



OAKLAND UNIFIED
SCHOOL DISTRICT

Community Schools, Thriving Students

Community of Schools Citywide Plan: Toward a Citywide Map



November 14, 2018

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iam OUSD

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Our Vision And Mission Ground Us

Vision: All OUSD students will find joy in their academic learning experience while graduating with the skills to ensure they are caring, competent, fully-informed, critical thinkers who are prepared for college, career, and community success.

Mission: To become a **Full Service Community District** focused on high academic achievement while serving the whole child, eliminating inequity, and providing each child with excellent teachers, every day.



Key Principles: Quality, Equity, Access and Fiscal Sustainability

What we are trying to solve in order to reach our mission and vision?

Fiscal Vitality & Sustainability

- We need fewer, better resourced schools with larger enrollment

Quality & Equity

- We need better quality programs in every neighborhood for every student

Equity & Access

- We need access to quality schools closer to home
- We need regional feeder patterns from pre-K through high school

Community of Schools Policy (BP 6006)

A Citywide Plan grounded in policy: Asset Management, Charter Authorization, Enrollment, Equity, Results Based Budgeting, School Governance, and Quality School Development

A	Facilities	Best leverage vacant, underutilized, and surplus properties and utilize facility use agreements to strategically engage all Oakland public schools-district or charter; identify high quality options for academic programs
B	Enrollment & Transportation	Work with all Oakland public schools district or charter - to better articulate feeder patterns across Oakland to ensure more predictability for families.
C	Charter Authorization	Strengthen our role in oversight and accountability to ensure that all charter schools operating in Oakland are providing a high quality education and working to address inequities.
D	Access to Equitable & Quality Education for all	Share best practices across all Oakland public schools , (e.g., professional development, recruitment and retention of educators) that improve equitable educational access for all Oakland students.
E	Defined Autonomies	Best support continued innovation within OUSD schools and accelerate the number of high-quality school options within OUSD

Community of Schools: A Citywide Plan

5 Year Citywide Map



Blueprint for Quality Schools

Approve Cohort 2 in **May**



Quality School Standards & Defined Autonomies

Update existing guidance documents by **June**



Facilities Assets-Surplus Property

7-11 Committee to declare surplus property by **June**



Facilities Master Plan

Update facilities data and plan for portable removal by **June**



Charter Partnerships

Identify Long Term Lease Criteria by **December**

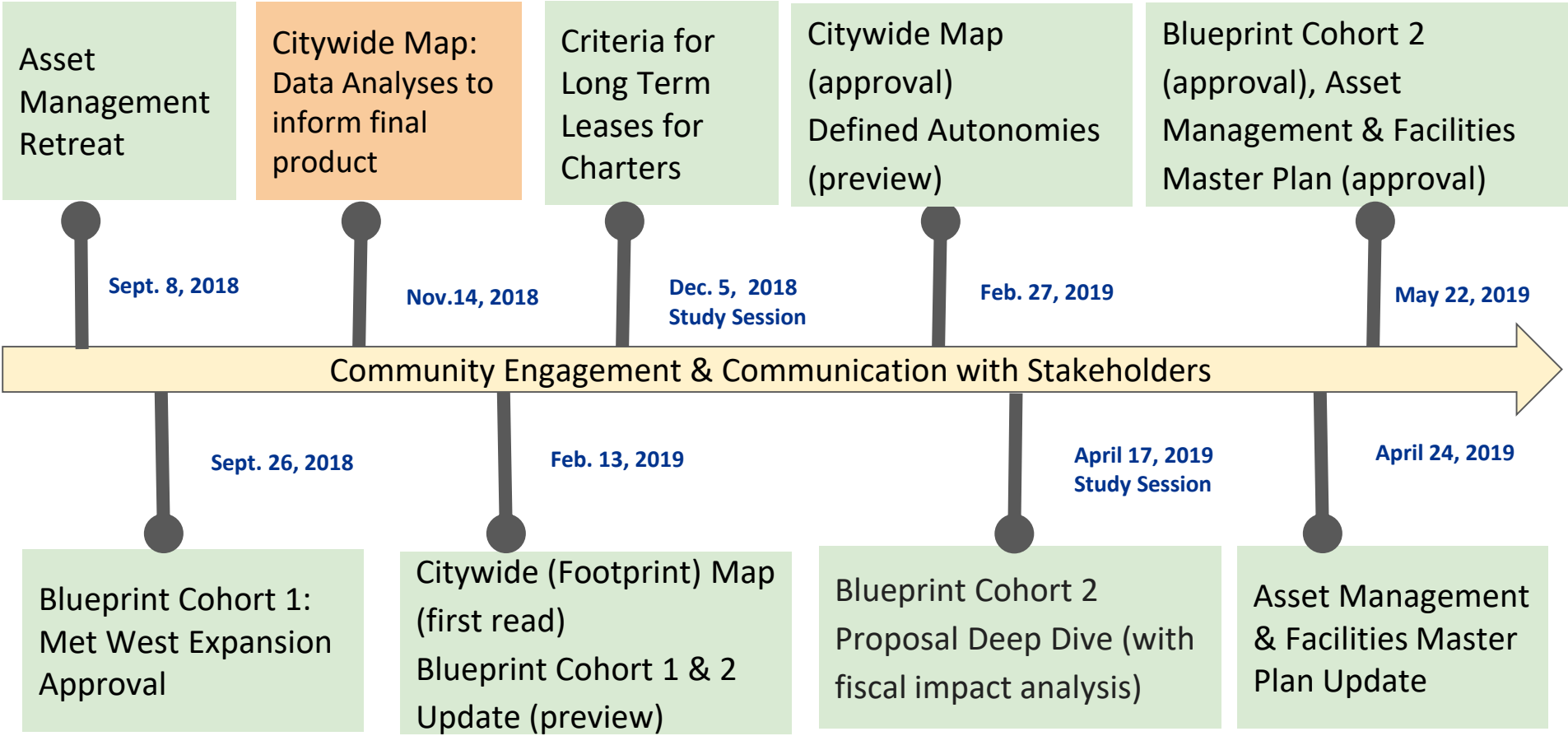


Enrollment/Feeder Patterns

Identify feeder patterns and enrollment plan in 2019

An Interconnected Comprehensive Strategy

Timeline of Key Board Engagements for the Citywide Plan



Outcomes for Today

1) To define the timeline for the overall Citywide Plan, including all components indicated in the Community of Schools Policy

2) Today's Update: Focus on the Development of Citywide Map

- Define what will be included in the Citywide Map to be approved in February
- Develop a shared understanding of the analyses conducted thus far toward creating a Citywide Map

Toward Defining the Citywide Map



What will be included in the final Citywide Map to be approved in February?

- Number and locations of district-run schools
 - Traditional schools, alternative schools, specialized schools such as dual language programs
- OUSD early childhood education (pre-K) locations
- OUSD Special Education programs
- Charter school locations
- Number and location of surplus properties

What will be included in the today's update on the development of the Citywide Map?

- Two initial analyses conducted to inform the development of the Citywide Plan

Overview of Initial Analyses

Capacity Analysis

1. Facility Capacity Analysis

What is the minimum number of schools we need **based on where students GO** to school and the seat capacity of our existing facilities?

Location Analysis

2. Location Allocation Analysis

Where are the optimal locations for schools **based on where students LIVE**, and how far away are our existing facilities?

Note: Results are subject to change with additional revision, and do not represent a conclusion or final answer.

What it is... What it isn't ...

These two analyses ...

- ... are the **first in a series** contributing to a Citywide Map.
- ... are solely based on analysis of district-run schools.
- ... **are not identifying which or how many sites to close or consolidate.**
- ... are not yet including alternative education, special education programs, schools with specialized programs, charter schools; data on program type or quality, facility conditions; or surplus property. These considerations will be addressed in subsequent analyses in development of the Citywide Map for 2023 and beyond.
- ... are **preliminary** and may change with further iterations.

Part 1

Capacity Analysis

Toward a Citywide Map Projected Enrollment vs. Facility Capacity Analysis

What is the *minimum number* of schools we need **based on where students GO** to school and the seat capacity of our existing facilities?

Office of Enrollment & Research Assessment & Data (RAD)

Nana Xu, Susan Radke, Kaia Vilberg, and Jean Wing

How was the analysis conducted?

