

Appendix III: Full Diagnostic Resource Indicators

	Boston Arts Academy	Tech Boston Academy	Academy of the Pacific Rim HS	Perspectives Charter School	Met West	High Tech High	Noble St. Charter High School	University Park Campus	Life Academy
Demographics									
District	Boston	Boston	Boston	Chicago	Oakland	San Diego	Chicago	Worcester	Oakland
Grades	9-12	9-11	9-12	6-12	9-12	9-12	9-12	7-12	9-12
Total enrollment	395	227	130	186	128	507	482	149	255
Governance	Pilot	Pilot	Charter	Charter	District	Charter	Charter	District	District
% free & reduced lunch	56%	69%	53%	86%	58%	22%	85%	68%	92%
% Caucasian	21%	11%	24%	3%	6%	50%	4%	35%	0%
% African American	43%	52%	63%	61%	36%	13%	12%	11%	18%
% Hisapanic	29%	30%	8%	35%	34%	20%	81%	37%	62%
% Asian	4%	6%	5%	0%	19%	17%	2%	17%	16%
% other	4%	1%	0%	0%	6%	0%	0%	0%	4%
%SWD - resource	13%	8%	15%	16%	13%	9%	13%	8%	7%
%SWD - self contained	0%	4%	0%	0%	0%	1%	0%	0%	0%
% SWD (students with disabilities)	13%	13%	15%	16%	13%	9%	13%	8%	7%
% English language learners (ELL)	0%	3%	0%	0%	19%	9%	3%	1%	29%
% proficient & above in English language arts	53%	49%	90%	29%	67%	94%	50%	81%	54%
% proficient & above in math	48%	49%	87%	21%	56%	86%	53%	90%	59%
Attendance rate	93%	95%	94%	94%	95%	97%	95%	96%	97%
Graduation rate	84%	83%	91%	91%	96%	99%	87%	91%	96%

Operating Budget Information	Boston Arts Academy	Tech Boston Academy	Academy of the Pacific Rim HS	Perspectives Charter School	Met West	High Tech High	Noble St. Charter High School	University Park Campus	Life Academy
Total fully allocated operating budget	\$6,638,083	\$2,825,871	\$1,556,768	\$2,126,446	\$1,050,975	\$3,222,408	\$4,428,116	\$1,134,869	\$1,907,082
General education per pupil (unweighted, fully allocated, including private, no geographic adjuster)	\$15,229	\$11,149	\$10,787	\$10,846	\$7,790	\$5,470	\$8,679	\$7,238	\$7,058
Percentage above that is privately funded	26.0%	5.0%	0.0%	16.0%	8.0%	0.0%	6.0%	7.0%	4.0%
Percentage spent on instruction	56.0%	50.0%	54.0%	45.0%	46.0%	57.0%	51.0%	58.0%	48.0%
Percentage spent on leadership	6.0%	14.0%	15.0%	10.0%	19.0%	13.0%	7.0%	8.0%	14.0%
Percentage spent on pupil services	6.0%	8.0%	13.0%	11.0%	1.0%	5.0%	9.0%	7.0%	4.0%
Per pupil spending on leadership & pupil services	\$1,759	\$2,434	\$3,011	\$2,248	\$1,566	\$976	\$1,382	\$1,116	\$1,272
Staff FTEs	64	25.85	19.48	27.6	12.4	37.66	57.6	12	15.93
Teacher FTEs	43.5	17.25	12.31	14.3	8.8	29.5	33.5	8.5	19.7
Number of core academic teachers	23	15	11	12	9	27	26	8	16
Average teacher compensation	\$78,264	\$71,267	\$54,395	\$64,863	\$55,361	\$56,822	\$63,367	\$72,735	\$59,441
student:staff ratio	6.2	11.4	6.7	6.9	10.3	13.5	8.4	12.5	12.9
student:teacher ratio	9.1	13.2	10.6	13.1	14.6	16.9	14.4	18.0	16.0
Percent of staff that are classroom instruction	66.5%	66.70%	63.2%	53.0%	71.0%	79.7%	58.2%	69.0%	80.9%
Percent of staff that are core academic teachers	36.0%	57.06%	54.9%	44.4%	71.0%	70.4%	52.0%	64.9%	79.8%
Percent of staff that are support	6.0%	8%	8.0%	4.0%	2.0%	8.0%	14.0%	8.4%	0.0%
Percent of staff that are professional development	0.0%	5.61%	1.3%	6.3%	0.0%	0.2%	0.0%	4.5%	0.0%
Percent of staff that are administration/leadership	13.0%	9.67%	8.0%	9.7%	8.1%	7.1%	10.9%	2.7%	8.5%
