

Canutillo ISD

FACILITIES MASTER PLAN | COMMUNITY DIALOGUE #1



deJONG
RICHTER JACOBS

Presented January 13, 2016

Welcome | Shane Griffith, CISD Public Information

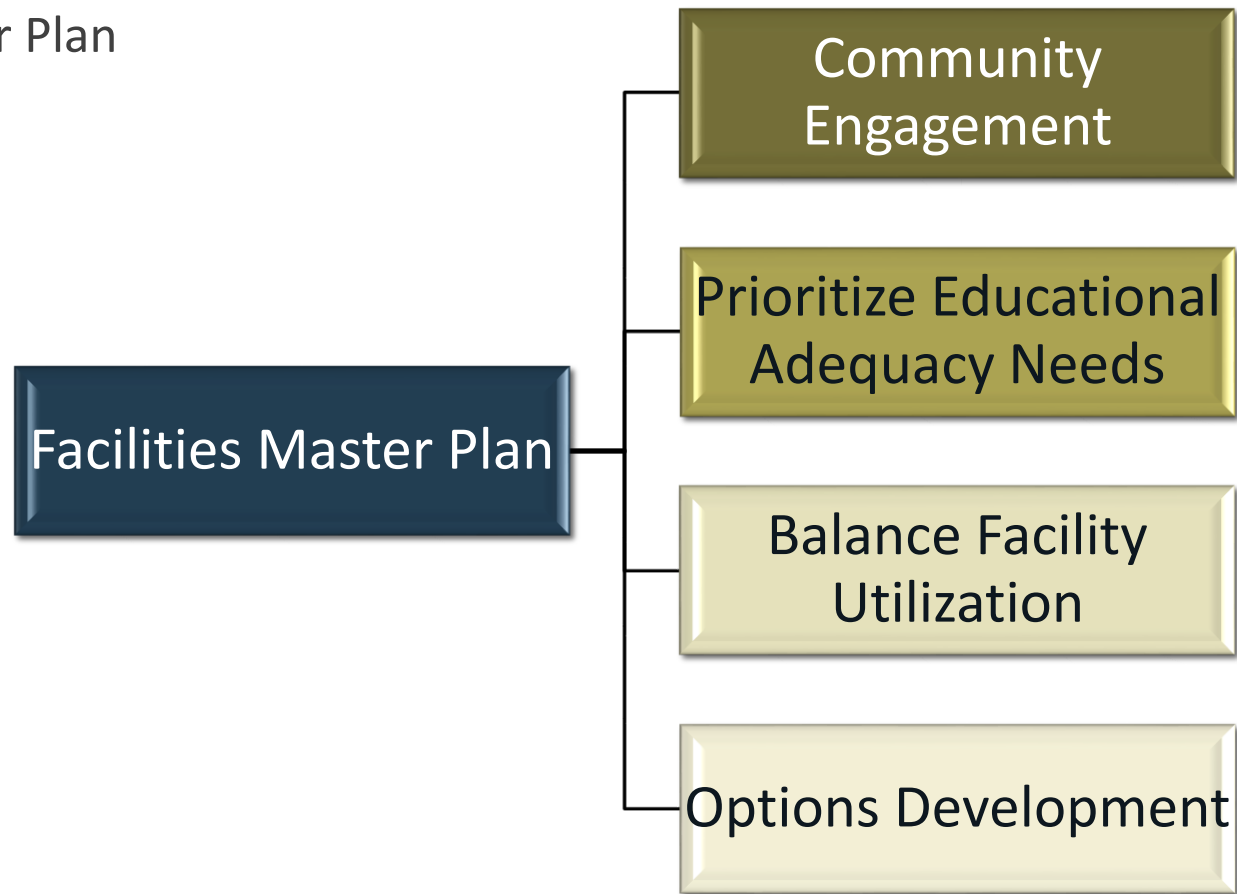
