984
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	56.5560	62.0420	61.0618
			N	985	982	985
			Std. Deviation	15.7603	17.1797	14.5181
		Non-TWB	Mean	59.1413	66.5942	61.5124
		LEP Comparison Group	N	121	121	121
		Attending Transitional BE	Std. Deviation	15.9492	17.3418	14.1906
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	58.0868	64.7399	61.6252
	N	234	232	234		
	Std. Deviation	15.5556	15.7920	13.3270		
	Tota	Mean	55.5115	60.9160	59.8430	
		N	2082	2078	2082	
		Std. Deviation	15.8518	17.0156	14.7973	
5	1 year	Non-DBE	Mean	51.1077	50.2481	48.6019
		LEP Comparison Group	N	52	52	52
		Attending Transitional BE	Std. Deviation	17.7123	17.9963	15.4554
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	56.8639	53.8389	54.7167
			N	36	36	36
			Std. Deviation	14.0411	14.5873	11.2956
		Non-TWB	Mean	60.2250	55.7625	52.7875
		LEP Comparison Group	N	8	8	8
		Attending Transitional BE	Std. Deviation	17.4416	17.2118	11.9829
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	63.8000	62.1875	60.9375
	N	8	8	8		
	Std. Deviation	17.7416	22.1116	19.6272		
	Tota	Mean	54.7779	52.8337	51.9894	
		N	104	104	104	
		Std. Deviation	16.7735	17.2401	14.5682	

Table C-6 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Aprende Scores Tota Reading	2000 Aprende Scores Tota Matr	2000 Aprende Scores Tota Language
5	2 years	Non-DBE	Mean	60.2796	58.1633	59.2143
		LEP Comparison Group	N	49	49	49
		Attending Transitional BE	Std. Deviation	16.8512	16.2036	13.4690
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	61.7800	58.8900	59.4050
			N	20	20	20
			Std. Deviation	15.2471	11.7676	10.5490
		Non-TWB	Mean	56.4000	67.1500	56.4500
		LEP Comparison Group Attending Transitional BE	N	2	2	2
		Std. Deviation	8.3439	27.9307	9.1217	
	LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	56.5444	58.3889	59.5111	
		N	9	9	9	
		Std. Deviation	12.3494	11.4176	10.7741	
	Tota	Mean	60.1375	58.5950	59.2263	
		N	80	80	80	
		Std. Deviation	15.7255	14.7616	12.2479	
	3 years	Non-DBE	Mean	58.9371	56.5514	56.4029
LEP Comparison Group Attending Transitional BE		N	35	35	35	
		Std. Deviation	12.8616	11.1177	13.8003	
LEP Group Attending Developmental Bilingual Education (DBE)		Mean	61.6476	63.3810	63.8762	
		N	21	21	21	
		Std. Deviation	18.6946	15.7557	14.3937	
Non-TWB		Mean	54.5333	58.4333	49.6333	
LEP Comparison Group Attending Transitional BE		N	3	3	3	
	Std. Deviation	11.8593	4.6058	5.3594		
LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	56.3583	55.5667	51.4167		
	N	12	12	12		
	Std. Deviation	16.2997	10.5551	13.5415		
Tota	Mean	59.1169	58.4845	57.4845		
	N	71	71	71		
	Std. Deviation	15.1694	12.6331	14.2523		

Table C-6 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Aprende Scores Tota Reading	2000 Aprende Scores Tota Matr	2000 Aprende Scores Tota Language
5	4 years	Non-DBE	Mean	57.1515	55.5152	57.6606
		LEP Comparison Group	N	33	33	33
		Attending Transitional BE	Std. Deviation	16.0367	13.1140	12.0331
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	56.1562	54.3000	54.6875
			N	16	16	16
			Std. Deviation	15.2444	15.3460	16.0706
		Non-TWB	Mean	81.8333	60.7000	68.1000
	LEP Comparison Group	N	3	3	3	
	Attending Transitional BE	Std. Deviation	14.9373	20.5874	12.8172	
	LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	64.8400	62.5636	63.5855	
		N	55	55	55	
		Std. Deviation	15.8042	11.9310	13.3070	
	Tota	Mean	61.6467	59.1019	60.5542	
		N	107	107	107	
	Std. Deviation	16.4208	13.3990	13.7021		
5 years	5 years	Non-DBE	Mean	51.2572	54.0662	54.1429
		LEP Comparison Group	N	334	334	333
		Attending Transitional BE	Std. Deviation	14.3706	12.5256	11.8587
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	53.0984	57.7032	57.2173
			N	186	186	185
			Std. Deviation	17.3731	13.5707	13.7186
		Non-TWB	Mean	46.0600	58.8000	54.1179
	LEP Comparison Group	N	40	39	39	
	Attending Transitional BE	Std. Deviation	19.8751	19.1839	19.1126	
	LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	57.7959	55.5102	61.5449	
		N	49	49	49	
		Std. Deviation	16.0243	10.5538	14.7094	
	Tota	Mean	52.0043	55.5988	55.6784	
		N	609	608	606	
	Std. Deviation	16.0080	13.3175	13.3972		