Use of part-time or adjunct staff	Yes	No	Yes	Yes	Yes	No	No	Yes	No
"BIG 3" FRAMEWORK INDICATORS									
Invest in Teaching Quality	Boston Arts Academy	Tech Boston Academy	Academy of the Pacific Rim HS	Perspectives Charter School	Met West	High Tech High	Noble St. Charter High School	University Park Campus	Life Academy
Use of rigorous, strategic hiring process	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Percent of teachers with 3 years or less experience teaching	11%	38%	34%	35%	57%	N/A	9%	0%	38%
Percent of teachers of core subjects with 3 years or less experience teaching	13%	38%	30%	30%	57%	TBD	9%	0%	38%
Leverage outside expertise	non-core	non-core	n/a	non-core	core & non-core	non-core	non-core	non-core	core & non-core
Percent of core academic teachers teaching more than one subject (not different sections)	48%	20%	0%	67%	100%	87%	49%	39%	76%
Percent of teachers with masters degrees	80%	86%	45%	72%	45%	47%	35%	67%	58%
Percent of teachers in core academics with masters degrees	89%	86%	43%	82%	45%	51%	36%	67%	58%
Total yearly teacher hours (non-stipend)	1503	1526	1908	1683	1381	1598	1523	1252	1498
Total yearly teacher instructional hours (core, noncore, acad. support)	714	954	865	617	814	903	802	790	801
Total yearly teacher hours in core & noncore	606	720	760	617	486	861	766	752	771
Total yearly teacher admin/prep hours	510	279	706	667	46	210	437	370	466
Total yearly teacher academic support hours	108	234	105	0	328.00	42	36	38	30.2
Total yearly teacher social emotional support hours	36	0	139	63	151	24	88	0	40.2

Strategic Use of Time	Boston Arts Academy	Tech Boston Academy	Academy of the Pacific Rim HS	Perspectives Charter School	Met West	High Tech High	Noble St. Charter High School	University Park Campus	Life Academy
Total days per year	180	180	190	174	180	181	182	180	180
Total hours per day	7.2	7.2	8.3	6.5	6.8	7	7	7.3	7.3
Total yearly student hours (average)	1278	1304	1571	1115	1224	1260	1244	1185	1306
Total yearly core academic hours (average)	539	771	934	726	437	771	700	886	837
Total yearly noncore academic hours (average)	440	90	89	152	432	240	268	137	94
Total yearly individual academic support hours (average)	108	255	122	0	158	0	0	41	99
Total yearly social and emotional support hours (average)	36	0	154	94	45	66	67	36	38
Total yearly support hours overall (average)	144	255	276	94	203	66	67	77	137
Total yearly maintenance hours (average)	157	187	272	144	153	183	211	86	237
Total yearly instructional hours (core, noncore, individ. acad. support) (average)	1,087	1116	1145	878	1027	1011	968	1064	1030
Percent of student year in core academics	42.2%	59.1%	59.5%	65%	35.7%	61.2%	56.3%	74.8%	64.1%
Percent of student year in noncore academics	34.4%	6.9%	5.7%	14%	35.3%	19.0%	21.5%	11.6%	7.2%
Percent of student year in individual academic support	8.5%	19.6%	7.8%	0.0%	12.9%	0.0%	0.0%	3.5%	7.6%
Percent of student year in social & emotional support	2.8%	0.0%	9.8%	8%	3.7%	5.2%	5.4%	3.0%	2.9%
Percent of student year in maintenance	12.3%	14.3%	17.3%	13%	12.5%	14.5%	17.0%	7.3%	18.1%
Percent of student year in instruction (core, noncore, individ. acad. support)	85.1%	85.6%	72.9%	78.7%	83.9%	80.2%	77.8%	89.8%	78.9%
