



考試學校工作小組

5.28.21

人口普查區層級版本

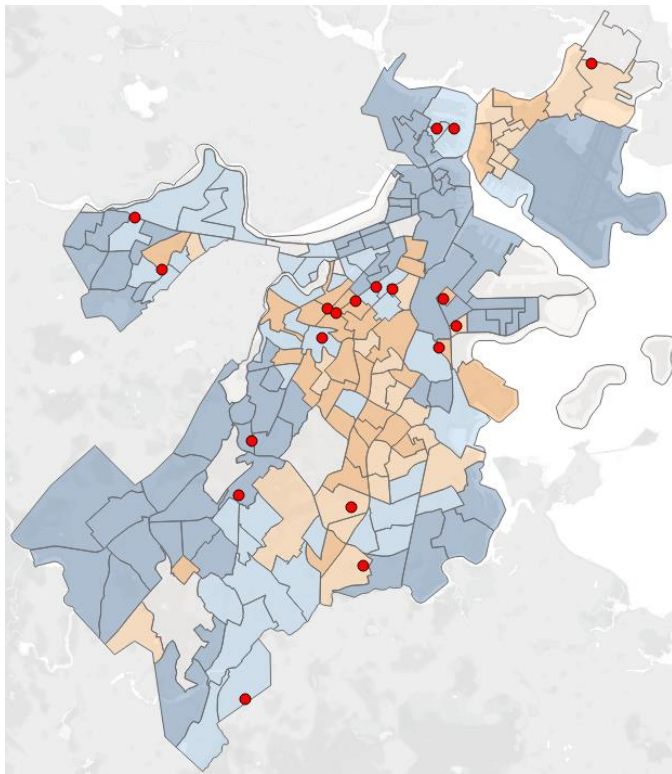
在上次會議上，我們討論了人口普查區層級的多種可能的變化。

- 應該有多少層級？
 - 4
 - 5
 - 8
- 層級應當如何按比例劃定？
 - 根據所有學齡兒童的總人數
 - 根據5-8年級的學齡兒童的總人數

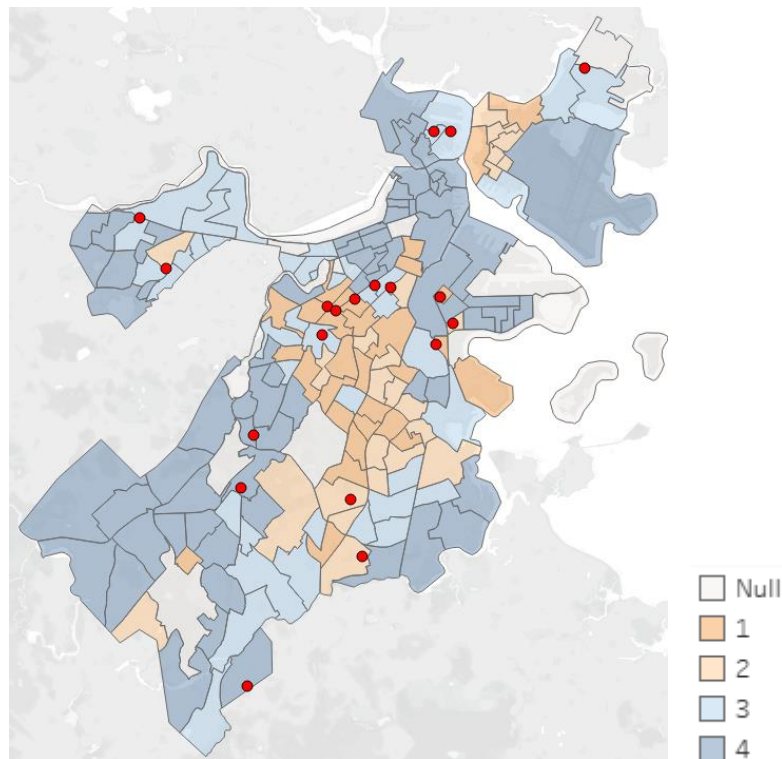
以下的演示文稿探討了六種不同的層級選項和住在不同層級的學生人口。
在此文稿中選取的學生人口樣本是20-21學年申請考試學校的7年級學生。