Table C-6 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Aprende Scores Tota Reading	2000 Aprende Scores Tota Matr	2000 Aprende Scores Tota Language
5	Tota	Non-DBE	Mean	53.0417	54.3386	54.4528
		LEP Comparison Group	N	503	503	502
		Attending Transitional BE	Std. Deviation	15.3221	13.6036	12.8000
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	55.0254	57.5219	57.4083
			N	279	279	278
			Std. Deviation	16.9952	13.9456	13.5117
		Non-TWB	Mean	50.8232	58.7455	54.5273
		LEP Comparison Group	N	56	55	55
		Attending Transitional BE	Std. Deviation	20.4208	18.2336	17.2230
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	60.8556	59.0286	61.3008
			N	133	133	133
			Std. Deviation	16.0421	12.3844	14.3237
	Tota	Mean	54.5541	56.1471	56.2467	
		N	971	970	968	
		Std. Deviation	16.4451	13.9589	13.6928	
Tota	1 year	Non-DBE	Mean	54.5337	49.6100	52.7668
		LEP Comparison Group	N	412	412	410
		Attending Transitional BE	Std. Deviation	17.8427	18.2276	16.5943
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	56.7732	49.8996	53.6812
			N	463	461	462
			Std. Deviation	17.5663	18.8247	16.6494
		Non-TWB	Mean	56.8038	53.3276	52.4276
		LEP Comparison Group	N	106	105	105
		Attending Transitional BE	Std. Deviation	19.3015	21.3998	19.0457
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	63.2724	55.5449	61.1286
			N	98	98	98
			Std. Deviation	16.9486	18.4440	17.9991
	Tota	Mean	56.5114	50.6374	53.8889	
		N	1079	1076	1075	
		Std. Deviation	17.9290	18.8998	17.1385	

Table C-6 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Aprenda Scores Total Reading	2000 Aprenda Scores Total Math	2000 Aprenda Scores Total Language
Total	2 years	Non-DBE	Mean	58.4812	52.2648	57.7191
		LEP Comparison Group	N	648	648	648
		Attending Transitional BE	Std. Deviation	16.7926	18.6658	16.1024
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	58.6121	50.6824	56.2436
			N	638	638	637
			Std. Deviation	16.9390	19.0177	15.5217
		Non-TWB	Mean	58.4009	52.2645	54.7927
		LEP Comparison Group	N	110	110	110
		Attending Transitional BE	Std. Deviation	16.0440	19.2275	17.5109
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	60.1249	52.0432	57.1402
			N	169	169	169
			Std. Deviation	16.8294	19.6104	16.0678
		Tota	Mean	58.7064	51.5956	56.8498
			N	1568	1560	1564
			Std. Deviation	16.7967	18.9501	15.9772
	3 years	Non-DBE	Mean	61.5549	53.3833	59.8332
		LEP Comparison Group	N	1287	1287	1288
		Attending Transitional BE	Std. Deviation	16.0830	18.0384	15.7549
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	62.6231	52.1583	58.0870
			N	1338	1334	1338
			Std. Deviation	15.5854	17.3291	14.7600
		Non-TWB	Mean	59.4729	50.7839	53.8181
		LEP Comparison Group	N	207	208	204
		Attending Transitional BE	Std. Deviation	15.2539	16.3140	15.0127
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	62.9915	55.1380	60.1939
			N	368	368	368
			Std. Deviation	17.3881	19.9843	17.0034
		Tota	Mean	62.0302	52.9035	58.7579
			N	3198	3188	3188
			Std. Deviation	15.9961	17.8992	15.5213

Table C-6 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Aprende Scores Tota Reading	2000 Aprende Scores Tota Matr	2000 Aprende Scores Tota Language
Total	4 years	Non-DBE	Mean	61.1288	58.2778	62.0419
		LEP Comparison Group	N	1125	1125	1125
		Attending Transitional BE	Std. Deviation	15.6082	16.6619	17.0109
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	62.9435	57.8410	62.0513
			N	1199	1199	1197
			Std. Deviation	15.8492	17.2537	17.5460
		Non-TWB	Mean	59.9113	55.5206	58.8966
		LEP Comparison Group	N	204	204	204
		Attending Transitional BE	Std. Deviation	15.8674	18.7416	17.9324
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	61.6494	61.2672	63.6609
			N	601	600	601
			Std. Deviation	15.2114	16.0643	16.0607
		Tota	Mean	61.8448	58.5040	62.1515
			N	3129	3128	3127
			Std. Deviation	15.6642	16.9796	17.1279
	5 years	Non-DBE	Mean	54.1682	56.3062	57.1841
		LEP Comparison Group	N	1686	1685	1684
		Attending Transitional BE	Std. Deviation	15.0924	15.4748	15.6089
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	57.7189	60.6089	60.3106
			N	1832	1826	1830
			Std. Deviation	15.7604	16.4220	15.1880
		Non-TWB	Mean	54.9626	59.1643	55.7201
		LEP Comparison Group	N	270	269	269
		Attending Transitional BE	Std. Deviation	15.9110	16.5681	15.6429
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	58.3926	60.9907	62.0917
			N	204	204	204
			Std. Deviation	15.0508	15.5498	15.2093
		Tota	Mean	56.0673	58.7111	58.7715
			N	3992	3984	3987
			Std. Deviation	15.5514	16.1241	15.5015