Total yearly student hours - 9th grade	1293	1347	1571	1165	1224	1260	1272	1196	1306
Total yearly core academic hours - 9th	606	735	934	789	437	885	653	888	766
Total yearly hours in math- 9th	122	183	187	146	126	203	113	185	134
Total yearly hours in ELA- 9th	242	183	187	234	202	203	314	185	253
Total yearly noncore academic hours - 9th grade	384	81	89	136	144	126	309	167	151
Total yearly individual academic support hours - 9th grade	108	335	139	0	158	0	0	56	113
Total yearly social & emotional hours - 9th grade	36	8	136	92	45	66	104	0	38
Total yearly instructional hours (core, noncore, individual academic support) - 9th grade	1098	1151	1162	925	739	1011	962	1111	1030
Percent of student year in core academics- 9th grade	46.9%	54.6%	59.5%	68%	35.7%	70.2%	51.3%	74.2%	58.7%
Percent student year in math- 9th	9.4%	13.6%	11.9%	13%	10.3%	16.1%	8.9%	15.5%	10.3%
Percent student year in ELA- 9th	18.7%	13.6%	11.9%	20%	16.5%	16.1%	24.7%	15.5%	19.4%
Percent of student year in noncore academics- 9th	29.7%	6.0%	5.7%	12%	11.8%	10.0%	24.3%	14.0%	11.6%
Percent of student year in individual academic support - 9th grade	8.4%	24.9%	8.8%	0.0%	12.9%	0.0%	0.0%	4.7%	8.7%
Percent of student year in social and emotional support - 9th	2.8%	0.6%	8.7%	7.9%	3.7%	5.2%	8.2%	0.0%	2.9%
Percent of student year in instruction (core, noncore, individ. acad. support) - 9th	85.9%	88.3%	74.0%	83.0%	60.4%	80.2%	77.3%	93.8%	78.9%
Total yearly core academic hours - 12th	460	n/a	934	536	437	621	693	712	766
Avg. yearly hours in ELA (9th-12th)	238	184	185	212	202	179	281	193	278
Avg. yearly hours in math (9th-12th)	120	183	187	135	126	203	121	202	134
Ratio of time in 9th grade ELA: Avg. time in ELA	1.02	0.99	1.01	1.10	1.00	1.13	1.12	0.96	0.91
Ratio of time in 9th grade math: Avg. time in math	1.02	1.00	1.00	1.08	1.00	1.00	0.93	0.92	1.00

# of years students take ELA	4	4	4	3.5	4.0	4.0	4	4	4.0
# of years students take math	4	4	4	3.5	3.0	4.0	4	4	4.0
# of years students take science	3	4	4	3.5	3.0	4.0	4	4	4.0
# of years students take social studies	4	4	4	3.5	3.0	3.0	3	4	3.0
# of years students take foreign lang.	2	2	4	3	1	2	2	3	3
Do students do a senior/culminating project? (Y/N)	Yes	No	No	Yes	Yes	Yes	No	No	Yes
Do schools use a block schedules, i.e. class periods greater than 70 minutes?	Yes	No	No	Yes	Yes	Yes	Yes	No	Yes
Consistent graduation requirements for all students	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Do students have a choice of core courses? (Y/N)	No	No	No	No	Yes	No	No	No	No
Do students have a choice of non-core courses? (Y/N)	Yes	No	No	No	Yes	Yes	Yes	No	No
Average length of student day in minutes (actual)	432	434	496	392	408	420	420	431	439
Additional days above district calendar	0	0	10	0	0	0	8	0	0
Average length of student day in DISTRICT (average)	380	380	380	315	360	365	315	383	360
Additional minutes/day	52	54	116	77	48	55	105	48	79
Additional hours/day	0.87	0.90	1.93	1.28	0.80	0.92	1.75	0.80	1.32
Average length of student day in DISTRICT (hours)	6.33	6.33	6.33	5.25	6.00	6.08	5.25	6.38	6.00
Total days in student year (DISTRICT AVG.)	180	180	180	174	180	181	174	180	180