地圖對比-4個層級

根據所有學齡兒童的人數劃分

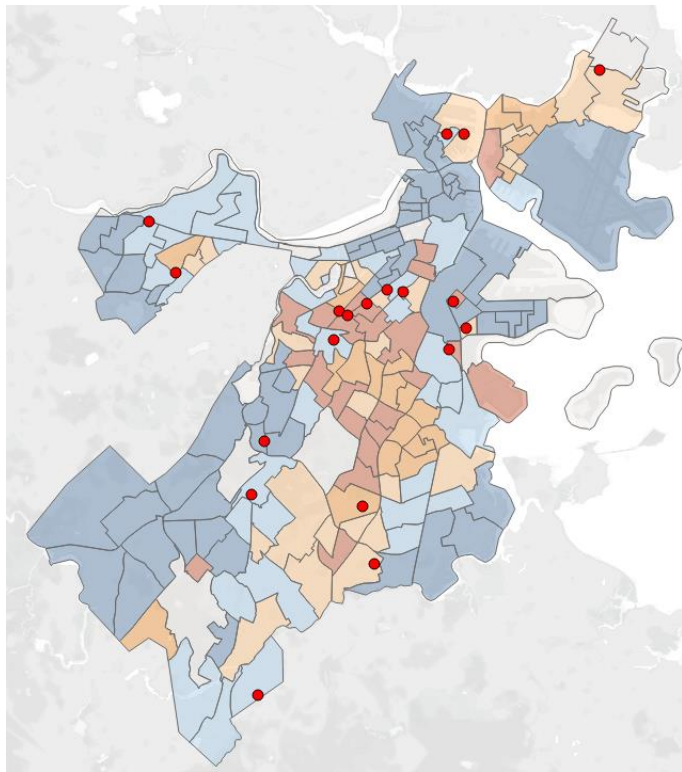


根據5-8年級學齡兒童的人數劃分

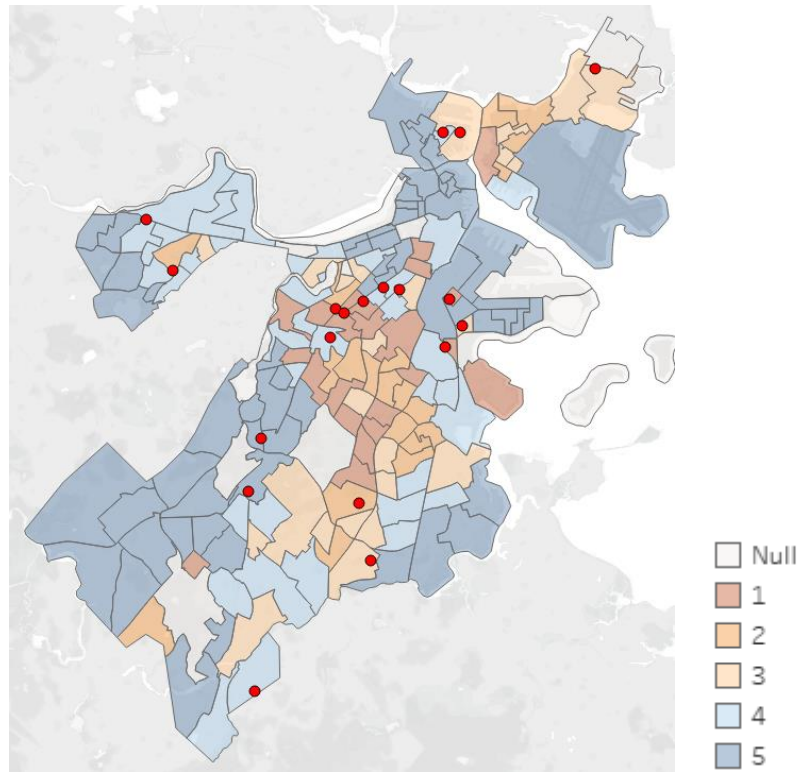


地圖對比-5個層級

根據所有學齡兒童的人數劃分

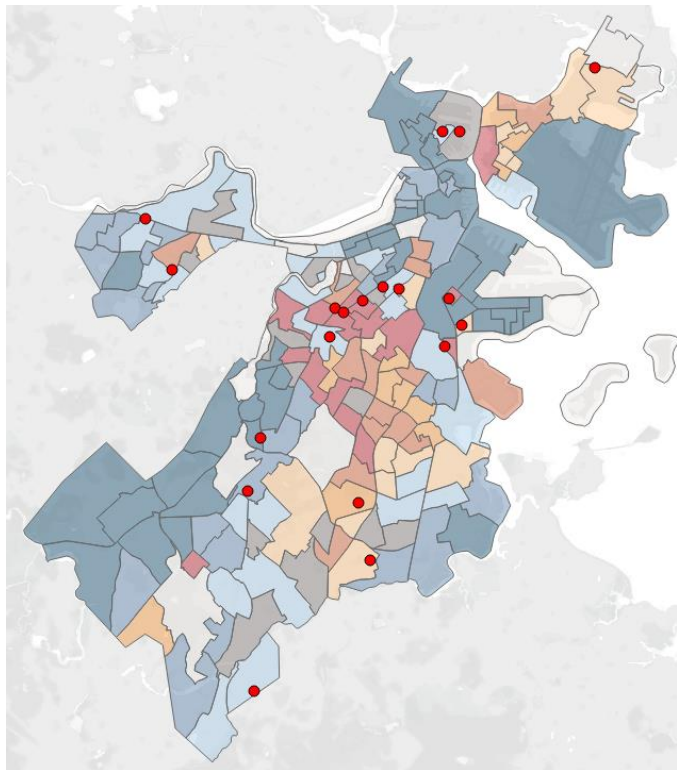


根據5-8年級學齡兒童的人數劃分

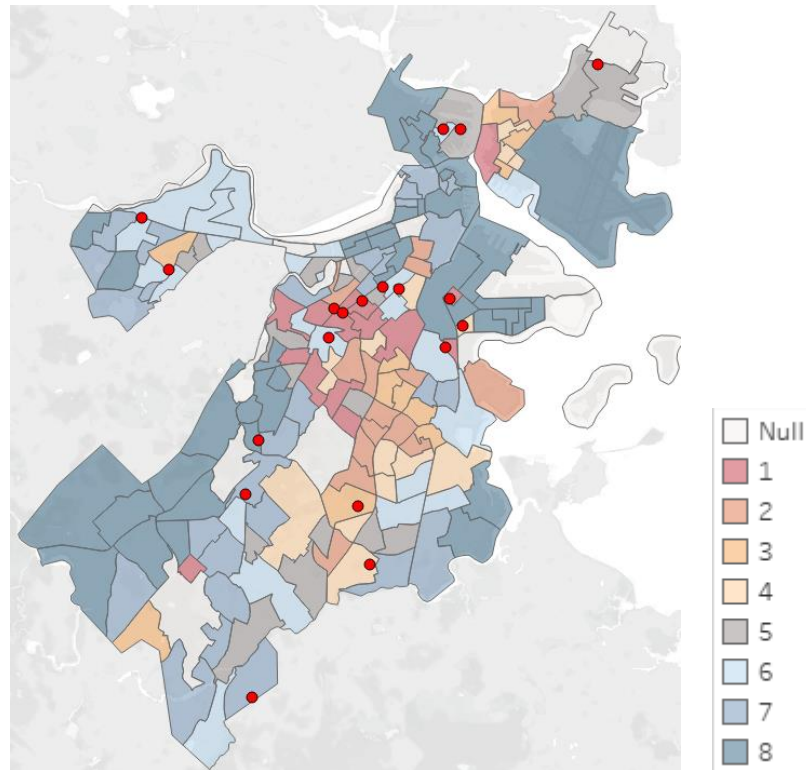


地圖對比-8個層級

根據所有學齡兒童的人數劃分



根據5-8年級學齡兒童的人數劃分



根據所有年級學生的人數所確定的層級分配

Tier Number	4 Tiers - All Grades				5 Tiers - All Grades				8 Tiers - All Grades			
	# of Tracts	# of School-Aged Children (ACS)	# of SY20-21 Applicants	# of SY20-21 Invitees	# of Tracts	# of School-Aged Children (ACS)	# of SY20-21 Applicants	# of SY20-21 Invitees	# of Tracts	# of School-Aged Children (ACS)	# of SY20-21 Applicants	# of SY20-21 Invitees
1	30	19337	659	130	23	15287	516	102	15	9589	309	60
2	27	19654	639	153	20	15431	500	106	15	9748	350	70
3	44	20195	649	230	28	15705	475	130	11	9382	279	66
4	66	19736	831	505	37	16750	597	236	16	10272	360	87
5					59	15749	690	444	16	9043	241	70
6									28	11152	408	160
7									27	9473	356	173
8									39	10263	475	332