Table C-6 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Aprendã Scores Tota Reading	2000 Aprendã Scores Tota Matr	2000 Aprendã Scores Tota Language
	Tota	Non-DBE	Mean	58.1005	54.9656	58.6216
		LEP Comparison Group	N	5158	5154	5153
		Attending Transitional BE	Std. Deviation	16.2433	17.2300	16.2936
		LEP Group Attending	Mean	60.0869	55.8725	59.1131
		Developmental Bilingual	N	5468	5456	5462
		Education (DBE)	Std. Deviation	16.2322	17.8566	15.9839
		Non-TWB	Mean	57.7681	54.8719	55.5096
		LEP Comparison Group	N	897	893	892
		Attending Transitional BE	Std. Deviation	16.3023	18.2335	16.8091
		LEP Group Attending	Mean	61.4572	58.1982	61.6199
		Two-way Bilingua	N	1435	1434	1435
		Immersion (TWBI)	Std. Deviation	16.1307	17.9861	16.4466
		Tota	Mean	59.2874	55.6999	58.9470
			N	12958	12937	12942
			Std. Deviation	16.2749	17.6761	16.2663

Table C-7
 2000 Reading, Math, and Language Mean NCE Scores on the Stanford 9 in English
 for Students Initially Classified as LEP Compared by Grade and by Program Type:
 Developmental Bilingual Education (DBE), Two-way Bilingual Immersion (TWBI), and
 Transitional Bilingual Education (TBE) Comparison Groups for the DBE and TWBI Schools,
 and Native-English Speakers in TWBI: Cross-sectional Analyses

Grade	Program Type		2000 Stanford 9 Scores Total Reading	2000 Stanford 9 Scores Total Math	2000 Stanford 9 Scores Total Language
1	Non-DBE LEP Comparison Group Attending Transitional BE	Mean	51.4572	46.5436	54.7038
		N	1299	1295	1294
		Std. Deviation	18.6156	19.9261	16.0971
	LEP Group Attending Developmental Bilingual Education (DBE)	Mean	50.1201	45.0407	53.5558
		N	1345	1333	1338
		Std. Deviation	18.7996	19.6906	17.0087
	Non-TWBI LEP Comparison Group Attending Transitional BE	Mean	51.9335	45.7631	55.4532
		N	421	420	417
		Std. Deviation	18.5149	18.5175	16.1683
	LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	59.7694	55.8562	62.0098
		N	457	450	451
		Std. Deviation	21.5026	22.5302	19.5824
Total	Mean	52.0821	47.0752	55.2956	
	N	3522	3498	3500	
	Std. Deviation	19.3058	20.3144	17.1404	
2	Non-DBE LEP Comparison Group Attending Transitional BE	Mean	47.2957	46.0630	45.1164
		N	1191	1188	1182
		Std. Deviation	15.8951	19.1398	18.0844
	LEP Group Attending Developmental Bilingual Education (DBE)	Mean	47.9107	47.5964	48.5620
		N	1295	1292	1291
		Std. Deviation	15.9014	20.1912	19.3006
	Non-TWBI LEP Comparison Group Attending Transitional BE	Mean	44.6787	41.9761	44.9048
		N	394	393	394
		Std. Deviation	17.1522	19.6490	19.7116
	Native-English Speakers Attending Two-way Bilingual Immersion	Mean	57.5184	53.6842	58.7211
		N	38	38	38
		Std. Deviation	12.9498	13.6060	14.7539
LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	54.8858	58.2150	55.4286	
	N	386	386	385	
	Std. Deviation	18.1620	22.0271	21.2001	
Total	Mean	48.2290	47.6873	47.8070	
	N	3304	3297	3290	

Table C-7 (continued)

		Std. Deviation	16.5362	20.3598	19.4139
Grade	Program Type		2000 Stanford 9 Scores Total Reading	2000 Stanford 9 Scores Total Math	2000 Stanford 9 Scores Total Language
3	Non-DBE	Mean	46.8474	53.0816	47.6715
	LEP Comparison Group	N	1321	1317	1316
	Attending Transitional BE	Std. Deviation	17.6882	19.6833	19.0116
	LEP Group Attending	Mean	46.9206	51.6522	48.0914
	Developmental Bilingual	N	1358	1355	1353
	Education (DBE)	Std. Deviation	18.6043	20.5008	19.5262
	Non-TWBI	Mean	48.8865	53.7643	48.1484
	LEP Comparison Group	N	444	442	444
	Attending Transitional BE	Std. Deviation	18.7805	21.9420	19.2980
	Native-English Speakers	Mean	65.8800	69.5967	69.1100
	Attending Two-way	N	30	30	30
	Bilingual Immersion	Std. Deviation	14.1449	16.5149	15.2319
LEP Group Attending	Mean	54.0088	60.5657	55.3062	
Two-way Bilingual	N	420	417	419	
Immersion (TWBI)	Std. Deviation	19.8735	20.0701	19.2941	
	Total	Mean	48.1302	53.6380	48.9691
		N	3573	3561	3562
		Std. Deviation	18.6212	20.5277	19.4753
4	Non-DBE	Mean	44.7178	54.0053	55.4040
	LEP Comparison Group	N	1429	1424	1426
	Attending Transitional BE	Std. Deviation	17.9294	18.9547	20.6005
	LEP Group Attending	Mean	43.9464	52.0675	55.4516
	Developmental Bilingual	N	1385	1378	1381
	Education (DBE)	Std. Deviation	18.8751	18.9877	20.4285
	Non-TWBI	Mean	44.3711	52.4333	52.2992
	LEP Comparison Group	N	512	511	511
	Attending Transitional BE	Std. Deviation	20.1267	20.2073	20.4759
	LEP Group Attending	Mean	52.6397	60.7963	59.5440
	Two-way Bilingual	N	438	438	436
	Immersion (TWBI)	Std. Deviation	20.8163	19.5602	22.1084
	Total	Mean	45.3076	53.8724	55.4807
		N	3765	3752	3755
		Std. Deviation	19.1168	19.3863	20.7703

