

Appendix A

Table A1: Prospective Cohort Mobility: mean characteristics of students entering, continuing and exiting, 3rd graders, 1995-1996

	New Entrants to District	Entered Grade from Non- standard Grade	Continued: Next Grade	Number of Registered Students	Continued: Other Than Next Grade	Exited Before Next Year
N. Obs.	--	--	64,902	73,642	3,819	4,921
White	--	--	0.18	0.17	0.06	0.19
Black	--	--	0.35	0.35	0.44	0.34
Hispanic	--	--	0.37	0.38	0.47	0.38
Asian	--	--	0.10	0.10	0.03	0.09
Age	--	--	9.44	9.44	9.48	9.45
Female	--	--	0.51	0.50	0.40	0.49
Foreign Born	--	--	0.15	0.15	0.12	0.19
Free Lunch Elig.	--	--	0.74	0.70	0.90	0.00
Red. Price Lunch	--	--	0.07	0.06	0.04	0.00
LEP	--	--	0.12	0.14	0.31	0.16

Table A2: Prospective Cohort Mobility: mean characteristics of students entering, continuing and exiting, 4th graders, 1996-1997

	New Entrants to District	Entered Grade from Non-standard Grade	Continued: Next Grade	Number of Registered Students	Continued: Other Than Next Grade	Exited
N. Obs.	5,219	1,657	64,448	71,778	2,281	5,049
White	0.15	0.07	0.18	0.17	0.06	0.17
Black	0.34	0.40	0.35	0.35	0.44	0.31
Hispanic	0.36	0.49	0.36	0.37	0.45	0.42
Asian	0.15	0.04	0.10	0.10	0.04	0.09
Age	9.53	10.29	10.46	10.46	10.54	10.46
Female	0.49	0.42	0.51	0.51	0.40	0.50
Foreign Born	0.47	0.17	0.17	0.17	0.18	0.23
Free Lunch Elig.	0.78	0.88	0.74	0.75	0.90	0.75
Red. Price Lunch	0.07	0.04	0.07	0.07	0.03	0.06
LEP	0.37	0.34	0.12	0.12	0.29	0.17

Table A3: Prospective Cohort Mobility: mean characteristics of students entering, continuing and exiting, 5th graders, 1997-1998

	New Entrants to District	Entered Grade from Non-standard Grade	Continued: Next Grade	Number of Registered Students	Continued: Other Than Next Grade	Exited
N. Obs.	4,133	1,611	61,459	70,192	2,901	5,832
White	0.15	0.06	0.18	0.17	0.07	0.21
Black	0.35	0.46	0.35	0.35	0.41	0.33
Hispanic	0.33	0.45	0.36	0.36	0.47	0.37
Asian	0.17	0.03	0.11	0.11	0.04	0.09
Age	10.72	11.31	11.47	11.49	11.84	11.52
Female	0.49	0.44	0.51	0.51	0.44	0.50
Foreign Born	0.48	0.16	0.18	0.18	0.17	0.21
Free Lunch Elig.	0.74	0.84	0.75	0.75	0.87	0.69
Red. Price Lunch	0.07	0.04	0.07	0.07	0.04	0.08
LEP	0.34	0.23	0.09	0.10	0.24	0.11

Table A4: Prospective Cohort Mobility: mean characteristics of students entering, continuing and exiting, 6th graders, 1998-1999

	New Entrants to District	Entered Grade from Non-standard Grade	Continued: Next Grade	Number of Registered Students	Continued: Other Than Next Grade	Exited
N. Obs.	4,172	3,121	59,960	68,752	5,190	3,602
White	0.16	0.07	0.18	0.17	0.04	0.18
Black	0.32	0.47	0.34	0.35	0.51	0.33
Hispanic	0.35	0.41	0.36	0.36	0.42	0.37
Asian	0.16	0.04	0.12	0.11	0.03	0.12
Age	11.58	12.20	12.50	12.51	12.70	12.55
Female	0.47	0.41	0.51	0.50	0.45	0.48
Foreign Born	0.47	0.15	0.20	0.20	0.17	0.22
Free Lunch Elig.	0.68	0.86	0.72	0.73	0.88	0.67
Red. Price Lunch	0.07	0.04	0.08	0.08	0.03	0.09
LEP	0.34	0.17	0.09	0.10	0.20	0.11