Within each of 5 Strategic Regional Analysis (SRA) Regions, compare:

**# students expected* to
attend OUSD schools in each
region in 2023**

VS.

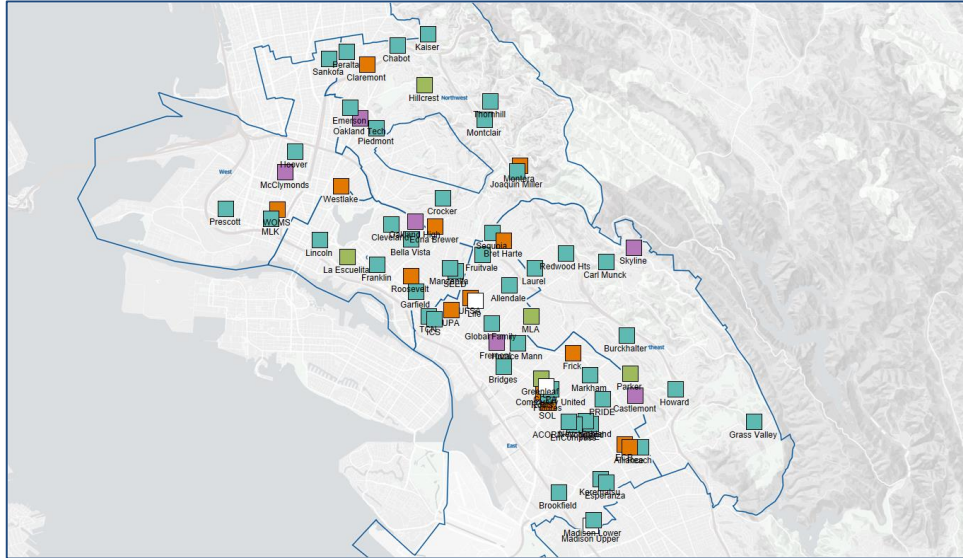
**# seats in school facilities
in each region**

Note: Specialized schools are not included here and will be considered in separate analyses. This analysis also does not include data on charter schools. This analysis assumes that at least 1 traditional elementary, middle, and high school will be needed in each region.

*Projected enrollment numbers were provided by Jacobs/Cooperative Strategies. See appendix for more information.

Strategic Regional Analysis (SRA) Regions

Capacity Analysis



- Central
- East
- Northeast
- Northwest
- West

CENTRAL Region

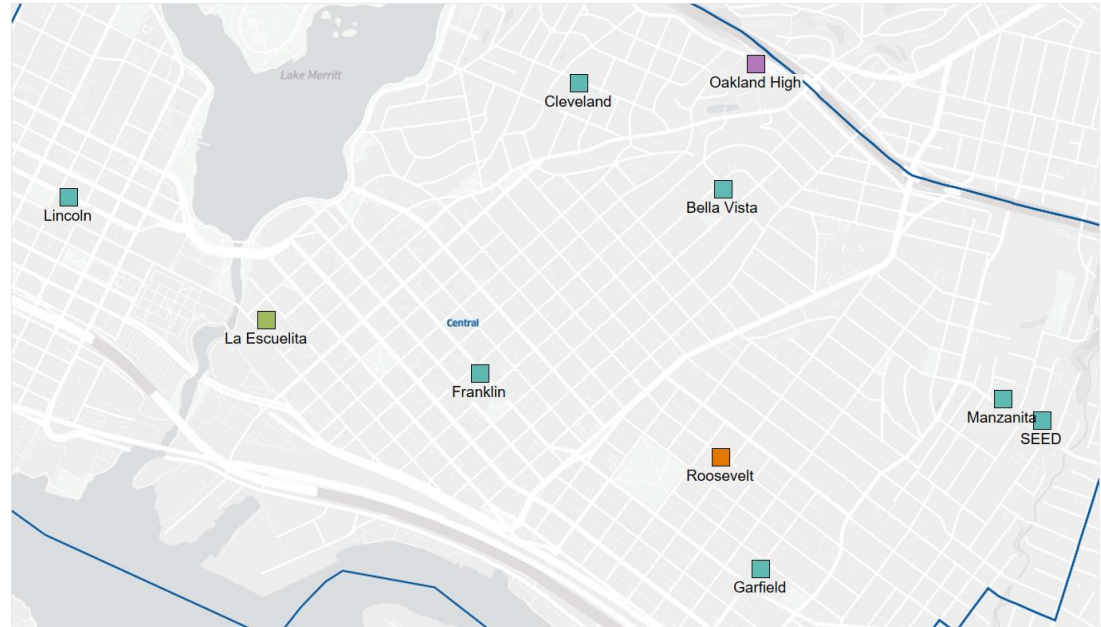
- Elementary
- K-8
- Middle
- 6-12
- Senior

Data subject to change as additional information yields greater accuracy

Capacity Analysis

Currently, the central region has*

- 7 elementary schools
- 1 K-8 schools
- 1 middle school
- 1 high school



*District-run schools only

CENTRAL Elementary & K-8

Data subject to change as additional information yields greater accuracy

Capacity Analysis

The table shows the projected # students in 2023, the seat capacity of each school, and the surplus/shortage (calculated by comparing # students with # seats).

#	School Name	Type	Projection	Facility Capacity*	Surplus/Shortage
1	Bella Vista	K-5	413	479	66
2	Cleveland	K-5	397	410	13
3	Franklin	K-5	671	922	251
4	Garfield	K-5	574	747	173
5	Lincoln	K-5	705	779	74
6	Manzanita Community/ Manzanita SEED	K-5	494	1,016	110
7		K-5	412		
8	La Escuelita	K-8	468	542	74
	Total		4,134	4,895	761

K-5 + K-8 surplus = 761 seats

We could support K-5 and K-8 projected enrollment with up to 1 fewer OUSD district-run school.

We could also consolidate 1 shared elementary campus in the region.

Total Reduction up to 2 schools

**Facility capacity includes seats in both temporary and permanent facilities.*

CENTRAL Middle & High

Data subject to change as additional information yields greater accuracy

Capacity Analysis

The table shows the projected # students in 2023, the seat capacity of each school, and the surplus/shortage (calculated by comparing # students with # seats).

#	School Name	Type	Projection	Facility Capacity*	Surplus/Shortage
1	Roosevelt	Middle	506	607**	101

Middle school surplus = 101 seats

#	School Name	Type	Projection	Facility Capacity*	Surplus/Shortage
1	Oakland High	High	1,525	1,432	-93

High school shortage = 93 seats

The current middle school is large enough to support the projected enrollment for the region. Projections for the high school exceed the current facility capacity.

**Facility capacity includes seats in both temporary and permanent facilities.*

***Portables that will be removed in summer 2019 have been subtracted from the total capacity here.*

Total Reduction of 0 schools

EAST Region

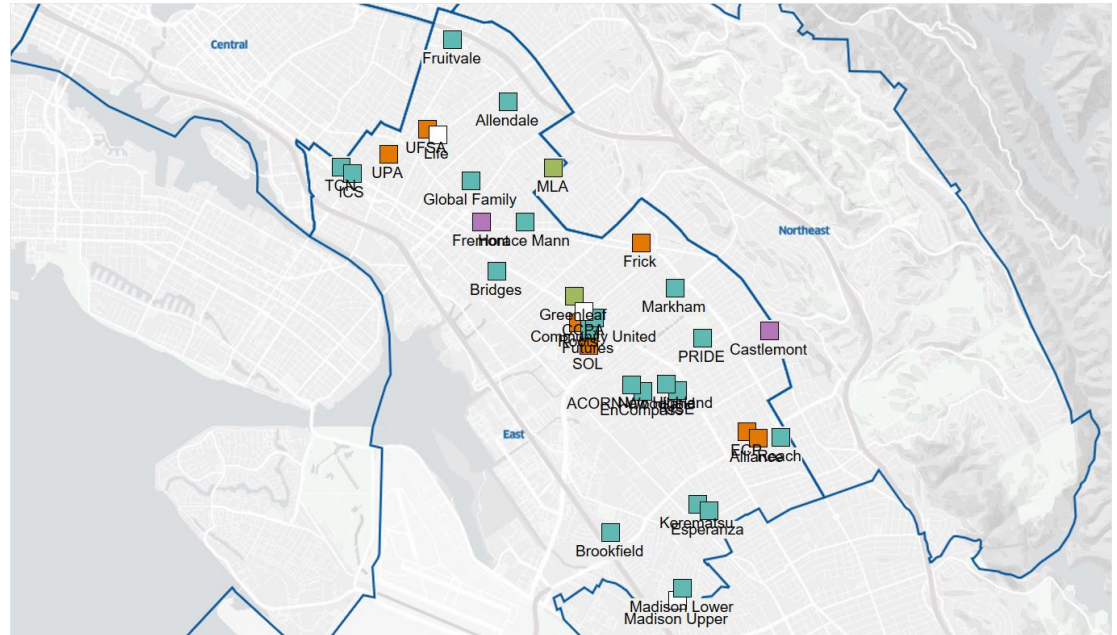
- Elementary
- K-8
- Middle
- 6-12
- Senior