Paul Mills – Jacobs Engineering

David Sturtz – DeJONG-RICHTER



Facilities Master Plan | DeJONG-RICHTER

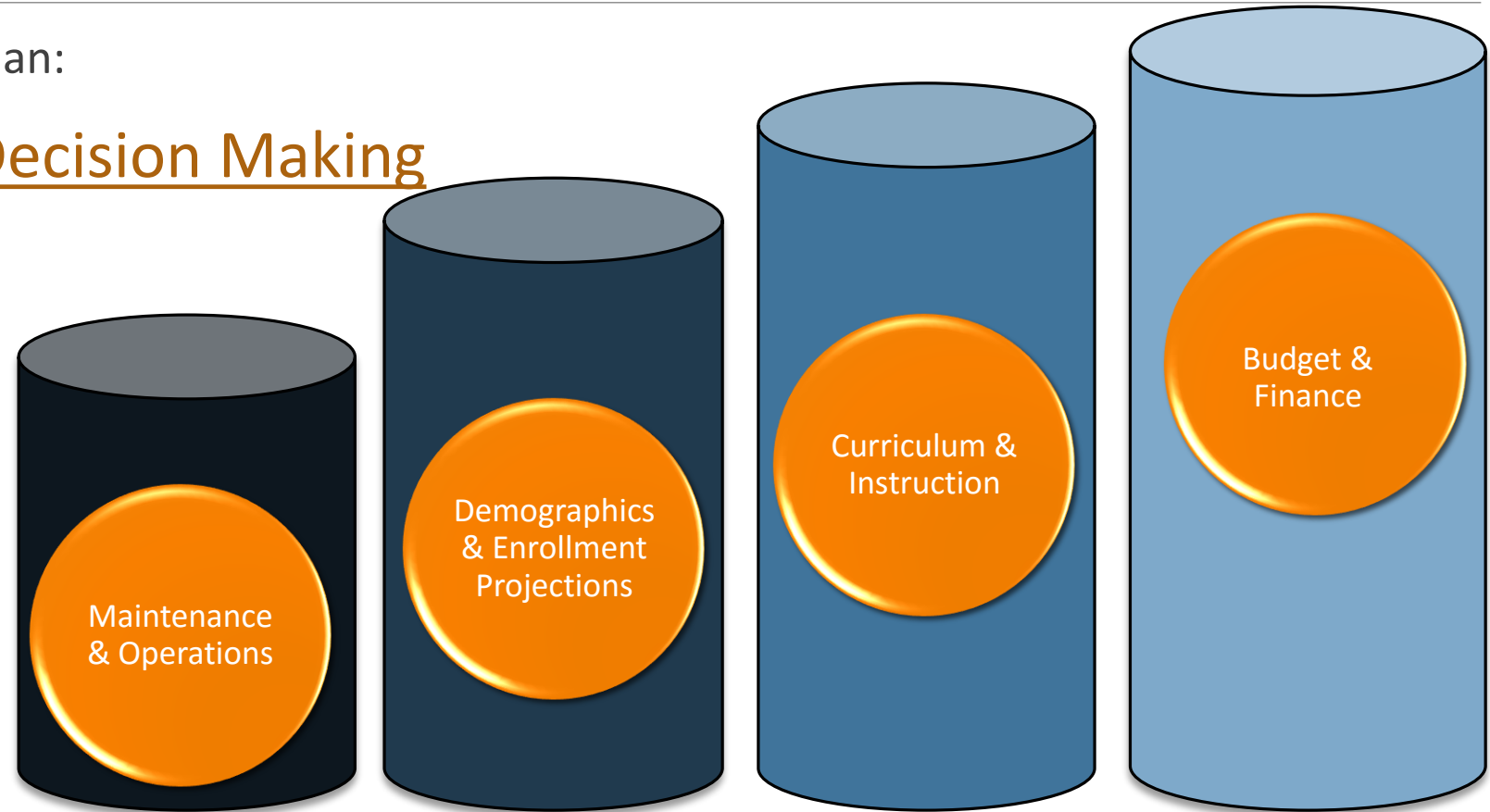
The Facilities Master Plan



Facilities Master Plan

The Facilities Master Plan:

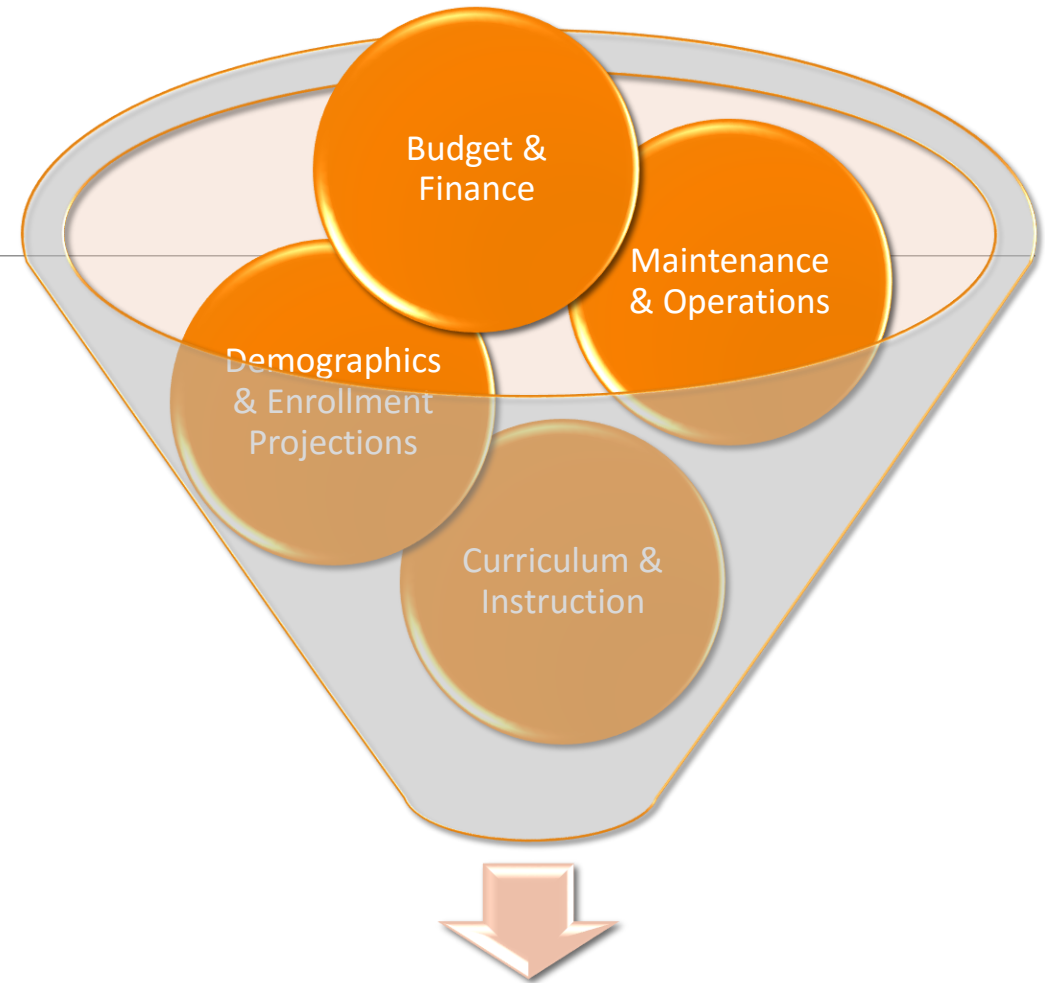
Typical Silos of Decision Making



Facilities Master Plan

The Facilities Master Plan:

Considers all relevant types of data
simultaneously



Facilities Master Plan



Facilities Master Plan

The Facilities Master Plan:

Challenges to a Master Plan

**Terrible
T's**

**Trust
Turf
Tradition
Time
Transparency
Taxes**



Facilities Master Plan | Defining Roles

CISD Leadership

- Provide executive oversight

Jacobs Engineering

- Project lead & facilities assessments

DeJONG-RICHTER

- Direct community engagement and options development

Steering Committee

- Advise CISD, Jacobs and DeJONG-RICHTER

The Community

- Provide feedback to the whole project team on options development



Facilities Master Plan | Timeline

Meeting	Date	Time	Location
Futures Conference	October 21, 2015	10:00 a.m. — 3:30 p.m.	Administration Building
Steering Committee #1	December 1, 2015	6: 00 p.m. — 8:00 p.m.	Administration Building
Steering Committee #2	December 3, 2015	6: 00 p.m. — 8:00 p.m.	Administration Building
Community Dialogue #1	January 13, 2016	6: 00 p.m. — 8:00 p.m.	Canutillo HS
Options Development	January 27, 2016	8:00 a.m. — 5:00 p.m.	Administration Building
Steering Committee #3	February 13, 2016	6: 00 p.m. — 8:00 p.m.	Administration Building
Community Dialogue #2	February 25, 2016	6: 00 p.m. — 8:00 p.m.	Canutillo HS
Internal Work Sessions - Recommendations	March 17, 2016	8:00 a.m. — 5:00 p.m.	Administration Building
Steering Committee #4	March 31, 2016	6: 00 p.m. — 8:00 p.m.	Administration Building
Board Presentation	April 7, 2016	6: 00 p.m. — 8:00 p.m.	Administration Building