Table A5: Prospective Cohort Mobility: mean characteristics of students entering, continuing and exiting, 7th graders, 1999-2000

	New Entrants to District	Entered Grade from Non-standard Grade	Continued: Next Grade	Number of Registered Students	Continued: Other Than Next Grade	Exited
N. Obs.	4,869	3,067	60,203	67,896	2,781	4,912
White	0.14	0.07	0.18	0.17	0.06	0.15
Black	0.30	0.45	0.34	0.35	0.45	0.35
Hispanic	0.39	0.44	0.36	0.36	0.45	0.39
Asian	0.16	0.03	0.12	0.12	0.04	0.11
Age	12.69	13.45	13.52	13.55	13.88	13.77
Female	0.48	0.39	0.51	0.50	0.41	0.47
Foreign Born	0.55	0.16	0.22	0.22	0.16	0.29
Free Lunch Elig.	0.70	0.85	0.70	0.71	0.83	0.72
Red. Price Lunch	0.06	0.03	0.08	0.08	0.04	0.07
LEP	0.34	0.17	0.09	0.10	0.15	0.10

Table A6: Prospective Cohort Mobility: mean characteristics of students entering, continuing and exiting, 8th graders, 2000-2001

	New Entrants to District	Entered Grade from Non-standard Grade	Continued: Next Grade	Number of Registered Students	Continued: Other Than Next Grade	Exited
N. Obs.	3,940	4,378	--	68,521	--	--
White	0.13	0.06	--	0.17	--	--
Black	0.31	0.45	--	0.35	--	--
Hispanic	0.35	0.44	--	0.36	--	--
Asian	0.20	0.04	--	0.12	--	--
Age	13.72	14.26	--	13.58	--	--
Female	0.45	0.44	--	0.50	--	--
Foreign Born	0.64	0.18	--	0.24	--	--
Free Lunch Elig.	0.66	0.81	--	0.71	--	--
Red. Price Lunch	0.07	0.04	--	0.08	--	--
LEP	0.42	0.15	--	0.12	--	--

Appendix B

Table B1 breaks the 3rd grade switchers down by zip code moves and better or worse performance in 4th grade. Among zip code movers, fewer overall move to better versus worse schools (1,429 v. 1,737), but among white and Asian students, more move to better schools. It would seem that when residential moves are made across zip codes, white and Asian students are slightly more likely to move to a better school. Across boroughs, we see the same overall pattern as for zip codes.

Table B2 again shows 6th grade switchers by school performance and by place of residence. Here we see that both across zip codes as well as across boroughs, all students and all races and ethnicities have a higher percentage of students moving to schools with lower performance in 7th grade.

Table B1: Place of Residence and Characteristics of Schools of 3rd Grade Switchers, 1995-96 to 1996-97

Race	Zip Code						Borough					
	Lower Peer Test Scores			Higher Peer Test Scores			Lower Peer Test Scores			Higher Peer Test Scores		
	Same Zip Code	Different Zip Code	Total	Same Zip Code	Different Zip Code	Total	Same Borough	Different Borough	Total	Same Borough	Different Borough	Total
White	157	152	309	278	167	445	265	44	309	393	52	445
	50.81	49.19	100	62.47	37.53	100	85.76	14.24	100	88.31	11.69	100
	7.39	8.75	8	17.63	11.69	14.8	8.27	6.7	8	15.59	10.72	14.8
Black	955	829	1,784	523	509	1,032	1,437	347	1,784	848	184	1,032
	53.53	46.47	100	50.68	49.32	100	80.55	19.45	100	82.17	17.83	100
	44.94	47.73	46.19	33.16	35.62	34.33	44.84	52.82	46.19	33.64	37.94	34.33
Hispanic	906	670	1,576	629	599	1,228	1,338	238	1,576	1,018	210	1,228
	57.49	42.51	100	51.22	48.78	100	84.9	15.1	100	82.9	17.1	100
	42.64	38.57	40.81	39.89	41.92	40.85	41.75	36.23	40.81	40.38	43.3	40.85
Asian	101	79	180	141	147	288	155	25	180	251	37	288
	56.11	43.89	100	48.96	51.04	100	86.11	13.89	100	87.15	12.85	100
	4.75	4.55	4.66	8.94	10.29	9.58	4.84	3.81	4.66	9.96	7.63	9.58
Other	6	7	13	6	7	13	10	3	13	11	2	13
	46.15	53.85	100	46.15	53.85	100	76.92	23.08	100	84.62	15.38	100
	0.28	0.4	0.34	0.38	0.49	0.43	0.31	0.46	0.34	0.44	0.41	0.43
Total	2,125	1,737	3,862	1,577	1,429	3,006	3,205	657	3,862	2,521	485	3,006
	55.02	44.98	100	52.46	47.54	100	82.99	17.01	100	83.87	16.13	100
	100	100	100	100	100	100	100	100	100	100	100	100