Data subject to change as additional information yields greater accuracy

Capacity Analysis

Currently, the East region has*

- 20 elementary schools
- 2 K-8 schools
- 7 middle schools
- 3 6-12 schools
- 2 high schools



*District-run schools only

EAST Elementary and K-8

Data subject to change as additional information yields greater accuracy

Capacity Analysis

#	School Name	Type	Projection	Facility Capacity*	Surplus/ Shortage
1	Allendale	K-5	365	560	195
2	Bridges	K-5	443	604	161
3	Brookfield	K-5	276	560	284
4	Community United/ Futures	K-5	328	914	311
5		K-5	275		
6	East Oakland PRIDE	K-5	309	574	265
7	Encompass/	K-5	299	806	201
8	ACORN Woodland	K-5	306		
9	Esperanza/	K-5	341	784	90
10	Korematsu	K-5	353		
11	Fruitvale	K-5	387	600	213
12	Global Family/LWL**	K-5	444	595	151
13	Horace Mann	K-5	335	433	98
14	Madison Park	K-5	312	502	190
15	Markham	K-5	316	596	280
16	New Highland/	K-5	343	920	342
17	RISE	K-5	235		
18	Reach/Cox**	K-5	377	625	248
19	Think College Now/	K-5	276	838	309
20	International Community	K-5	253		
21	Greenleaf	K-8	578	456	-122
22	Melrose Leadership	K-8	696	476	-220
	Total		7,847	10,843	2,996

K-5 + K-8 surplus = 2,996 seats

We could support K-5 and K-8 projected enrollment with up to 6 fewer OUSD district-run schools.

We could also consolidate 5 shared campus OUSD elementary schools in the region.

Total Reduction up to 11 schools

*Facility capacity includes seats in both temporary and permanent facilities.
 **Facility capacity excludes seats that used by a co-located charter school at the time of assessment. Co-located charter enrollment not included in projection total.

EAST Middle & 6-12

Data subject to change as additional information yields greater accuracy

Capacity Analysis

#	School Name	Type	Projection	Facility Capacity*	Surplus/Shortage
1	Alliance/	Middle	317	869	188
2	Elmhurst	Middle	364		
3	Frick	Middle	236	676	440
4	Oakland SOL	Middle	225	238	13
5	Roots/	Middle/	324	1097	317
6	CCPA**	6-12	456		
7	United for Success/	Middle/	344	1019	211
8	Life Academy**	6-12	464		
9	Urban Promise	Middle	350	428	78
10	Madison Park Upper	6-12	727	606	-121
	Total		3,807	4,933	1,126

**Note that CCPA and Life are 6-12 gradespan schools that share campuses with middle schools.

**Middle & 6-12 surplus =
1,126 seats**

We could support projected enrollment with up to 2 fewer OUSD district-run middle schools.

We could also consolidate 3 shared campuses.

Total Reduction up to 5 schools

*Facility capacity includes seats in both temporary and permanent facilities.

**Note that CCPA and Life are 6-12 gradespan schools that share campuses with middle schools.

EAST High Schools

Data subject to change as additional information yields greater accuracy

Capacity Analysis

#	School Name	Type	Projection	Facility Capacity*	Surplus/ Shortage
1	Castlemont	High	833	1,603	770
2	Fremont	High	714	1,200**	486
	Total		1,547	2,804	1,257

High School surplus = 1,257 seats

We could support projected enrollment with up to 1 fewer OUSD district-run high school.

Total Reduction up to 1 school

*Facility capacity includes seats in both temporary and permanent facilities.

**The new facility is planned to house 1,200 students so that # is shown here.

NORTHEAST Region

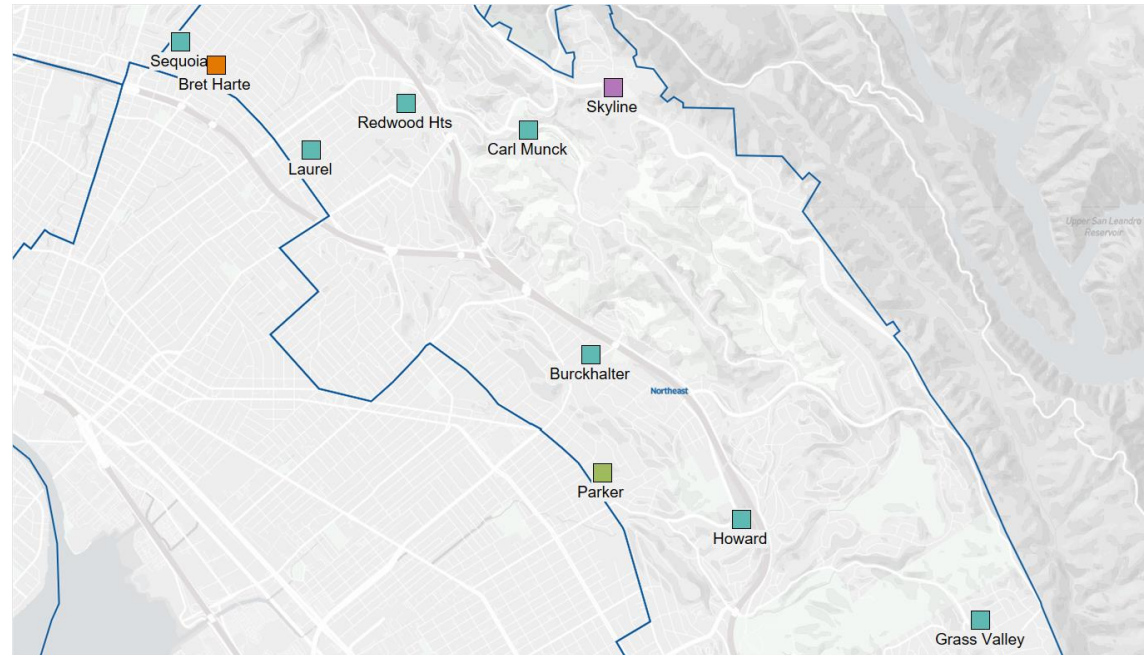


Data subject to change as additional information yields greater accuracy

Capacity Analysis

Currently, the Northeast region has*

- 7 elementary schools
- 1 K-8 school
- 1 middle school
- 1 high school



*District-run schools only

NORTHEAST Elementary & K-8

Data subject to change as additional information yields greater accuracy

Capacity Analysis

#	School	Type	Projection	Facility Capacity*	Surplus/ Shortage
1	Burckhalter	K-5	241	374	133
2	Carl Munck	K-5	188	538	350
3	Grass Valley	K-5	243	467	224
4	Howard	K-5	220	407	187
5	Laurel	K-5	480	561	81
6	Redwood Heights	K-5	325	411	86
7	Sequoia	K-5	444	447	3
8	Parker	K-8	227	479	252
	Total		2,368	3,684	1,316

K-5 + K-8 surplus = 1,316 seats

We could support K-5 and K-8 projected enrollment with up to 3 fewer OUSD district-run schools.

Total Reduction up to 3 schools

*Facility capacity includes seats in both temporary and permanent facilities.

NORTHEAST Middle & High

Data subject to change as additional information yields greater accuracy

Capacity Analysis

Facility capacity is shown below by school type. Five year projections for the region are also shown.

#	School Name	Type	Projection	Facility Capacity*	Surplus/Shortage
1	Bret Harte	Middle	489	863	374

**Middle school surplus =
374 seats**

#	School Name	Type	Projection	Facility Capacity*	Surplus/Shortage
1	Skyline	High	1,687	1,909	222

**High school surplus =
222 seats**

Both the current middle and high schools are large enough to support the projected enrollment for the region.