Table C-7 (continued)

Grade	Program Type		2000 Stanford 9 Scores Total Reading	2000 Stanford 9 Scores Total Math	2000 Stanford 9 Scores Total Language
5	Non-DBE	Mean	41.4439	50.0821	48.4162
	LEP Comparison Group	N	1692	1691	1689
	Attending Transitional BE	Std. Deviation	18.3043	18.9326	18.6513
	LEP Group Attending	Mean	41.3561	50.8365	47.9061
	Developmental Bilingual	N	1930	1928	1929
	Education (DBE)	Std. Deviation	19.8144	19.0149	19.1780
	Non-TWBI	Mean	38.9000	47.3245	45.7448
	LEP Comparison Group	N	387	387	386
	Attending Transitional BE	Std. Deviation	19.3490	19.7297	18.1527
	LEP Group Attending	Mean	51.2908	58.8591	54.5109
	Two-way Bilingual	N	457	457	457
	Immersion (TWBI)	Std. Deviation	23.8238	21.1976	21.0283
	Total	Mean	42.1931	51.0676	48.5888
		N	4466	4463	4461
		Std. Deviation	19.9190	19.4764	19.2046
Total	Non-DBE	Mean	45.7090	50.0163	50.0674
	LEP Comparison Group	N	7156	7139	7131
	Attending Transitional BE	Std. Deviation	18.1344	19.4830	18.9899
	LEP Group Attending	Mean	45.5812	49.6043	50.4621
	Developmental Bilingual	N	7391	7363	7369
	Education (DBE)	Std. Deviation	18.8421	19.7612	19.3905
	Non-TWBI	Mean	45.8505	48.5782	49.5245
	LEP Comparison Group	N	2158	2153	2152
	Attending Transitional BE	Std. Deviation	19.3471	20.5228	19.2909
	Native-English Speakers	Mean	60.9188	60.6116	63.2464
	Attending Two-way	N	69	69	69
	Bilingual Immersion	Std. Deviation	14.1264	16.7351	15.6279
	LEP Group Attending	Mean	54.5321	58.8406	57.4266
	Two-way Bilingual	N	2158	2148	2148
	Immersion (TWBI)	Std. Deviation	21.2122	21.1616	20.8544
Total	Mean	46.7364	50.7346	51.0456	
	N	18932	18872	18869	
	Std. Deviation	19.1360	20.1240	19.5404	

Table C-8
 2000 Reading, Math, and Language Mean NCE Scores on the Stanford 9 in English
 for Students Initially Classified as LEP Compared by Grade, Program Type, and Number of Years
 Attending Program: DBE, TWBI, and Comparison Groups in TBE: Quasi-Longitudinal Analyses

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Stanford 9 Scores Total Reading	2000 Stanford 9 Scores Total Math	2000 Stanford 9 Scores Total Language
1	1 year	Non-DBE LEP Comparison Group	Mean	48.9080	48.6440	51.4480
			N	25	25	25
		Attending Transitional BE	Std. Deviation	16.4539	21.6696	17.0343
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	44.5400	38.4733	46.5000
			N	15	15	15
			Std. Deviation	20.0403	18.8028	10.6268
		Non-TWBI LEP Comparison Group	Mean	46.3333	44.9556	50.7778
			N	9	9	9
		Attending Transitional BE	Std. Deviation	19.6683	18.4636	16.4598
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	51.2818	46.1545	48.2818
			N	11	11	11
			Std. Deviation	18.6798	15.7245	15.7009
			Mean	47.8650	45.0917	49.5300
			N	60	60	60
	Std. Deviation	17.9674	19.4868	15.0921		
2	2 years	Non-DBE LEP Comparison Group	Mean	52.5523	43.2462	50.8031
			N	65	65	64
		Attending Transitional BE	Std. Deviation	19.1053	17.9982	14.3077
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	46.1207	40.0982	49.0526
			N	58	57	57
			Std. Deviation	19.9973	20.8721	16.5202
		Non-TWBI LEP Comparison Group	Mean	51.0750	41.7813	57.6250
			N	16	16	16
		Attending Transitional BE	Std. Deviation	21.8184	21.9412	21.0696
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	61.0944	61.5000	62.3278
			N	18	17	18
			Std. Deviation	20.4138	18.4967	17.1946
			Mean	51.0051	43.9394	52.2019
			N	157	155	155
	Std. Deviation	20.2154	20.3879	16.6850		

Table C-8 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Stanford 9 Scores Total Reading	2000 Stanford 9 Scores Total Math	2000 Stanford 9 Scores Total Language
1	3 years (PK-Grade 1)	Non-DBE	Mean	50.2236	45.6371	53.1429
		LEP Comparison Group	N	140	140	140
		Attending Transitional BE	Std. Deviation	18.0818	18.8734	14.9013
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	48.4136	47.1709	53.5029
			N	103	103	103
			Std. Deviation	16.0639	21.0956	15.3772
		Non-TWBI	Mean	49.5216	42.0588	53.5333
		LEP Comparison Group	N	51	51	51
		Attending Transitional BE	Std. Deviation	17.7219	17.8536	16.4509
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	54.9815	52.6962	58.4654
	N	27	26	26		
	Std. Deviation	19.8859	21.0292	19.5382		
	Total	Mean	49.9315	46.1341	53.7534	
		N	321	320	320	
		Std. Deviation	17.5623	19.7166	15.7067	
2	1 year	Non-DBE	Mean	40.8348	44.0391	37.0391
		LEP Comparison Group	N	23	23	23
		Attending Transitional BE	Std. Deviation	14.9374	14.4303	15.7244
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	39.1278	38.7556	42.1000
			N	18	18	18
			Std. Deviation	14.3632	19.7639	14.7775
		Non-TWBI	Mean	33.6750	31.2125	32.6500
		LEP Comparison Group	N	8	8	8
		Attending Transitional BE	Std. Deviation	16.4478	11.9281	7.5631
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	52.2143	75.1429	60.2857
	N	7	7	7		
	Std. Deviation	10.7797	10.4291	8.0510		
	Total	Mean	40.6857	44.3964	40.9446	
		N	56	56	56	
		Std. Deviation	14.9997	19.7501	15.6583	