Notes: i) Each cell shows (from top to bottom) frequency, row percentage, and column percentage.

Table B2: Place of Residence and Characteristics of 6th Grade Switchers, 1998-99 to 1999-00

Race	Zip Code						Borough					
	Lower Peer Test Scores			Higher Peer Test Scores			Lower Peer Test Scores			Higher Peer Test Scores		
	Same Zip Code	Different Zip Code	Total	Same Zip Code	Different Zip Code	Total	Same Borough	Different Borough	Total	Same Borough	Different Borough	Total
White	1,241	175	1,416	608	136	744	608	136	744	713	31	744
	87.64	12.36	100	81.72	18.28	100	81.72	18.28	100	95.83	4.17	100
	11.29	9.52	11.03	12.22	11.82	12.14	12.22	11.82	12.14	12.26	10.06	12.14
Black	4,201	795	4,996	2,043	515	2,558	2,043	515	2,558	2,418	140	2,558
	84.09	15.91	100	79.87	20.13	100	79.87	20.13	100	94.53	5.47	100
	38.21	43.23	38.93	41.07	44.74	41.76	41.07	44.74	41.76	41.56	45.45	41.76
Hispanic	3,988	668	4,656	1,689	341	2,030	1,689	341	2,030	1,930	100	2,030
	85.65	14.35	100	83.2	16.8	100	83.2	16.8	100	95.07	4.93	100
	36.27	36.32	36.28	33.95	29.63	33.14	33.95	29.63	33.14	33.17	32.47	33.14
Asian	1,548	198	1,746	621	156	777	621	156	777	741	36	777
	88.66	11.34	100	79.92	20.08	100	79.92	20.08	100	95.37	4.63	100
	14.08	10.77	13.6	12.48	13.55	12.68	12.48	13.55	12.68	12.74	11.69	12.68
Other	17	3	20	14	3	17	14	3	17	16	1	17
	85	15	100	82.35	17.65	100	82.35	17.65	100	94.12	5.88	100
	0.15	0.16	0.16	0.28	0.26	0.28	0.28	0.26	0.28	0.28	0.32	0.28
Total	10,995	1,839	12,834	4,975	1,151	6,126	4,975	1,151	6,126	5,818	308	6,126
	85.67	14.33	100	81.21	18.79	100	81.21	18.79	100	94.97	5.03	100
	100	100	100	100	100	100	100	100	100	100	100	100

Notes: i) Each cell shows (from top to bottom) frequency, row percentage, and column percentage.

Appendix C

Table C1: Reading proficiency, 8th graders 2001-2002, continuously registered **EARLY** entrants.