Total Reduction of 0 schools

*Facility capacity includes seats in both temporary and permanent facilities.

NORTHWEST Region

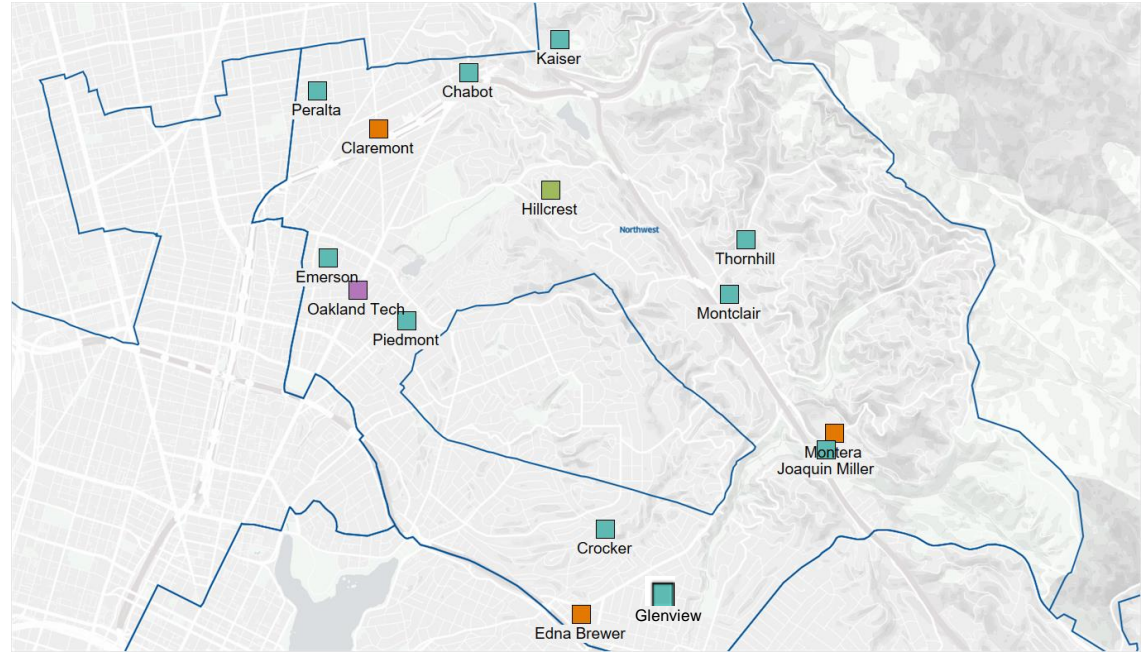


Data subject to change as additional information yields greater accuracy

Capacity Analysis

Currently, the Northwest region has*

- 10 elementary schools
- 1 K-8 school
- 3 middle schools
- 1 high school



*District-run schools only

NORTHWEST Elementary & K-8

Data subject to change as additional information yields greater accuracy

Capacity Analysis

#	School Name	Type	Projection	Facility Capacity*	Surplus/ Shortage
1	Chabot	K-5	540	594	54
2	Crocker Highlands	K-5	441	334	-107
3	Emerson	K-5	324	444	120
4	Glenview**	K-5	489	460	-29
5	Joaquin Miller	K-5	411	470	59
6	Kaiser	K-5	255	283	28
7	Montclair	K-5	691	616	-75
8	Peralta	K-5	301	356	55
9	Piedmont Ave	K-5	312	414	102
10	Thornhill	K-5	385	476	91
11	Hillcrest	K-8	373	352	-21
	Total		4,522	4,799	277

K-5 + K-8 surplus = 277 seats

The current K-5 and K-8 schools have sufficient capacity to support the projected enrollment.

Total Reduction of 0 schools

*Facility capacity includes seats in both temporary and permanent facilities.

**Capacity as estimated for new facility under construction.

NORTHWEST Middle & High

Data subject to change as additional information yields greater accuracy

Capacity Analysis

#	School Name	Type	Projection	Facility Capacity*	Surplus/ Shortage
1	Claremont	Middle	443	471	28
2	Edna Brewer	Middle	789	782	-7
3	Montera	Middle	773	987	214
	Total		2,005	2,240	235

Middle school surplus = 235 seats

#	School Name	Type	Projection	Facility Capacity*	Surplus/ Shortage
1	Oakland Tech	High	1,867	1,991**	124

High school surplus = 124 seats

Both the current middle and high schools are large enough to support the projected enrollment for the region.

Total Reduction of 0 schools

*Facility capacity includes seats in both temporary and permanent facilities.

**Far West campus capacity (216) is included in the total seat capacity for Oakland Tech.

WEST Region

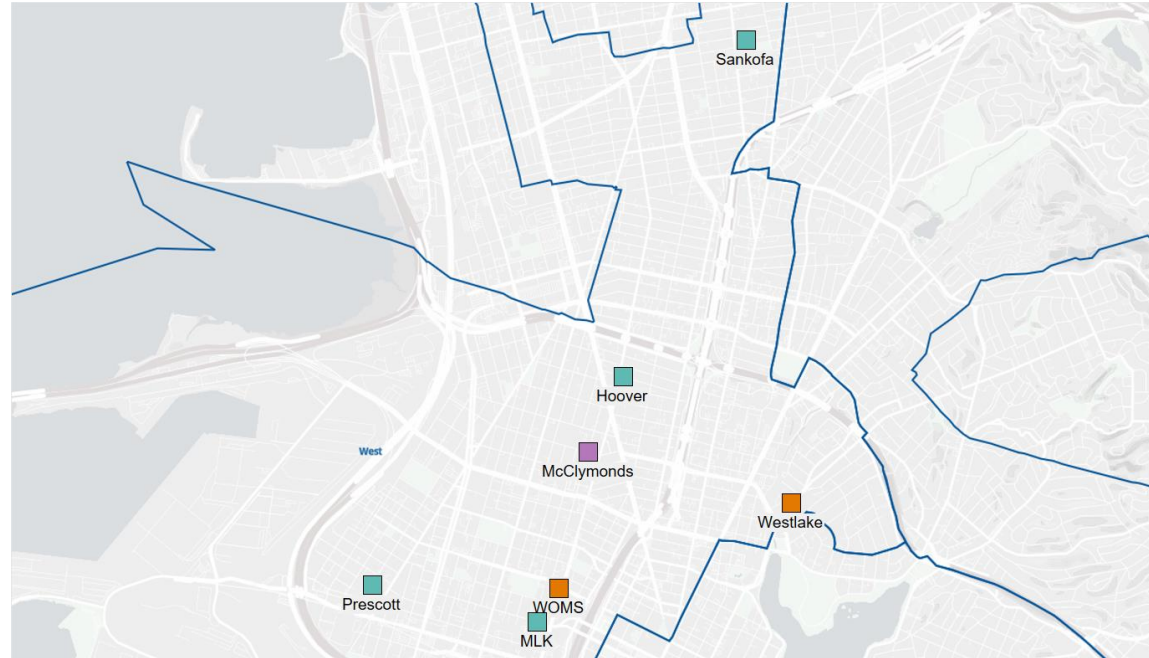
- Elementary
- K-8
- Middle
- 6-12
- Senior

Data subject to change as additional information yields greater accuracy

Capacity Analysis

Currently, the West region has*

- 4 elementary schools**
- 2 middle schools
- 1 high school



**Not counting Lafayette, which will be closed as of school year 19-20.

*District-run schools only

WEST Elementary

Data subject to change as additional information yields greater accuracy

Capacity Analysis

#	School Name	Type	Projection	Facility Capacity*	Surplus/Shortage
1	Hoover	K-5	312	480	168
2	Martin Luther King Jr./Lafayette	K-5 N/A	431	592	161
3	Prescott	K-5	215	470	255
4	Sankofa	K-5	223	336**	113
	Total		1,181	1,878	697

K-5 surplus = 697 seats

We could support projected enrollment with up to 1 fewer OUSD district-run elementary school.

Total Reduction up to 1 school

*Facility capacity includes seats in both temporary and permanent facilities.