Table C-8 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Stanford 9 Scores Total Reading	2000 Stanford 9 Scores Total Math	2000 Stanford 9 Scores Total Language		
2	2 years	Non-DBE LEP Comparison Group Attending Transitional BE	Mean N Std. Deviation	56.8583 24 17.3804	61.1458 24 20.6688	61.8958 24 21.2877		
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean N Std. Deviation	51.4833 18 10.0656	57.2833 18 17.0826	45.8500 18 17.6388		
		Non-TWBI LEP Comparison Group Attending Transitional BE	Mean N Std. Deviation	39.5375 8 12.3873	38.5250 8 12.1433	35.5875 8 9.9062		
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean N Std. Deviation	51.4000 8 14.2002	55.2750 8 18.8883	56.0125 8 19.8732		
		Total	Mean N Std. Deviation	52.0483 58 15.0859	56.0172 58 19.3891	52.4759 58 20.7175		
		3 years	3 years	Non-DBE LEP Comparison Group Attending Transitional BE	Mean N Std. Deviation	51.3642 53 13.4578	51.3642 53 16.9867	48.9962 53 16.3723
				LEP Group Attending Developmental Bilingual Education (DBE)	Mean N Std. Deviation	46.3771 48 14.6925	44.0854 48 19.0202	43.4125 48 16.0313
				Non-TWBI LEP Comparison Group Attending Transitional BE	Mean N Std. Deviation	51.1000 9 19.0640	45.7111 9 20.8951	50.5222 9 21.3492
				LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean N Std. Deviation	62.2333 15 19.9741	66.7267 15 25.4350	59.3400 15 20.1149
				Total	Mean N Std. Deviation	50.7344 125 15.8047	50.0056 125 20.2201	48.2032 125 17.5914

Table C-8 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Stanford 9 Scores Total Reading	2000 Stanford 9 Scores Total Math	2000 Stanford 9 Scores Total Language
2	4 years (PK-Grade 2)	Non-DBE	Mean	45.3752	44.2115	42.9107
		LEP Comparison Group	N	113	113	112
		Attending Transitional BE	Std. Deviation	15.7780	20.3329	17.1711
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	45.5352	46.3133	47.1610
			N	105	105	105
			Std. Deviation	13.6216	18.4761	17.0524
		Non-TWBI	Mean	41.3625	44.3562	43.9187
		LEP Comparison Group	N	16	16	16
		Attending Transitional BE	Std. Deviation	15.7255	19.0486	22.2583
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	55.0143	62.1321	54.7929
	N	28	28	28		
	Std. Deviation	16.3621	19.0048	17.5544		
	Total	Mean	46.2244	46.9779	45.9571	
		N	262	262	261	
		Std. Deviation	15.2614	20.0050	17.7769	
3	1 year	Non-DBE	Mean	39.4560	52.1440	42.0080
		LEP Comparison Group	N	25	25	25
		Attending Transitional BE	Std. Deviation	21.0231	19.7813	24.1565
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	36.6826	43.8435	40.1565
			N	23	23	23
			Std. Deviation	19.3363	21.8010	19.9116
		Non-TWBI	Mean	42.4500	59.5375	39.1250
		LEP Comparison Group	N	8	8	8
		Attending Transitional BE	Std. Deviation	12.8119	16.1919	9.0122
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	38.3167	53.7667	47.0167
	N	6	6	6		
	Std. Deviation	20.1875	35.9989	22.5204		
	Total	Mean	38.7032	50.1758	41.4339	
		N	62	62	62	
		Std. Deviation	19.0946	22.1618	20.6878	

Table C-8 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Stanford 9 Scores Total Reading	2000 Stanford 9 Scores Total Math	2000 Stanford 9 Scores Total Language	
3	2 years	Non-DBE LEP Comparison Group Attending Transitional BE	Mean N Std. Deviation	50.3381 21 20.7947	60.6095 21 18.1821	53.0810 21 20.2603	
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean N Std. Deviation	56.6000 12 14.4916	59.9583 12 18.4843	55.6083 12 15.3769	
		Non-TWBI LEP Comparison Group Attending Transitional BE	Mean N Std. Deviation	55.9000 2 9.8995	71.3000 2 8.0610	35.9000 2 10.8894	
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean N Std. Deviation	61.5000 8 14.5943	83.5375 8 13.1915	63.6375 8 16.0738	
		Total	Mean N Std. Deviation	54.4209 43 17.8350	65.1907 43 19.0175	54.9512 43 18.3523	
		3 years	Non-DBE LEP Comparison Group Attending Transitional BE	Mean N Std. Deviation	54.2971 34 17.2523	64.0941 34 20.5111	55.1618 34 20.9694
			LEP Group Attending Developmental Bilingual Education (DBE)	Mean N Std. Deviation	49.5350 20 18.5133	60.0050 20 22.4562	52.7250 20 17.2388
	Non-TWBI LEP Comparison Group Attending Transitional BE		Mean N Std. Deviation	54.0429 14 12.5901	63.6429 14 24.2043	57.2143 14 14.0266	
	LEP Group Attending Two-way Bilingual Immersion (TWBI)		Mean N Std. Deviation	55.8467 15 15.4030	67.6733 15 18.7225	62.1067 15 20.2495	
	Total		Mean N Std. Deviation	53.3867 83 16.4310	63.6795 83 21.0989	56.1759 83 18.8935	