根據5-8年級學生人數所確定的層級分配

Tier Number	4 Tiers - Grades 5-8				5 Tiers - Grades 5-8				8 Tiers - Grades 5-8			
	# of Tracts	# of School-Aged Children (ACS)	# of SY20-21 Applicants	# of SY20-21 Invitees	# of Tracts	# of School-Aged Children (ACS)	# of SY20-21 Applicants	# of SY20-21 Invitees	# of Tracts	# of School-Aged Children (ACS)	# of SY20-21 Applicants	# of SY20-21 Invitees
1	29	5649	648	124	22	4274	482	95	14	2493	267	54
2	25	5532	595	143	20	4731	510	111	15	3156	381	70
3	42	5789	620	206	24	4332	437	113	11	2845	280	71
4	71	5759	915	545	39	4610	580	223	14	2687	315	72
5					62	4782	769	476	18	2943	279	77
6									24	2846	341	129
7									30	2860	429	210
8									41	2899	486	335

使用層級來作為錄取機制

以下表格展示出根據不同數目的層級來分配的學位數量該表格假設要發放的錄取名額為1000個, 20%的學位將在全市範圍內分配

層級的數目	4	5	8
20%全市分配	200	200	200
1	200	160	100
2	200	160	100
3	200	160	100
4	200	160	100
5			100
6			100
7			100
8			100

20-21學年的申請人總數: 層級錄取的比較

按經濟地位

4 Tiers - Grades 5-8					
Economic Status	Tier 1	Tier 2	Tier 3	Tier 4	Total
Not Economically Disadvantaged	20.1%	25.7%	34.7%	67.5%	40.2%
Economically Disadvantaged	79.9%	74.3%	65.3%	32.5%	59.8%
Total	648	595	620	915	2778

4 Tiers - All Grades					
Economic Status	Tier 1	Tier 2	Tier 3	Tier 4	Total
Not Economically Disadvantaged	20.2%	25.5%	39.0%	68.2%	40.2%
Economically Disadvantaged	79.8%	74.5%	61.0%	31.8%	59.8%
Total	659	639	649	831	2778

5 Tiers - Grades 5-8						
Economic Status	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Total
Not Economically Disadvantaged	16.0%	27.6%	27.0%	41.7%	70.0%	40.2%
Economically Disadvantaged	84.0%	72.4%	73.0%	58.3%	30.0%	59.8%
Total	482	510	437	580	769	2778

5 Tiers - All Grades						
Economic Status	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Total
Not Economically Disadvantaged	17.2%	27.2%	29.5%	43.2%	71.4%	40.2%
Economically Disadvantaged	82.8%	72.8%	70.5%	56.8%	28.6%	59.8%
Total	516	500	475	597	690	2778

8 Tiers - Grades 5-8									
Economic Status	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Tier 6	Tier 7	Tier 8	Total
Not Economically Disadvantaged	16.9%	22.3%	25.4%	26.0%	32.6%	36.4%	55.9%	77.8%	40.2%
Economically Disadvantaged	83.1%	77.7%	74.6%	74.0%	67.4%	63.6%	44.1%	22.2%	59.8%
Total	267	381	280	315	279	341	429	486	2778

8 Tiers - All Grades									
Economic Status	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Tier 6	Tier 7	Tier 8	Total
Not Economically Disadvantaged	16.8%	23.1%	25.8%	25.3%	33.2%	42.4%	54.8%	78.3%	40.2%
Economically Disadvantaged	83.2%	76.9%	74.2%	74.7%	66.8%	57.6%	45.2%	21.7%	59.8%
Total	309	350	279	360	241	408	356	475	2778

20-21學年的申請人總數: 層級錄取的比較 按種族 (1)

4 Tiers - Grades 5-8

Race	Tier 1	Tier 2	Tier 3	Tier 4	Total
Asian	9.7%	14.6%	14.4%	13.4%	13.0%
Black	39.4%	30.3%	30.6%	12.1%	26.6%
Latinx	44.9%	45.2%	36.5%	20.2%	35.0%
Multi-Race/Other	3.1%	2.7%	5.0%	6.1%	4.4%
White	2.9%	7.2%	13.5%	48.1%	21.0%
Total	648	595	620	915	2778

4 Tiers - All Grades

Race	Tier 1	Tier 2	Tier 3	Tier 4	Total
Asian	10.0%	14.1%	13.3%	14.4%	13.0%
Black	38.8%	28.3%	32.5%	10.6%	26.6%
Latinx	44.9%	46.2%	34.7%	18.7%	35.0%
Multi-Race/Other	3.0%	3.1%	4.6%	6.4%	4.4%
White	3.2%	8.3%	14.9%	49.9%	21.0%
Total	659	639	649	831	2778