**Sankofa portables that will be removed in summer of 2019 are subtracted from the capacity here.

WEST Middle & High

Data subject to change as additional information yields greater accuracy

Capacity Analysis

Facility capacity is shown below by school type. Five year projections for the region are also shown.

#	School Name	Type	Projection	Facility Capacity*	Surplus/ Shortage
1	West Oakland Middle	Middle	176	760	584
2	Westlake	Middle	355	962	607
	Total		531	1,722	1,191

**Middle school surplus =
1,191 seats**

#	School Name	Type	Projection	Facility Capacity*	Surplus/ Shortage
1	McClymonds	High	399	780	381

**High school surplus =
381 seats**

We could support the projected enrollment with up to 1 fewer OUSD district-run middle school. The current high school in the region is large enough to accommodate projected enrollment.

Total Reduction up to 1 school

*Facility capacity includes seats in both temporary and permanent facilities.

Elementary & K-8 Results

Data subject to change as additional information yields greater accuracy

Capacity Analysis

Region	Current # Schools	Minimum # Schools	Change in # Schools
Central	8*	6**	-2
East	22*	11**	-11
Northeast	8	5	-3
Northwest	11	11	0
West	4	3	-1
Total	53	36	-17

We currently have an elementary seat capacity of 26,099 seats, but expect to have only 20,052 OUSD students in 2023.

Elementary/K-8 seat surplus across regions = 6,047

*Currently, 6 pairs of elementary schools share a campus.

**Minimum includes consolidation of shared campuses (5 in East and 1 in Central).

Total Reduction up to 17 schools

Middle & 6-12 Results

Data subject to change as additional information yields greater accuracy

Capacity Analysis

Region	Current # Schools	Minimum # Schools	Change in # Schools
Central	1	1	0
East	10*	5**	-5
Northeast	1	1	0
Northwest	3	3	0
West	2	1	-1
Total	17	11	-6

We currently have a middle school seat capacity of 10,365 seats, but expect to have only 7,338 OUSD students in 2023.

Middle/6-12 seat surplus across regions = 3,027

*Currently 2 pairs of middle/6-12 schools share a campus.

**Reduction includes consolidation of 3 shared campuses.

Total Reduction up to 6 schools

High School Results

Data subject to change as additional information yields greater accuracy

Capacity Analysis

Region	Current # Schools	Minimum # Schools	Change in # Schools
Central	1	1	0
East	2	1	-1
Northeast	1	1	0
Northwest	1	1	0
West	1	1	0
Total	6	5	-1

We currently have a high school seat capacity of 8,915 seats, but expect to have only 7,025 OUSD students in 2023.

High school seat surplus across regions = 1,890

Total Reduction up to 1 schools

Summary of Part 1 Results

Data subject to change as additional information yields greater accuracy

Capacity Analysis

	Elementary & K-8	Middle & 6-12	High	Total
Current	53	17	6	76
Minimum	36	11	5	52
Change	-17	-6	-1	-24

- Results are a **starting point** for determining the absolute minimum number of district-run schools needed to support OUSD students in 5 years.
- This analysis does not tell us *which* or *how many* school campuses to close or consolidate.

Part 2

Location Analysis

Toward a Citywide Map OUSD Location Allocation Analysis

Where are the optimal locations for schools **based on where students LIVE** and how far away are our existing facilities?

Research Assessment & Data (RAD)

Susan Radke

What is a location allocation analysis?

- Used in the public sector to identify the most effective location for public services such as schools, hospitals, and fire stations where an optimal location ensures the greatest and most equitable access to services.
- Used here to determine the *optimal location of school sites* based on the *location of students*.
- Decisions about school consolidations and relocations can be made more effectively if we account for where students live. This will enable us to provide quality school options *closer to home*.

What inputs are needed to build the model?

1. How many school age children will be living in Oakland in 2023?
2. How many of them will attend **district-run** schools?
3. Where will they be living in Oakland in 2023?
4. How many school locations will be optimized?
5. How far should students travel to school?

1. How many school age children will be living in Oakland in 2023?

Location Analysis

- This analysis uses the US Census Bureau projected population 5 year estimates of school age children living in Oakland's 336 census block groups (shown on map) to determine how many OUSD students will be living in Oakland in 2023.



29,534 elementary school-aged children
14,610 middle school-aged children
18,553 high school-aged children

- Additional analyses will be conducted this Fall to determine the impact of new Oakland housing construction on projected 2023 enrollment.

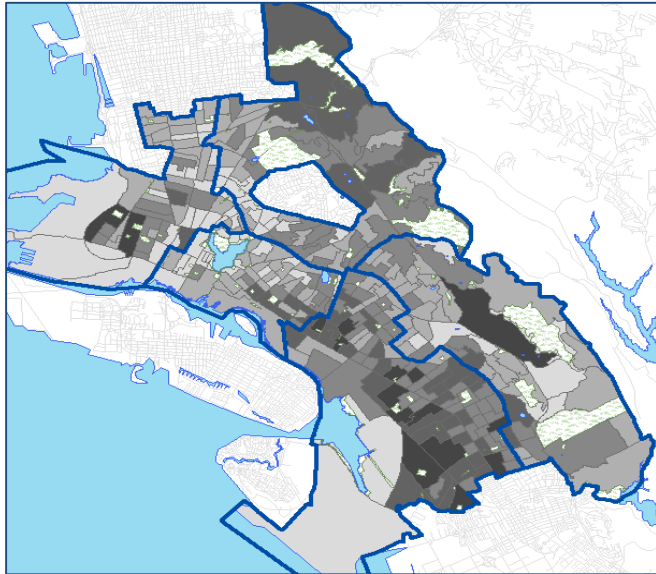
2. How many of Oakland school age children will attend OUSD schools?

	Elementary & K-8	Middle & 6-12	High	Total
Estimated # school age children living in Oakland in 2023	29,534	14,610	18,553	62,697
2017-18 OUSD District-Run Capture Rate	64.6%	48.7%	53.6%	57.6%
Estimated # school age children living in Oakland expected to attend OUSD district-run schools in 2023	19,076	7,111	9,951	36,138

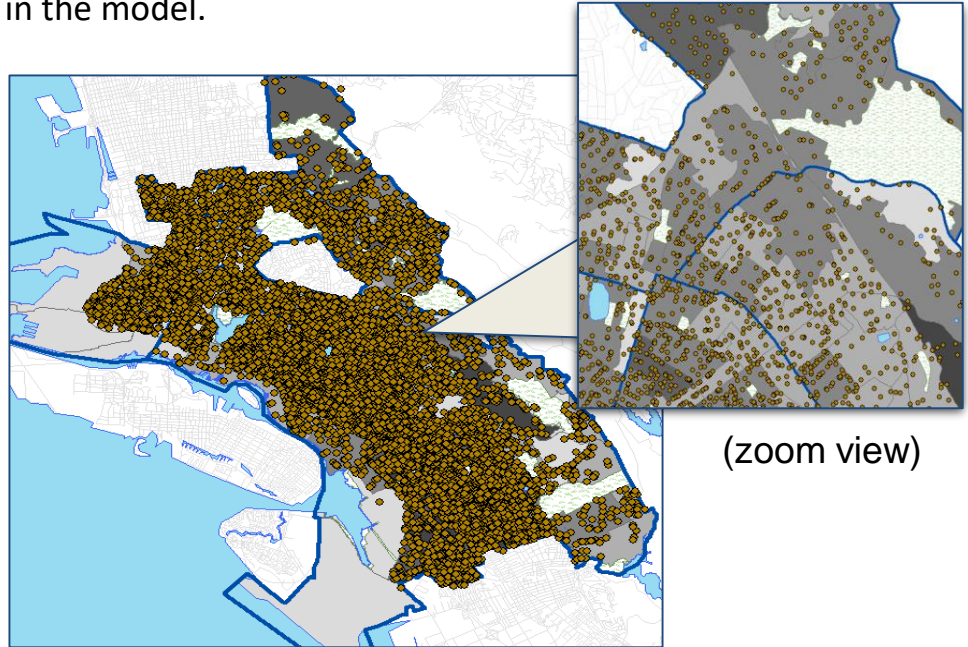
Here, the estimates of the # of OUSD students in 2023 are based on census projections of where students will be living.

3. Where will OUSD students be living in 2023?

Each block group is mapped by its share of projected 2023 OUSD students.