Table C-8 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Stanford 9 Scores Total Reading	2000 Stanford 9 Scores Total Math	2000 Stanford 9 Scores Total Language	
3	4 years	Non-DBE LEP Comparison Group Attending Transitional BE	Mean N Std. Deviation	49.1785 79 17.4033	59.7443 79 21.1829	52.3177 79 19.4758	
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean N Std. Deviation	52.0974 76 17.5756	58.1092 76 20.6811	54.4526 76 19.0280	
		Non-TWBI LEP Comparison Group Attending Transitional BE	Mean N Std. Deviation	53.1625 16 22.1542	68.0812 16 24.8852	57.7063 16 22.0197	
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean N Std. Deviation	47.1375 24 14.6571	59.1167 24 19.5341	49.6333 24 14.1777	
		Total	Mean N Std. Deviation	50.3918 195 17.5584	59.7138 195 21.1119	53.2615 195 18.9203	
		5 years (PK-Grade 3)	Non-DBE LEP Comparison Group Attending Transitional BE	Mean N Std. Deviation	43.8358 179 17.1470	53.0157 178 20.3673	47.7804 179 18.6189
			LEP Group Attending Developmental Bilingual Education (DBE)	Mean N Std. Deviation	41.3230 139 15.2515	48.1261 138 17.8596	42.1304 138 16.5862
	Non-TWBI LEP Comparison Group Attending Transitional BE		Mean N Std. Deviation	51.6000 44 19.0507	58.7864 44 25.1420	49.1386 44 17.3884	
	LEP Group Attending Two-way Bilingual Immersion (TWBI)		Mean N Std. Deviation	49.1889 9 14.9530	54.8778 9 17.3485	48.0444 9 24.7986	
	Total		Mean N Std. Deviation	43.9450 371 16.8950	51.9206 369 20.2608	45.8411 370 18.0643	

Table C-8 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Stanford 9 Scores Total Reading	2000 Stanford 9 Scores Total Math	2000 Stanford 9 Scores Total Language
3	Total	Non-DBE	Mean	46.2169	56.1193	49.4858
		LEP Comparison Group	N	338	337	338
		Attending Transitional BE	Std. Deviation	18.1049	20.7051	19.7864
		LEP Group Attending	Mean	45.2478	51.9914	46.8320
		Developmental Bilingual Education (DBE)	N	270	269	269
			Std. Deviation	17.4193	20.0793	18.5200
		Non-TWBI	Mean	51.5357	61.7357	50.8476
		LEP Comparison Group	N	84	84	84
		Attending Transitional BE	Std. Deviation	18.0711	23.8686	17.8731
		LEP Group Attending	Mean	50.5419	63.2048	53.9742
Two-way Bilingual Immersion (TWBI)	N	62	62	62		
	Std. Deviation	16.2733	21.7873	19.1740		
	Total	Mean	46.8180	55.8543	49.0592	
		N	754	752	753	
		Std. Deviation	17.8106	21.2345	19.1564	
4	1 year	Non-DBE	Mean	27.0348	45.4696	40.1000
		LEP Comparison Group	N	23	23	23
		Attending Transitional BE	Std. Deviation	18.6412	22.0427	23.7555
		LEP Group Attending	Mean	29.5455	50.3900	50.2200
		Developmental Bilingual Education (DBE)	N	11	10	10
			Std. Deviation	19.4675	19.2344	15.7715
		Non-TWBI	Mean	39.9200	62.7600	51.5800
		LEP Comparison Group	N	5	5	5
		Attending Transitional BE	Std. Deviation	12.1265	17.2254	13.1298
		LEP Group Attending	Mean	60.6500	82.2750	76.3000
Two-way Bilingual Immersion (TWBI)	N	4	4	3		
	Std. Deviation	15.8855	11.9299	19.7654		
	Total	Mean	32.3023	52.2048	46.6171	
		N	43	42	41	
		Std. Deviation	20.1224	22.5686	22.3594	

Table C-8 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Stanford 9 Scores Total Reading	2000 Stanford 9 Scores Total Math	2000 Stanford 9 Scores Total Language
4	2 years	Non-DBE	Mean	36.3952	55.1619	51.2048
		LEP Comparison Group	N	21	21	21
		Attending Transitional BE	Std. Deviation	19.6912	24.3276	21.3004
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	41.1333	62.2083	54.7167
			N	12	12	12
			Std. Deviation	15.6828	18.4597	18.1123
		Non-TWBI	Mean	39.7667	56.0667	55.6167
		LEP Comparison Group	N	6	6	6
		Attending Transitional BE	Std. Deviation	15.7846	17.5739	20.3976
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	41.6750	60.7250	48.9750
			N	4	4	4
			Std. Deviation	12.6597	19.1820	28.8677
		Total	Mean	38.6791	57.7721	52.5930
			N	43	43	43
			Std. Deviation	17.1906	21.0807	20.3919
3 years	3 years	Non-DBE	Mean	48.6156	60.5200	61.4111
		LEP Comparison Group	N	45	45	45
		Attending Transitional BE	Std. Deviation	16.5122	19.1000	23.6168
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean	45.2216	56.9784	62.0459
			N	37	37	37
			Std. Deviation	19.6383	16.1480	20.8145
		Non-TWBI	Mean	54.3938	64.0938	64.8438
		LEP Comparison Group	N	16	16	16
		Attending Transitional BE	Std. Deviation	15.7013	22.2272	17.9594
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean	49.2946	60.3351	56.5541
			N	37	37	37
			Std. Deviation	11.6522	14.7538	20.1175
		Total	Mean	48.5563	59.9222	60.6607
			N	135	135	135
			Std. Deviation	16.2635	17.5575	21.2564