Total hours per year in LOCAL DISTRICT	1140	1140	1140	913.5	1080	1101	914	1149	1080
Additional student hours/year compared to district	138	164	431	202	144	159	331	36	226
Additional school day equivalents/year	22	26	68	38	24	26	63	6	38
Avg. student hours in core/year in DISTRICT (averaged over 4 years)	424	424	424	329	372	380	329	428	372
Percent of year in core in DISTRICT	37%	37%	37%	36%	34%	35%	36%	37%	34%
Additional hours in core/year over DISTRICT	115	347	510	397	65	391	371	458	465
Additional hours in core over 4 years above DISTRICT	459	1387	2040	1587	260	1564	1483	1831	1860
Additional school day equivalents spent in CORE	18	55	81	76	11	64	71	72	78
Additional day equivalents spent in CORE over 4 years above DISTRICT	72	219	322	302	43	257	282	287	310
Additional school day equivalents spent in CORE & academic support	35	95	100	76	37	64	71	78	94
Additional school day equivalents spent in Core & academic support over 4 years	141	380	399	302	149	257	282	313	376
Percent of student year in theme	37%	7%	n/a	24%	n/a	integrated	n/a	n/a	24%
Total core academic hours (over 4 years)	2156	3084	3737	2904	1748	3084	2800	3544	3348
Total core courses above district over 4 years	2	2	5	8	0	5	10	3	4
Percent of total student hours above district	12%	14%	38%	22%	13%	14%	36%	3%	21%

Create Individual Attention	Boston Arts Academy	Tech Boston Academy	Academy of the Pacific Rim HS	Perspectives Charter School	Met West	High Tech High	Noble St. Charter High School	University Park Campus	Life Academy
Systems for tracking and reviewing individual student progress	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Average class size overall (core & noncore)	19.6	18.62	22	22	17	21.3	20	21	23.4
Average class size - core academics	16.1	18.96	22	21	17	22.3	18	20	24.1
Average teacher load overall (core & noncore)	71.3	87.4	65	113	17	52.6	135	90	104
Average teacher load - core academics	45.5	75.42	65	124	17	52.6	118	82	101
Average class size - core academics - 9th grade	17.4	18.32	24	20	17	25.4	21	23	27.6
Average teacher load - core academics - 9th grade	51.6	80.8	73	141	17	51	140	91	99.5
Average class size in ELA	13.4	18.69	22	15	8	23.2	17	17	27.1
Average class size in 9th grade ELA	15.7	21.5	25	13	n/a	25.5	19	23	31.5
Average class size in math	18.9	19	22	15	7	22.3	16	21	18.8
Average class size in 9th grade Math	21.4	20.5	25	13	n/a	25.5	19	23	22.7
Average teacher load for ELA teachers	34.5	69.2	66.0	140.0	n/a	51.4	120.0	68.0	106.0
Average teacher load for math teachers	36.7	57.8	66.0	115.0	n/a	54.6	133.0	79.0	87.7
Looping practices around strategically grouped students	Yes; support	Yes; core	Yes; support	Yes; core	Yes; all	Yes; core & support	Yes; support	Yes; core	Yes; support
Size of student group in strategic core academic teaching teams	n/a	n/a	n/a	54	n/a	50	n/a	n/a	n/a
# students assigned to adult advocate/advisor	10	n/a	11	27	17	15	15	n/a	17
Student: teacher Ratio	9:1	13:1	11:1	12:1	15:1	17:1	14:1	18:1	20:1
Student: core academic teacher ratio	17.1	15.38	12.15	15.5	14.07	19.1	18.2	19	16
Percent of teachers that are core	54%	86%	87%	84%	100%	88%	89%	94%	99%
Percent of teacher time spent in support per year	10.0%	13%	15%	4.3%	36.7%	4.4%	8.2%	3.0%	9.0%