A **random set of points** was generated within each block group to position individual projected students throughout the geographic extent of the block group to mark “demand points” in the model.



4. How many OUSD school locations will be optimized?

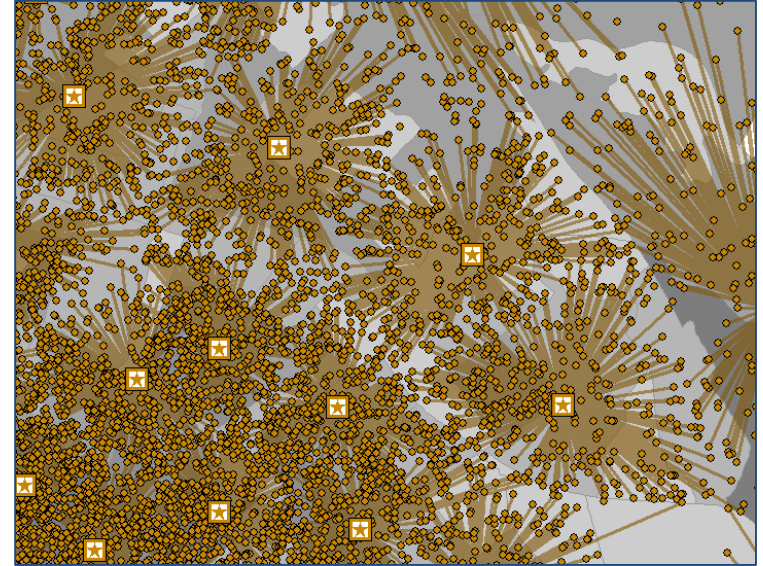
	Elementary & K-8	Middle & 6-12	High	Total
A) Estimated # school age children living in Oakland in 2023	29,534	14,610	18,553	62,697
B) 2017-18 OUSD District-run schools “capture rate”	64.6%	48.7%	53.6%	57.6%
C) Estimated # school age children living in Oakland expected to attend OUSD district-run schools in 2023 <i>(A x B)</i>	19,076	7,111	9,951	36,138
D) # students allocated per school	502	771	1,518	n/a
E) # school locations to optimize* <i>(C / D)</i>	38	9	6	53

**Assuming each elementary school is allocated 502 students; each middle school is allocated 771 students; each high school is allocated 1,518 students. The final number of schools needed will change based on the actual capacity of existing school sites.*

5. How far should students travel to school?

The model starts off with a “clean slate” assuming there are no schools yet in Oakland.

- The distance that is selected forms a boundary around each school location, and students within that boundary are allocated to that school.
- The maximum distances used were
 - 1.5 miles for elementary and K-8
 - 2 miles for middle schools and 6-12
 - 3 miles for high schools
- Fewer schools will mean bigger attendance areas.



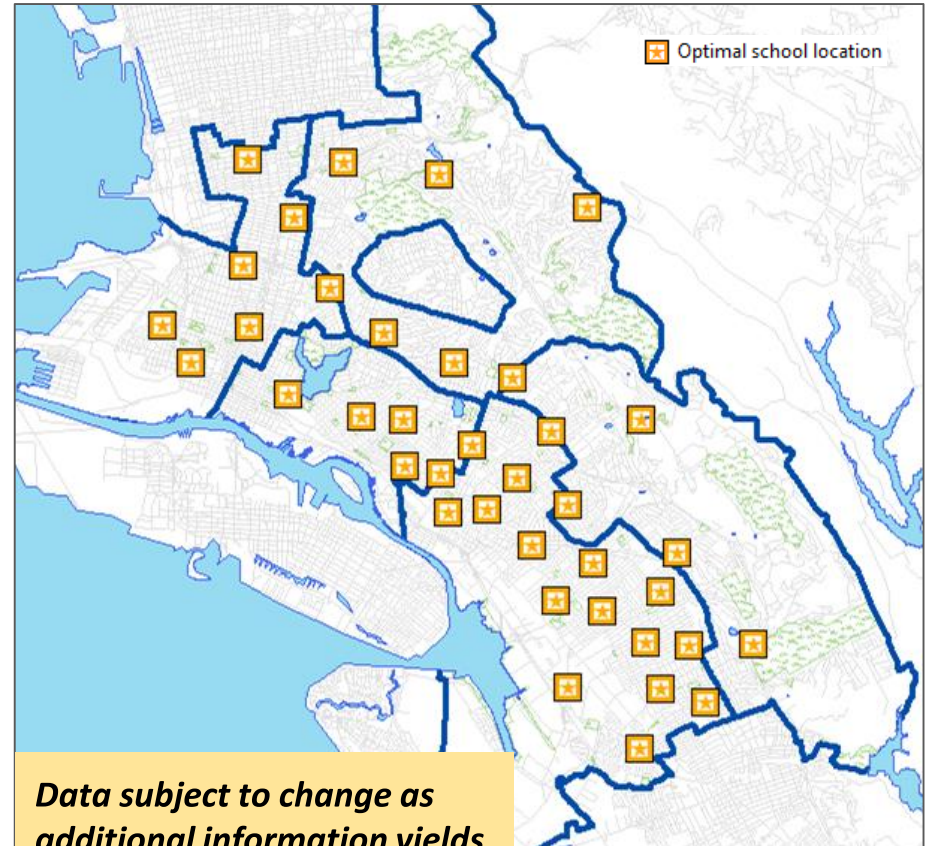
Excludes students attending citywide schools and students living outside Oakland.

Preliminary Outputs: optimal OUSD elementary school locations

Location Analysis

Inputs:

- 19,079 district-run elementary students expected in 2023 using a capture rate of 64.6%
- 502 elementary students per school*
- 1.5 mile maximum distance traveled
- 38 elementary schools (19,079/502) placed



Data subject to change as additional information yields greater accuracy

**The maximum number of students allocated to each school was based on the median of seat capacity for OUSD schools in that gradespan.*

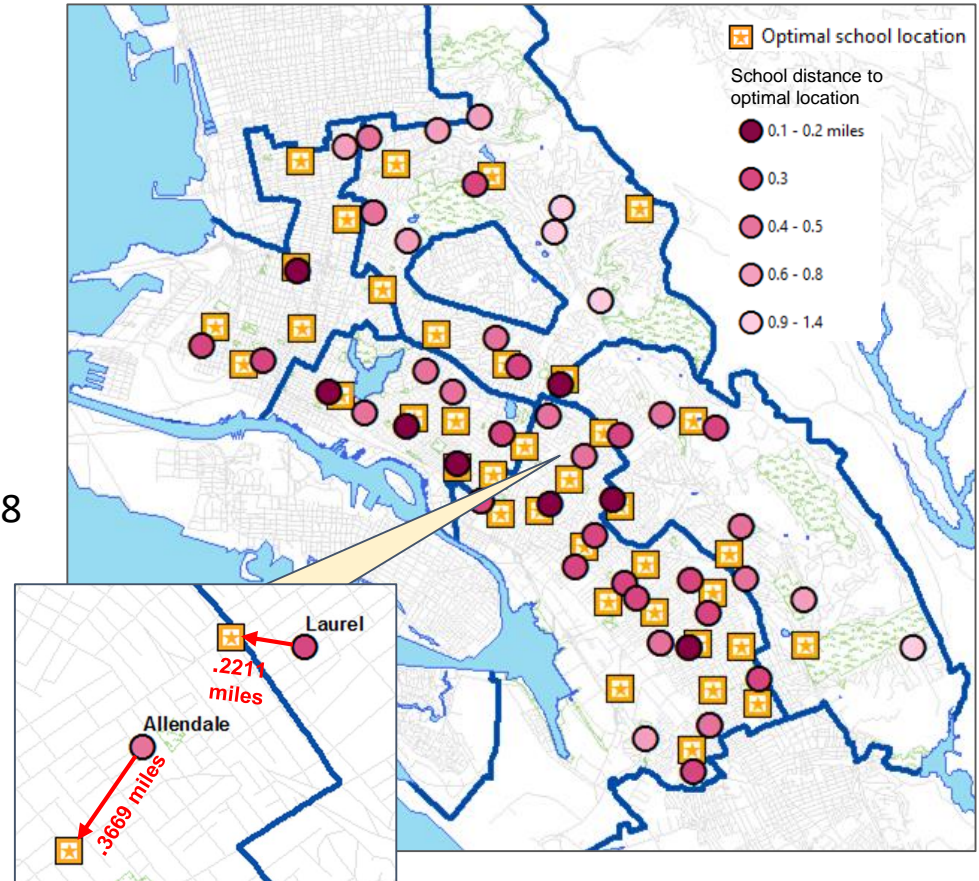
Preliminary Outputs: optimal OUSD elementary school locations

Location Analysis

Distance was measured along Oakland street network between current existing school facilities and closest optimal school location(s).