Table C-8 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Stanford 9 Scores Total Reading	2000 Stanford 9 Scores Total Math	2000 Stanford 9 Scores Total Language		
4	4 years	Non-DBE LEP Comparison Group Attending Transitional BE	Mean N Std. Deviation	51.5473 169 13.9999	61.0485 169 16.7485	64.9456 169 17.2014		
		LEP Group Attending Developmental Bilingual Education (DBE)	Mean N Std. Deviation	45.2789 109 15.8284	56.6074 108 14.0760	59.2862 109 16.5971		
		Non-TWBI LEP Comparison Group Attending Transitional BE	Mean N Std. Deviation	48.8075 40 14.7237	62.7225 40 13.2507	55.4325 40 17.2546		
		LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean N Std. Deviation	42.0111 18 18.2427	50.8667 18 20.6034	49.6278 18 17.9983		
		Total	Mean N Std. Deviation	48.6768 336 15.2148	59.2696 335 15.9939	61.1565 336 17.5421		
		5 years	5 years	Non-DBE LEP Comparison Group Attending Transitional BE	Mean N Std. Deviation	42.0873 331 14.5806	55.9948 330 17.4261	54.6314 331 18.1952
				LEP Group Attending Developmental Bilingual Education (DBE)	Mean N Std. Deviation	37.9353 204 16.5755	48.4828 204 19.0018	51.2907 204 18.9090
				Non-TWBI LEP Comparison Group Attending Transitional BE	Mean N Std. Deviation	35.9805 82 15.4214	49.9524 82 17.4130	44.6841 82 14.9600
				LEP Group Attending Two-way Bilingual Immersion (TWBI)	Mean N Std. Deviation	51.5455 11 21.0034	56.8273 11 19.4188	59.8909 11 23.2522
				Total	Mean N Std. Deviation	40.1068 628 15.7077	52.7751 627 18.2960	52.3395 628 18.4211

Table C-8 (continued)

Grade	Number of Student Years in Program—from Sept.95 to June 2000	Program Type		2000 Stanford 9 Scores Total Reading	2000 Stanford 9 Scores Total Math	2000 Stanford 9 Scores Total Language
4	Total	Non-DBE	Mean	44.5097	57.3522	57.4192
		LEP Comparison Group	N	589	588	589
		Attending Transitional BE	Std. Deviation	15.9697	18.1010	19.5860
		LEP Group Attending	Mean	40.6595	52.1906	54.7849
		Developmental Bilingual	N	373	371	372
		Education (DBE)	Std. Deviation	17.1319	17.8552	18.7648
		Non-TWBI	Mean	41.6859	55.5752	50.4060
		LEP Comparison Group	N	149	149	149
		Attending Transitional BE	Std. Deviation	16.5565	17.9350	17.3492
		LEP Group Attending	Mean	48.0595	58.7176	55.7452
Two-way Bilingual	N	74	74	73		
Immersion (TWBI)	Std. Deviation	15.6330	18.0699	20.7841		
	Total	Mean	43.1644	55.5936	55.6042	
		N	1189	1182	1189	
		Std. Deviation	16.5182	18.1388	19.2514	

Table C-9
 1999-2000 Reading, Math, and Language Mean NCE Scores on the Stanford 9 in English
 for LEP Students Attending Schools with TBE or DBE Services but Placed in the English
 Mainstream Classes Because Parents Refused Bilingual/ESL Services:
 Cross-sectional Analyses

Grade		1999-2000 Stanford 9 Scores Total Reading	1999-2000 Stanford 9 Scores Total Math	1999-2000 Stanford 9 Scores Total Language
1	Mean	48.1922	44.2844	52.3173
	N	359	358	358
	Std. Deviation	17.3534	18.9817	16.0695
2	Mean	45.8349	47.4636	46.2824
	N	335	335	335
	Std. Deviation	15.7681	19.4577	18.0266
3	Mean	45.1583	53.0533	47.0656
	N	420	418	418
	Std. Deviation	17.7797	19.6529	18.8693
4	Mean	42.8323	52.7265	53.9726
	N	325	325	325
	Std. Deviation	17.8282	18.6377	20.1757
5	Mean	35.8764	47.6834	42.3748
	N	301	301	301
	Std. Deviation	19.2699	20.8123	19.0975
6	Mean	25.0833	36.4750	30.3208
	N	24	24	24
	Std. Deviation	15.4452	18.1328	16.5965
Total	Mean	43.6188	49.0032	48.2290
	N	1764	1761	1761
	Std. Deviation	18.1350	19.8090	18.9705

Table C-10

1999-2000 Reading, Math, and Language Mean NCE Scores on the Stanford 9 in English for LEP students Attending Schools with TBE or DBE Services but Placed in the English Mainstream Classes Because Parents Refused Bilingual/ESL Services, by Type of School: Cross-sectional Analyses