	(1)	(2)	(3)	(4)
Black	-0.232*** (0.007)	-0.231*** (0.007)	-0.184*** (0.008)	-0.183*** (0.008)
Hispanic	-0.202*** (0.007)	-0.202*** (0.007)	-0.141*** (0.008)	-0.140*** (0.008)
Asian	0.029*** (0.008)	0.029*** (0.008)	0.039*** (0.009)	0.038*** (0.009)
Free Lunch	-0.165*** (0.005)	-0.165*** (0.005)	-0.111*** (0.006)	-0.111*** (0.006)
Reduced Price Lunch	-0.050*** (0.008)	-0.050*** (0.008)	-0.031*** (0.008)	-0.031*** (0.008)
Age	-0.078*** (0.003)	-0.079*** (0.003)	-0.072*** (0.003)	-0.072*** (0.003)
Female	0.080*** (0.004)	0.080*** (0.004)	0.075*** (0.004)	0.075*** (0.004)
Foreign Born	0.027*** (0.006)	0.027*** (0.006)	0.028*** (0.006)	0.029*** (0.006)
Took Lab	-0.321*** (0.028)	-0.321*** (0.028)	-0.265*** (0.028)	-0.265*** (0.028)
LEP	0.067*** (0.023)	0.067*** (0.023)	0.046** (0.023)	0.046** (0.023)
Lab Percentile	0.002*** (0.001)	0.002*** (0.001)	0.001** (0.000)	0.001** (0.000)
No English at Home	-0.011** (0.005)	-0.011* (0.005)	-0.014*** (0.005)	-0.014** (0.005)
Attendance	0.007*** (0.000)	0.007*** (0.000)	0.006*** (0.000)	0.006*** (0.000)
# schools attended	-0.024*** (0.003)		-0.015*** (0.003)	
2 schools attended		-0.036*** (0.011)		0.019 (0.018)
3 schools attended		-0.060*** (0.012)		-0.007 (0.018)
4 schools attended		-0.082*** (0.013)		-0.009 (0.019)
5 schools attended		-0.094*** (0.022)		-0.013 (0.026)
# moving years	-0.019*** (0.004)			0.032 (0.051)
1 moving year		-0.032*** (0.005)	-0.015*** (0.004)	
2 moving years		-0.019* (0.011)		-0.028*** (0.005)
3 moving years		-0.019 (0.026)		-0.012 (0.011)
4 moving years		0.121* (0.069)		-0.021 (0.025)
5 moving years		-0.145*** (0.025)		0.126* (0.067)
Constant	1.078*** (0.051)	1.070*** (0.052)		-0.114*** (0.040)
Observations	51340	51340	0.999***	0.955***
R-squared	0.18	0.18	(0.051)	(0.053)
School Fixed Effects	No	No	Yes	Yes

Notes: i) Robust standard errors in parentheses

ii) * significant at 10%; ** significant at 5%; *** significant at 1%

Table C2: Reading proficiency, 8th graders 2001-2002, continuously registered **LATE** entrants.

	(1)	(2)	(3)	(4)
Black	-0.242*** (0.016)	-0.241*** (0.016)	-0.204*** (0.019)	-0.204*** (0.019)
Hispanic	-0.222*** (0.017)	-0.222*** (0.017)	-0.167*** (0.019)	-0.167*** (0.019)
Asian	-0.083*** (0.018)	-0.082*** (0.018)	-0.066*** (0.020)	-0.065*** (0.020)
Free Lunch	-0.127*** (0.011)	-0.128*** (0.011)	-0.086*** (0.013)	-0.086*** (0.013)
Reduced Price Lunch	-0.063*** (0.018)	-0.064*** (0.018)	-0.047** (0.019)	-0.047** (0.019)
Age	-0.062*** (0.007)	-0.061*** (0.007)	-0.053*** (0.007)	-0.053*** (0.007)
Female	0.102*** (0.009)	0.102*** (0.009)	0.099*** (0.009)	0.099*** (0.009)
Foreign Born	-0.013 (0.010)	-0.013 (0.010)	0.021* (0.011)	0.021* (0.011)
Took Lab	-0.386*** (0.055)	-0.387*** (0.055)	-0.379*** (0.061)	-0.379*** (0.061)
LEP	0.068 (0.045)	0.068 (0.045)	0.083* (0.049)	0.083* (0.050)
Lab Percentile	0.003*** (0.001)	0.003*** (0.001)	0.003*** (0.001)	0.003*** (0.001)
No English at Home	0.053*** (0.013)	0.052*** (0.014)	0.019 (0.014)	0.018 (0.014)
Attendance	0.006*** (0.001)	0.006*** (0.001)	0.005*** (0.001)	0.005*** (0.001)
# schools attended	-0.008 (0.006)		-0.004 (0.007)	
2 schools attended		0.002 (0.011)		0.004 (0.011)
3 schools attended		-0.016 (0.016)		-0.012 (0.017)
4 schools attended		-0.062** (0.029)		-0.036 (0.029)
5 schools attended		-0.099* (0.059)		-0.069 (0.066)
# moving years	-0.012 (0.010)		-0.005 (0.010)	
1 moving year		-0.019 (0.013)		-0.010 (0.013)
2 moving years		0.022 (0.030)		0.026 (0.032)
3 moving years		-0.057 (0.074)		-0.053 (0.075)
4 moving years		-0.157*** (0.018)		-0.177*** (0.062)
Constant	0.847*** (0.113)	0.828*** (0.113)	0.739*** (0.115)	0.729*** (0.114)
Observations	8303	8303	8300	8300
R-squared	0.16	0.16	0.24	0.24
School Fixed Effects	No	No	Yes	Yes