Average distance of all current elementary/K-8 schools to closest optimal elementary school locations: **0.4004 miles**

Data subject to change as additional information yields greater accuracy



Distance to Optimal OUSD elementary school locations - CENTRAL Region

Location Analysis

SRA Region	School	Distance (Miles)
Central	Bella Vista	0.4394
Central	Cleveland	0.4819
Central	Franklin	0.1412
Central	Garfield	0.0555
Central	La Escuelita	0.3986
Central	Lincoln	0.1406
Central	Manzanita Community/ Manzanita SEED	0.3046
CENTRAL	Elementary (average)	0.2803

Data subject to change as additional information yields greater accuracy

Distance to Optimal OUSD elementary school locations - EAST Region

Location Analysis

SRA Region	School	Distance (Miles)
East	ACORN Woodland/ EnCompass	0.5015
East	Allendale	0.3570
East	Bridges	0.4396
East	Brookfield	0.6082
East	Community United/ Futures	0.3186
East	East Oakland PRIDE	0.2533
East	Fruitvale	0.2658
East	Global Family	0.1761
East	Greenleaf K-8	0.0916

SRA Region	School	Distance (Miles)
East	Horace Mann	0.1049
East	Int'l Community/ Think College Now	0.2693
East	Korematsu/Esperanza	0.3902
East	Madison Park Lower	0.2961
East	Markham	0.2042
East	Melrose Leadership K-8*	0.4227
East	New Highland/ RISE	0.2680
East	Reach	0.2747
EAST	Elementary (average)	0.3084

*Melrose Leadership is a specialized dual language immersion school and currently has a citywide attendance area.

Data subject to change as additional information yields greater accuracy

Distance to Optimal OUSD elementary school locations - NORTHEAST Region

Location Analysis

SRA Region	School	Distance (Miles)
Northeast	Burckhalter	0.5793
Northeast	Carl Munck	0.4203
Northeast	Grass Valley	1.6339
Northeast	Howard	0.0799
Northeast	Laurel	0.4505
Northeast	Parker	0.3321
Northeast	Redwood Heights	0.3156
Northeast	Sequoia	0.2738
NORTHEAST	Elementary (average)	0.5107

Data subject to change as additional information yields greater accuracy

Distance to Optimal OUSD elementary school locations - NORTHWEST Region

Location Analysis

SRA Region	School	Distance (Miles)
Northwest	Chabot	0.9046
Northwest	Crocker Highlands	0.3791
Northwest	Emerson	0.2192
Northwest	Glenview Elementary	0.1349
Northwest	Hillcrest	1.0908
Northwest	Joaquin Miller	0.9591
Northwest	Kaiser	1.4835
Northwest	Montclair	0.1515
Northwest	Peralta	0.2990
Northwest	Piedmont	0.4087
Northwest	Thornhill	0.3726
NORTHWEST	Elementary (average)	0.5821

Data subject to change as additional information yields greater accuracy

Distance to Optimal OUSD elementary school locations - WEST Region

Location Analysis

SRA Region	School	Distance (Miles)
West	Hoover	0.1123
West	Martin Luther King	0.2617
West	Prescott	0.3095
West	Sankofa	0.4419
WEST	Elementary (average)	0.2813
<i>All Regions</i>	<i>Elementary (average)</i>	<i>0.4004</i>

Data subject to change as additional information yields greater accuracy

Preliminary Outputs: optimal OUSD middle school locations

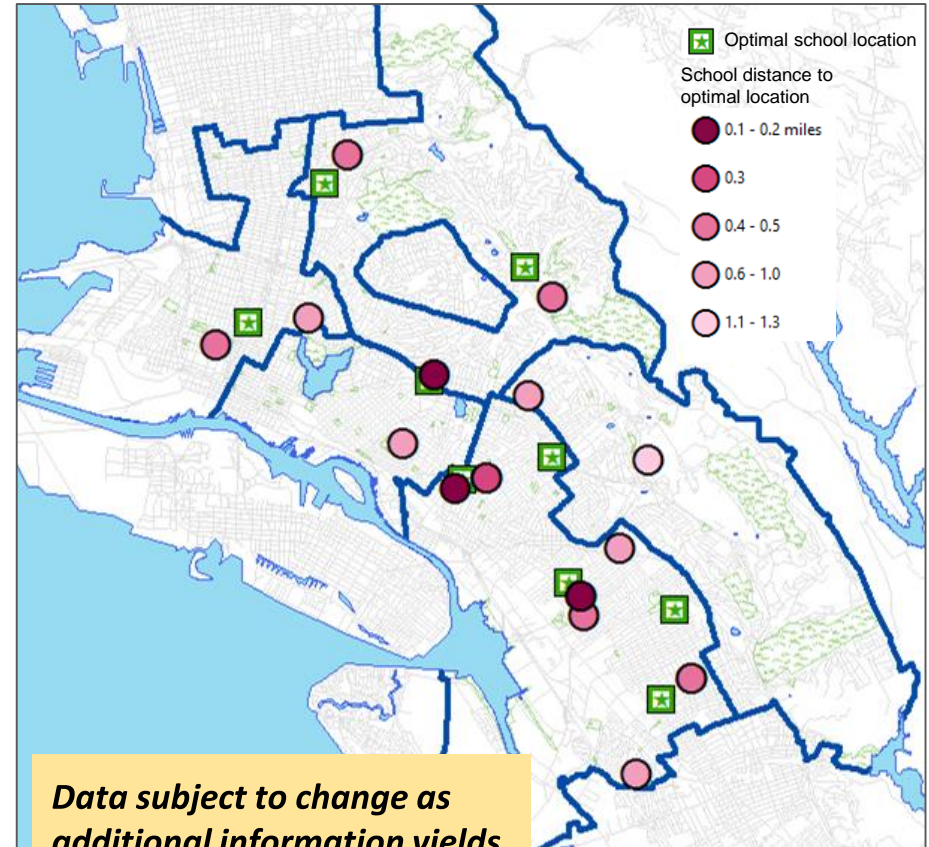
Location Analysis

Inputs:

- 7,115 district-run middle school students expected in 2023 using a capture rate of 48.6%
- 771 middle school students per school*
- 2 mile maximum distance traveled
- 9 middle schools (7,115/771) placed

Average distance of all current middle/6-12 schools to closest optimal middle school locations: **0.5570 miles**

**The maximum number of students allocated to each school was based on the median of seat capacity for OUSD schools in that gradespan.*



Data subject to change as additional information yields greater accuracy

Distance to Optimal OUSD middle school locations

Location Analysis

SRA Region	School	Distance (Miles)
Central	Roosevelt Middle School	0.8942
East	Alliance Academy/ Elmhurst Community Prep	0.5134
East	Frick Impact Academy	0.8178
East	Madison Park Academy 6-12	1.0329
East	Oakland School of Languages	0.4716
East	Roots International Academy/ Coliseum College Prep Academy	0.2273
East	United for Success Academy/ Life Academy	0.3376
East	Urban Promise Academy	0.1285
East	Middle school (average)	0.5042

SRA Region	School	Distance (Miles)
Northeast	Bret Harte	0.8764
Northwest	Claremont	0.4947
Northwest	Edna Brewer	0.1248
Northwest	Montera	0.5455
Northwest	Middle school (average)	0.3883
West	West Oakland Middle	0.5105
West	Westlake	0.8227
West	Middle school (average)	0.6666
All Regions	Middle school (average)	0.5570