Type of School	Grade		1999-2000 Stanford 9 Scores Total Reading	1999-2000 Stanford 9 Scores Total Math	1999-2000 Stanford 9 Scores Total Language
Schools with TBE and Mainstream Classes Located in Same Neighborhood of DBE Schools	1	Mean	48.7048	43.7139	52.9494
		N	166	166	166
		Std. Deviation	17.7951	17.8719	14.8742
	2	Mean	49.7793	50.4000	48.5496
		N	135	135	135
		Std. Deviation	17.8574	20.8121	19.9437
	3	Mean	45.0419	54.3926	47.6696
		N	191	190	191
		Std. Deviation	18.2937	20.3216	20.0710
	4	Mean	46.1314	54.7286	56.4895
		N	105	105	105
		Std. Deviation	19.5480	20.2919	22.9077
	5	Mean	30.2889	41.6374	36.4061
		N	99	99	99
		Std. Deviation	17.1028	17.4240	16.6735
	6	Mean	25.6118	36.2529	29.7765
		N	17	17	17
		Std. Deviation	15.6330	18.2601	16.9248
Total	Mean	44.4404	48.9888	48.3738	
	N	713	712	713	
	Std. Deviation	19.2548	20.1509	19.9471	

Table C-10 (continued)
Type of School

Type of School	Grade		1999-2000 Stanford 9 Scores Total Reading	1999-2000 Stanford 9 Scores Total Math	1999-2000 Stanford 9 Scores Total Language
Schools with DBE and Mainstream Classes	1	Mean	46.5021	43.5201	50.0264
		N	144	144	144
		Std. Deviation	15.6429	20.0821	16.3824
	2	Mean	43.8399	46.5625	45.6679
		N	168	168	168
		Std. Deviation	13.2641	18.5033	16.5218
	3	Mean	44.2759	51.4700	46.5968
		N	191	190	189
		Std. Deviation	16.9894	18.2814	17.6395
	4	Mean	40.2000	50.7261	52.8168
		N	184	184	184
		Std. Deviation	16.3403	17.5646	18.8053
	5	Mean	39.0703	50.5924	46.0174
		N	172	172	172
		Std. Deviation	20.0912	21.8998	19.9036
	6	Mean	23.8000	37.0143	31.6429
		N	7	7	7
		Std. Deviation	16.1254	19.2552	17.0037
Total	Mean	42.4961	48.7437	48.0759	
	N	866	865	864	
	Std. Deviation	16.9090	19.4580	18.1836	
Schools with TBE and Mainstream Classes Located in Same Neighborhood of TWBI Schools	1	Mean	51.7625	48.5500	57.0042
		N	48	48	48
		Std. Deviation	20.2790	19.1550	18.1176
	2	Mean	40.2452	40.6677	40.8097
		N	31	31	31
		Std. Deviation	14.8498	15.6231	15.1272
	3	Mean	50.1789	54.2737	46.3605
		N	38	38	38
		Std. Deviation	18.6843	22.6429	18.9632
	4	Mean	46.6639	57.1111	52.5389
		N	36	36	36
		Std. Deviation	18.0734	18.0598	18.2136
	5	Mean	36.0033	50.9567	41.1867
		N	30	30	30
		Std. Deviation	17.4806	20.9965	17.1965
	Total	Mean	45.8962	50.4820	48.5792
		N	183	183	183
		Std. Deviation	18.9636	20.0327	18.6721

Table C-11

1999-2000 Reading, Math, and Language Mean NCE Scores on the Aprenda 2 in Spanish
for Native-English Speakers Attending Two-way Bilingual Immersion Program:
Cross-sectional Analyses

Native-English Speakers in Two-way Bilingual Immersion	Grade		1999-2000	1999-2000	1999-2000
			Aprenda 2 Scores Total Reading	Aprenda 2 Scores Total Math	Aprenda 2 Scores Total Language
	2	Mean	58.5667	50.8833	55.1833
		N	6	6	6
		Std. Deviation	32.7709	33.1351	33.2525
	3	Mean	62.8273	59.6000	61.2273
		N	11	11	11
		Std. Deviation	18.6158	19.4133	21.9598
4	Mean	60.2700	61.5400	59.9300	
	N	10	10	10	
	Std. Deviation	17.7285	14.6389	17.4733	
5	Mean	74.0133	70.2800	67.9000	
	N	15	15	15	
	Std. Deviation	12.1752	11.0660	13.4977	
Tota	Mean	65.6048	62.6310	62.4381	
	N	42	42	42	
	Std. Deviation	19.4224	18.9480	20.0559	

Table C-12

1999-2000 Reading, Math, and Language Mean NCE Scores on the Stanford 9 in English
for Native-English Speakers Attending Two-way Bilingual Immersion Program:
Cross-sectional Analyses

Native-English Speakers in Two-way Bilingual Immersion	Grade		1999-2000	1999-2000	1999-2000
			Stanford 9 Scores Total Reading	Stanford 9 Scores Total Math	Stanford 9 Scores Total Language
	2	Mean	57.5184	53.6842	58.7211
		N	38	38	38
		Std. Deviation	12.9498	13.6060	14.7539
	3	Mean	65.8800	69.5967	69.1100
		N	30	30	30
		Std. Deviation	14.1449	16.5149	15.2319
(Test scores not yet available for Grades 4-5) Tota	Mean	60.9188	60.6116	63.2464	
	N	68	68	68	