5 Tiers - Grades 5-8

Race	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Total
Asian	12.4%	10.2%	12.4%	17.8%	12.1%	13.0%
Black	37.6%	36.5%	30.2%	26.4%	10.9%	26.6%
Latinx	43.4%	46.9%	43.7%	33.1%	18.2%	35.0%
Multi-Race/Other	3.1%	2.2%	3.9%	5.0%	6.6%	4.4%
White	3.5%	4.3%	9.8%	17.8%	52.1%	21.0%
Total	482	510	437	580	769	2778

5 Tiers - All Grades

Race	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Total
Asian	11.6%	10.6%	12.0%	16.9%	13.2%	13.0%
Black	39.9%	34.4%	30.9%	25.0%	9.0%	26.6%
Latinx	41.9%	48.2%	43.4%	33.2%	15.9%	35.0%
Multi-Race/Other	3.3%	2.2%	3.8%	5.2%	6.7%	4.4%
White	3.3%	4.6%	9.9%	19.8%	55.2%	21.0%
Total	516	500	475	597	690	2778

20-21學年的申請人總數: 層級錄取的比較 按種族 (2)

8 Tiers - Grades 5-8									
Race	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Tier 6	Tier 7	Tier 8	Total
Asian	8.2%	10.8%	11.8%	17.1%	9.3%	18.5%	14.9%	12.1%	13.0%
Black	35.6%	42.0%	31.8%	28.9%	37.3%	25.2%	20.7%	4.5%	26.6%
Latinx	49.1%	42.0%	48.9%	41.9%	40.1%	33.4%	29.1%	12.3%	35.0%
Multi-Race/Other	3.0%	3.1%	0.7%	4.4%	3.9%	5.9%	5.4%	6.8%	4.4%
White	4.1%	2.1%	6.8%	7.6%	9.3%	17.0%	29.8%	64.2%	21.0%
Total	267	381	280	315	279	341	429	486	2778

8 Tiers - All Grades									
Race	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Tier 6	Tier 7	Tier 8	Total
Asian	7.1%	12.6%	10.8%	16.7%	9.1%	15.7%	18.3%	11.6%	13.0%
Black	37.5%	40.0%	32.6%	25.0%	42.7%	26.5%	19.4%	4.0%	26.6%
Latinx	48.5%	41.7%	49.1%	43.9%	38.2%	32.6%	27.5%	12.0%	35.0%
Multi-Race/Other	3.2%	2.9%	1.1%	4.7%	2.9%	5.6%	5.6%	6.9%	4.4%
White	3.6%	2.9%	6.5%	9.7%	7.1%	19.6%	29.2%	65.5%	21.0%
Total	309	350	279	360	241	408	356	475	2778

20-21學年的申請人總數: 層級錄取的比較 按性別

4 Tiers - Grades 5-8					
Sex	Tier 1	Tier 2	Tier 3	Tier 4	Total
Female	53.7%	53.9%	52.1%	48.0%	51.7%
Male	46.3%	45.7%	47.9%	52.0%	48.2%
Total	648	595	620	915	2778

5 Tiers - Grades 5-8						
Sex	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Total
Female	52.3%	52.9%	56.1%	52.6%	46.7%	51.7%
Male	47.7%	46.9%	43.7%	47.4%	53.3%	48.2%
Total	482	510	437	580	769	2778

4 Tiers - All Grades					
Sex	Tier 1	Tier 2	Tier 3	Tier 4	Total
Female	53.6%	54.3%	52.2%	47.2%	51.7%
Male	46.4%	45.4%	47.8%	52.8%	48.2%
Total	659	639	649	831	2778

5 Tiers - All Grades						
Sex	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Total
Female	52.7%	52.8%	56.4%	50.4%	47.2%	51.7%
Male	47.3%	47.0%	43.4%	49.6%	52.8%	48.2%
Total	516	500	475	597	690	2778

8 Tiers - Grades 5-8									
Sex	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Tier 6	Tier 7	Tier 8	Total
Female	52.4%	54.6%	50.4%	57.1%	53.4%	51.0%	49.4%	46.7%	51.7%
Male	47.6%	45.4%	49.3%	42.5%	46.6%	49.0%	50.6%	53.3%	48.2%
Total	267	381	280	315	279	341	429	486	2778