Notes: i) Robust standard errors in parentheses

ii) * significant at 10%; ** significant at 5%; *** significant at 1%

iii) "Moving Years" are defined as the years in which a student switched intra-year at least once.

Table C3: Reading test scores, 5th graders 2001-2002, continuously registered students, value added

	(1)	(2)	(3)	(4)
3 rd Grade Test Score	0.681*** (0.006)	0.681*** (0.006)	0.664*** (0.006)	0.664*** (0.006)
Black	-0.236*** (0.010)	-0.236*** (0.010)	-0.142*** (0.014)	-0.142*** (0.014)
Hispanic	-0.157*** (0.010)	-0.157*** (0.010)	-0.077*** (0.013)	-0.077*** (0.013)
Asian	0.078*** (0.013)	0.078*** (0.013)	0.086*** (0.014)	0.086*** (0.014)
Free Lunch	-0.187*** (0.009)	-0.187*** (0.009)	-0.138*** (0.010)	-0.138*** (0.010)
Reduced Price Lunch	-0.103*** (0.013)	-0.103*** (0.013)	-0.077*** (0.013)	-0.077*** (0.013)
Age	-0.031*** (0.009)	-0.031*** (0.009)	-0.028*** (0.009)	-0.029*** (0.009)
Female	0.039*** (0.006)	0.039*** (0.006)	0.043*** (0.006)	0.043*** (0.006)
Foreign Born	0.078*** (0.010)	0.078*** (0.010)	0.081*** (0.011)	0.081*** (0.011)
Took Lab	-1.516*** (0.104)	-1.518*** (0.104)	-1.495*** (0.104)	-1.497*** (0.104)
LEP	0.397*** (0.069)	0.399*** (0.069)	0.405*** (0.069)	0.406*** (0.069)
Lab Percentile	0.022*** (0.002)	0.022*** (0.002)	0.022*** (0.002)	0.022*** (0.002)
No English at Home	0.059*** (0.008)	0.059*** (0.008)	0.046*** (0.009)	0.046*** (0.009)
Attendance	0.011*** (0.001)	0.011*** (0.001)	0.010*** (0.001)	0.010*** (0.001)
# schools attended	-0.020*** (0.005)		0.000 (0.006)	
2 schools attended		-0.027*** (0.008)		-0.004 (0.009)
3 schools attended		-0.029** (0.013)		0.010 (0.015)
4 schools attended		-0.079*** (0.027)		-0.014 (0.029)
5 schools attended		-0.075 (0.090)		-0.044 (0.089)
# moving years	-0.007 (0.008)		-0.018** (0.009)	
1 moving years		-0.000 (0.010)		-0.013 (0.011)
2 moving years		-0.022 (0.025)		-0.039 (0.026)
3 moving years		-0.046 (0.058)		-0.060 (0.057)
4 moving years		-0.213 (0.296)		-0.332 (0.274)
5 moving years		-1.561*** (0.017)		-1.756*** (0.057)
Constant	-0.762*** (0.113)	-0.780*** (0.113)	-0.806*** (0.114)	-0.803*** (0.113)
Observations	50636	50636	50633	50633
R-squared	0.51	0.51	0.53	0.53
School Fixed Effects	No	No	Yes	Yes

Notes: i) Robust standard errors in parentheses

ii) * significant at 10%; ** significant at 5%; *** significant at 1%

iii) "Moving Years" are defined as the years in which a student switched intra-year at least once.