Data subject to change as additional information yields greater accuracy

Preliminary Outputs: optimal OUSD high school locations

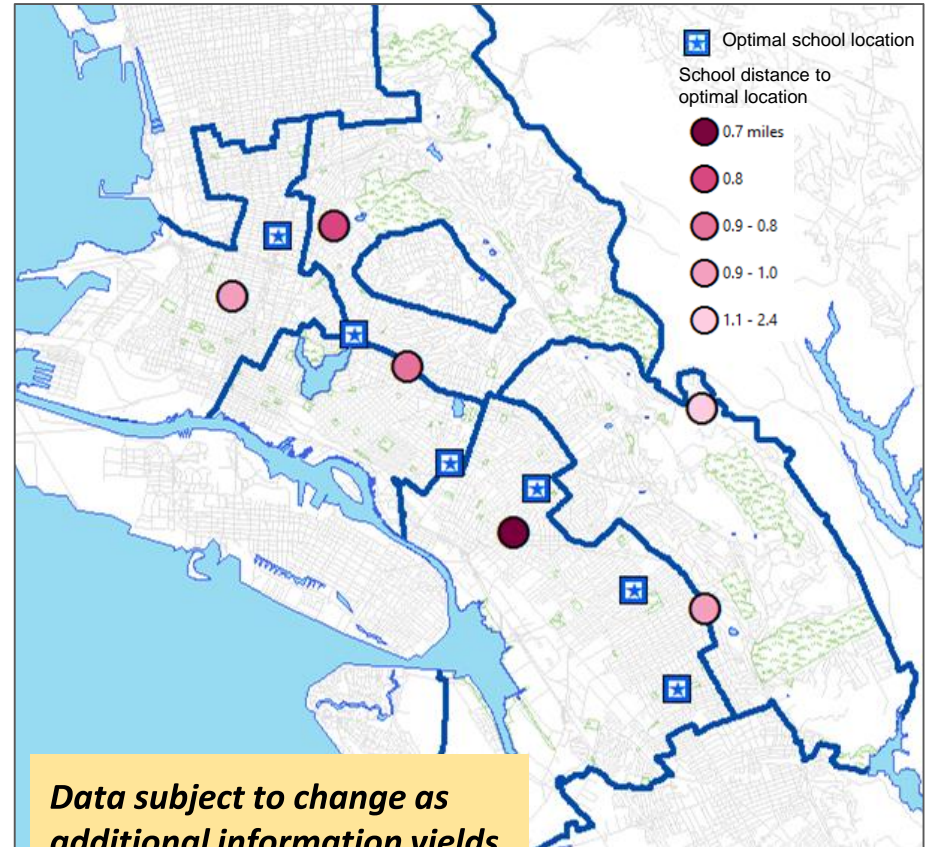
Location Analysis

Inputs:

- 9,951 district-run high school students expected in 2023 using a capture rate of 53.6%
- 1,518 high school students per school*
- 3 mile maximum distance traveled
- 6 high schools (9,951/1,518) placed

Average distance of all current high schools to closest optimal high school locations: **1.1165 miles**

**The maximum number of students allocated to each school was based on the median of seat capacity for OUSD schools in that gradespan.*



Data subject to change as additional information yields greater accuracy

Distance to Optimal OUSD high school locations

SRA Region	School	Distance (Miles)
Central	Oakland High	0.8246
East	Castlemont	0.9932
East	Fremont	0.6651
East	High school (average)	0.8291
Northeast	Skyline	2.4411
Northwest	Oakland Tech	0.7667
West	McClymonds	1.0087
<i>All Regions</i>	<i>High school (average)</i>	<i>1.1166</i>

Data subject to change as additional information yields greater accuracy

Main Take-Aways from the Two Analyses

Capacity Analysis

- We need **fewer schools** based on how many students will go to our schools.
- Our largest surplus of seats is in the East Region and in Elementary school seats.

Location Analysis

- Most OUSD school facilities are already close to an optimal location, giving us **many options** to utilize current facilities and inform the Citywide Map.
- The average distance between current OUSD schools and an optimal location based on where students will be living is only 0.4 miles for elementary, 0.5 miles for middle, and 1.1 miles for high schools.

Next Steps for the Citywide Map Analyses

- Add **impact of new Oakland housing** to location analysis to ensure we have schools where we need them.
- Consider **where to house**: alternative schools, OUSD pre-K, specialized programs and schools (e.g., dual language, MetWest), central office, and charter programs.
 - Identify ways to **expand access to high quality** programs, especially in historically underserved communities.
- Reconfigure **attendance boundaries** and feeder patterns across grade levels.
- Identify **surplus properties** that can be used for revenue generation, and for consideration in the upcoming 7-11 committee.
- Collaboratively create a database of OUSD campus facility information.
- **Quality** programs in every neighborhood.



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APPENDIX

Appendix A

Capacity Analysis

Results from Part 1

The following slides show additional information regarding the analysis presented in Part 1 - Capacity Analysis.

Enrollment projection methodology

- The long-term enrollment projections at the school level ('Go' projections) that were used in the capacity analysis were provided by Cooperative Strategies in 17-18.
- These 5 year projections are based on historical census day data and were calculated by applying the cohort survival methodology.
- The cohort survival methodology uses historic birth data and historic student enrollment to track how student counts increase or decrease as they move through grades.
- Any of these factors could cause a significant change in long term student enrollment:
 - Boundary adjustments
 - District school openings/closures
 - Charter/private school opening or closure
 - Housing development
 - Changes in program offerings
 - Changes in grade configuration

How was seat capacity measured?

For each instructional room, Jacobs multiplied the 1) maximum # of students that could be assigned to a room,* by 2) an adjustment factor for grade-level scheduling,** and 3) a room size factor.***

$$\text{Room factored capacity} = \text{max \# students} \times \text{scheduling factor} \times \text{size factor}$$

The campus capacity was then calculated by then summing the factored capacity for all instructional rooms on a campus. Note that for campuses with smaller classrooms, this measure of seat capacity will underestimate potential use.

***Maximum #s of students** that could be assigned to an instructional room. A value of 0 was used for auditoriums, dining halls, storage rooms, administrative rooms, or community-use rooms.

****Scheduling factors** were 95% for elementaries, 92% for K-8 schools, 85% for middle schools, and 75% for high schools (in most cases).

*****Size factors** were set to the proportional size of each classroom relative to its target size for educational adequacy (as defined by Jacobs) only when the size of an instructional room fell below 85% of the target. Otherwise it was set to 1.

Campus assessments were completed in 2017 by Jacobs.

Appendix B

Location Analysis

Additional Information from Part 2

The following slides show additional information regarding the analysis presented in Part 2 - Location Analysis.

How many of Oakland school age children will attend public schools?

Location Analysis

- Block group counts are prorated by current capture rates of school age children in OUSD schools to determine how many Oakland children are expected to attend OUSD schools in 2023.

Elementary school example:

- Current TK/K-5 Oakland public school capture rate (district-run & charter): **84.8%**
- Current TK/K-5 OUSD capture rate (district-run): **64.6%**
- Estimated number of elementary age children living in Oakland in 2023: **29,534**
- Number of elementary school age children expected to attend OUSD schools in 2023: 19,079** (29,534 * 64.6%)

2017 Population	2017-18 District-Run students	2017-18 Charter students	2017-18 Total students in Oakland Public Schools	2017 Total school age children in Oakland	2017 Not in Oakland Public Schools	2017-18 Public School Capture Rate	2017-18 OUSD-DR Capture Rate	2017-18 CHARTER Capture Rate
#Students 2017-18	36,900	15,977	52,877					
Living in Oakland	36,241	14,029	50,270	62,737	12,467	80.1%	57.8%*	22.4%
K-5 (5-10yrs)	19,524	6,117	25,641	30,228	4,826	84.8%	64.6%	20.2%
6-8 (11-13yrs)	7,054	3,948	11,002	14,493	3,563	75.9%	48.7%	27.2%
9-12 (14-17yrs)	9,663	3,964	13,627	18,016	4,497	75.6%	53.6%	22.0%
TOTAL	36,241	14,029	50,270	62,737	12,467	80.1%	57.8%	22.4%

Total district wide capture rate is slightly higher here due to inclusion of students whose Oakland address could not be geolocated into any of the 5 SRA regions. 61

Timeline for Blueprint for Quality Schools

2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Cohort 1 School Selection	Planning	Implementation	ONGOING SUPPORTS		
	Cohort 2 School Selection	Planning	Implementation		
		Cohort 3 School Selection	Planning	Implementation	
			Cohort 4 School Selection	Planning	Implementation

City Wide Map Approved in 2019:
Will identify all school changes needed by 2023