8 Tiers - All Grades									
Sex	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Tier 6	Tier 7	Tier 8	Total
Female	53.7%	53.4%	50.9%	56.9%	51.5%	52.7%	47.8%	46.7%	51.7%
Male	46.3%	46.6%	48.7%	42.8%	48.5%	47.3%	52.2%	53.3%	48.2%
Total	309	350	279	360	241	408	356	475	2778

20-21學年的申請人總數: 層級錄取的比較

按英文學習生身份

4 Tiers - Grades 5-8					
EL Status	Tier 1	Tier 2	Tier 3	Tier 4	Total
Not English Learner	84.9%	86.9%	90.0%	95.2%	89.8%
English Learner	15.1%	13.1%	10.0%	4.8%	10.2%
Total	648	595	620	915	2778

4 Tiers - All Grades					
EL Status	Tier 1	Tier 2	Tier 3	Tier 4	Total
Not English Learner	85.0%	86.7%	90.9%	95.3%	89.8%
English Learner	15.0%	13.3%	9.1%	4.7%	10.2%
Total	659	639	649	831	2778

8 Tiers - Grades 5-8									
EL Status	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Tier 6	Tier 7	Tier 8	Total
Not English Learner	86.1%	84.0%	83.9%	89.5%	89.2%	90.6%	93.2%	96.9%	89.8%
English Learner	13.9%	16.0%	16.1%	10.5%	10.8%	9.4%	6.8%	3.1%	10.2%
Total	267	381	280	315	279	341	429	486	2778

8 Tiers - All Grades									
EL Status	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Tier 6	Tier 7	Tier 8	Total
Not English Learner	85.4%	84.6%	83.5%	89.2%	89.6%	91.7%	92.7%	97.3%	89.8%
English Learner	14.6%	15.4%	16.5%	10.8%	10.4%	8.3%	7.3%	2.7%	10.2%
Total	309	350	279	360	241	408	356	475	2778

5 Tiers - Grades 5-8						
EL Status	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Total
Not English Learner	84.0%	85.1%	89.7%	91.6%	95.4%	89.8%
English Learner	16.0%	14.9%	10.3%	8.4%	4.6%	10.2%
Total	482	510	437	580	769	2778

5 Tiers - All Grades						
EL Status	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Total
Not English Learner	85.1%	84.0%	90.5%	90.8%	96.4%	89.8%
English Learner	14.9%	16.0%	9.5%	9.2%	3.6%	10.2%
Total	516	500	475	597	690	2778

20-21學年的申請人總數: 層級錄取的比較 按IEP的學生身份

4 Tiers - Grades 5-8					
IEP Status	Tier 1	Tier 2	Tier 3	Tier 4	Total
No IEP	87.7%	90.3%	91.0%	91.3%	90.1%
Has IEP	12.3%	9.7%	9.0%	8.7%	9.9%
Total	648	595	620	915	2778

4 Tiers - All Grades					
IEP Status	Tier 1	Tier 2	Tier 3	Tier 4	Total
No IEP	87.7%	90.6%	90.8%	91.2%	90.1%
Has IEP	12.3%	9.4%	9.2%	8.8%	9.9%
Total	659	639	649	831	2778

8 Tiers - Grades 5-8									
IEP Status	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Tier 6	Tier 7	Tier 8	Total
No IEP	86.1%	88.7%	91.1%	89.5%	91.4%	90.6%	90.2%	92.2%	90.1%
Has IEP	13.9%	11.3%	8.9%	10.5%	8.6%	9.4%	9.8%	7.8%	9.9%
Total	267	381	280	315	279	341	429	486	2778

8 Tiers - All Grades									
IEP Status	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Tier 6	Tier 7	Tier 8	Total
No IEP	86.7%	88.6%	90.7%	90.6%	91.3%	90.4%	89.9%	92.2%	90.1%
Has IEP	13.3%	11.4%	9.3%	9.4%	8.7%	9.6%	10.1%	7.8%	9.9%
Total	309	350	279	360	241	408	356	475	2778

5 Tiers - Grades 5-8						
IEP Status	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Total
No IEP	88.4%	89.2%	90.4%	91.0%	91.0%	90.1%
Has IEP	11.6%	10.8%	9.6%	9.0%	9.0%	9.9%
Total	482	510	437	580	769	2778

5 Tiers - All Grades						
IEP Status	Tier 1	Tier 2	Tier 3	Tier 4	Tier 5	Total
No IEP	87.8%	89.2%	91.4%	90.3%	91.6%	90.1%
Has IEP	12.2%	10.8%	8.6%	9.7%	8.4%	9.9%
Total	516	500	475	597	690	2778