Background Report | Enrollment History

	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	Percent Growth Since 2006-07
EE	55	9	30	44	33	26	32	31	18	15	
PK	271	216	227	235	235	224	234	211	221	283	4%
K	376	401	363	399	411	428	433	436	409	427	14%
1	422	414	439	381	425	416	441	434	434	415	-2%
2	402	437	415	452	401	413	414	446	406	425	6%
3	405	412	452	426	458	414	433	414	440	412	2%
4	426	410	409	449	441	467	406	431	402	441	4%
5	421	438	427	424	440	441	467	403	425	397	-6%
6	390	402	442	424	418	434	427	437	372	400	3%
7	428	398	417	443	441	429	452	426	434	376	-12%
8	461	447	420	430	460	458	436	472	409	432	-6%
9	522	567	557	569	538	544	515	503	529	544	4%
10	377	404	441	441	455	487	511	471	471	506	34%
11	346	371	379	367	420	421	446	465	469	448	29%
12	227	313	327	383	391	429	421	421	452	464	104%
District-Wide Total	5,529	5,639	5,745	5,867	5,967	6,031	6,068	6,001	5,891	5,985	8%

Higher enrollment

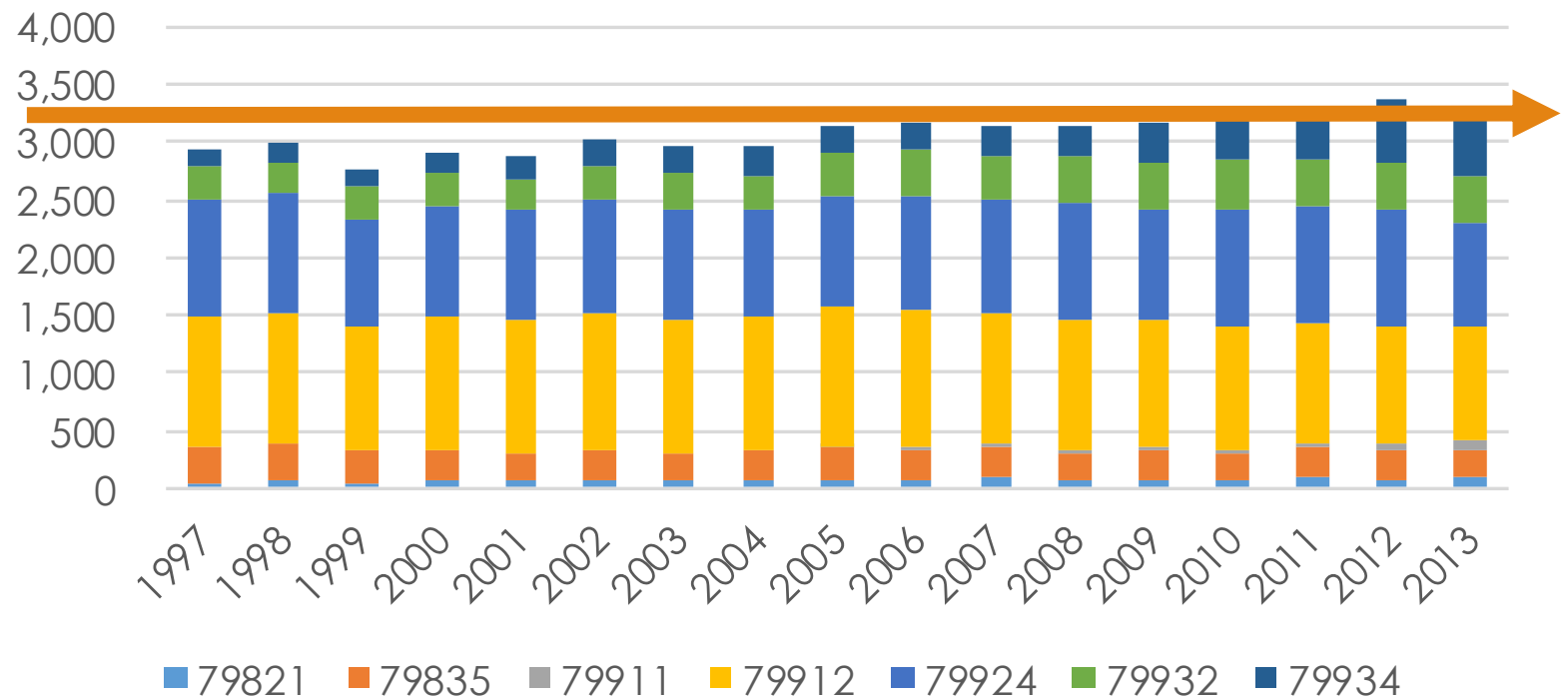
Lower enrollment



Background Report | Area Births

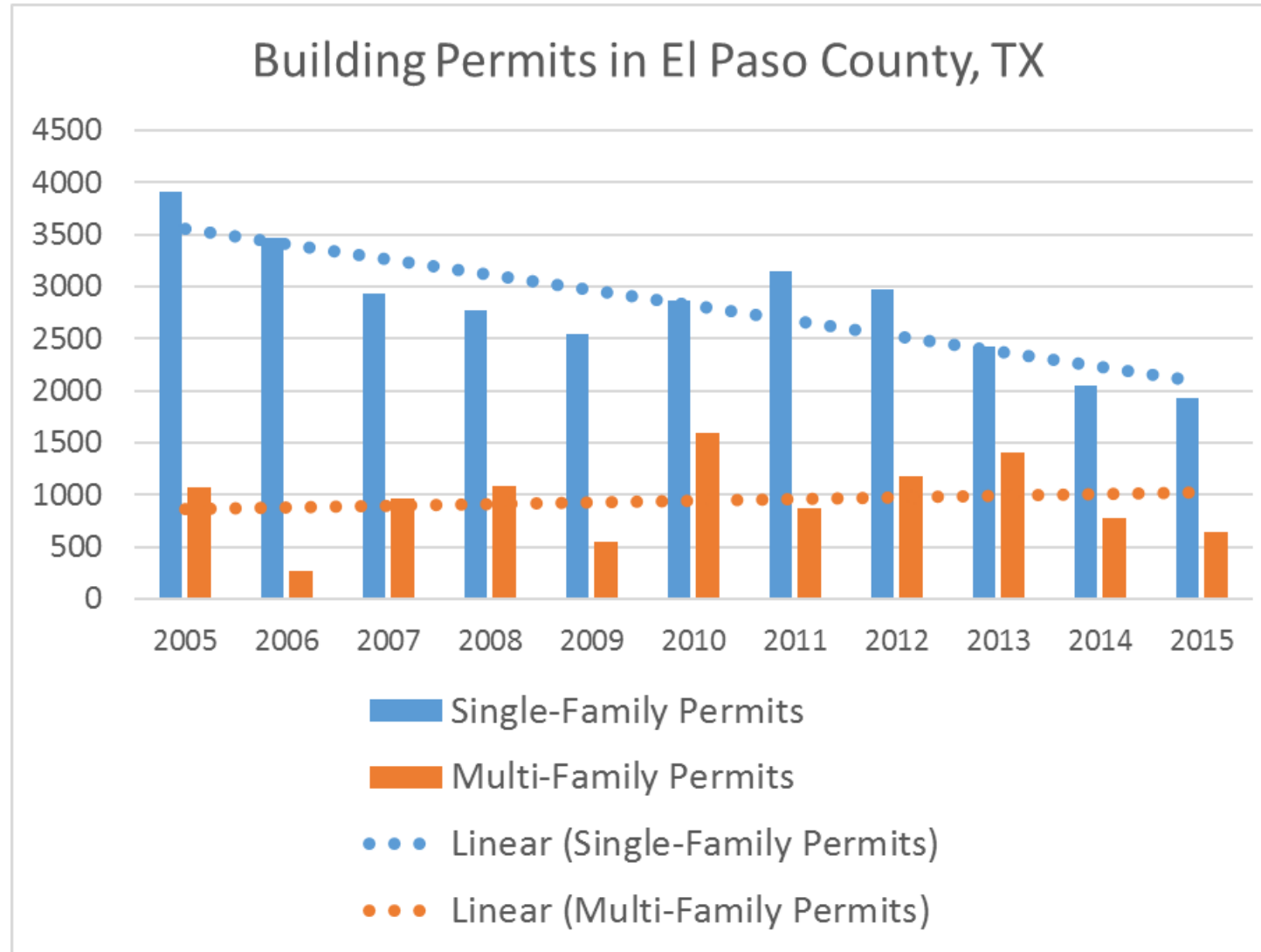
Local
Demographics:
**Flat birthrates
since 1997**

**Canutillo ISD
Live Birth Counts by Zip Code**



Background Report | Building Permits

Local
Demographics:
**Single-family
permits have
declined and
multi-family
permits have
been flat**

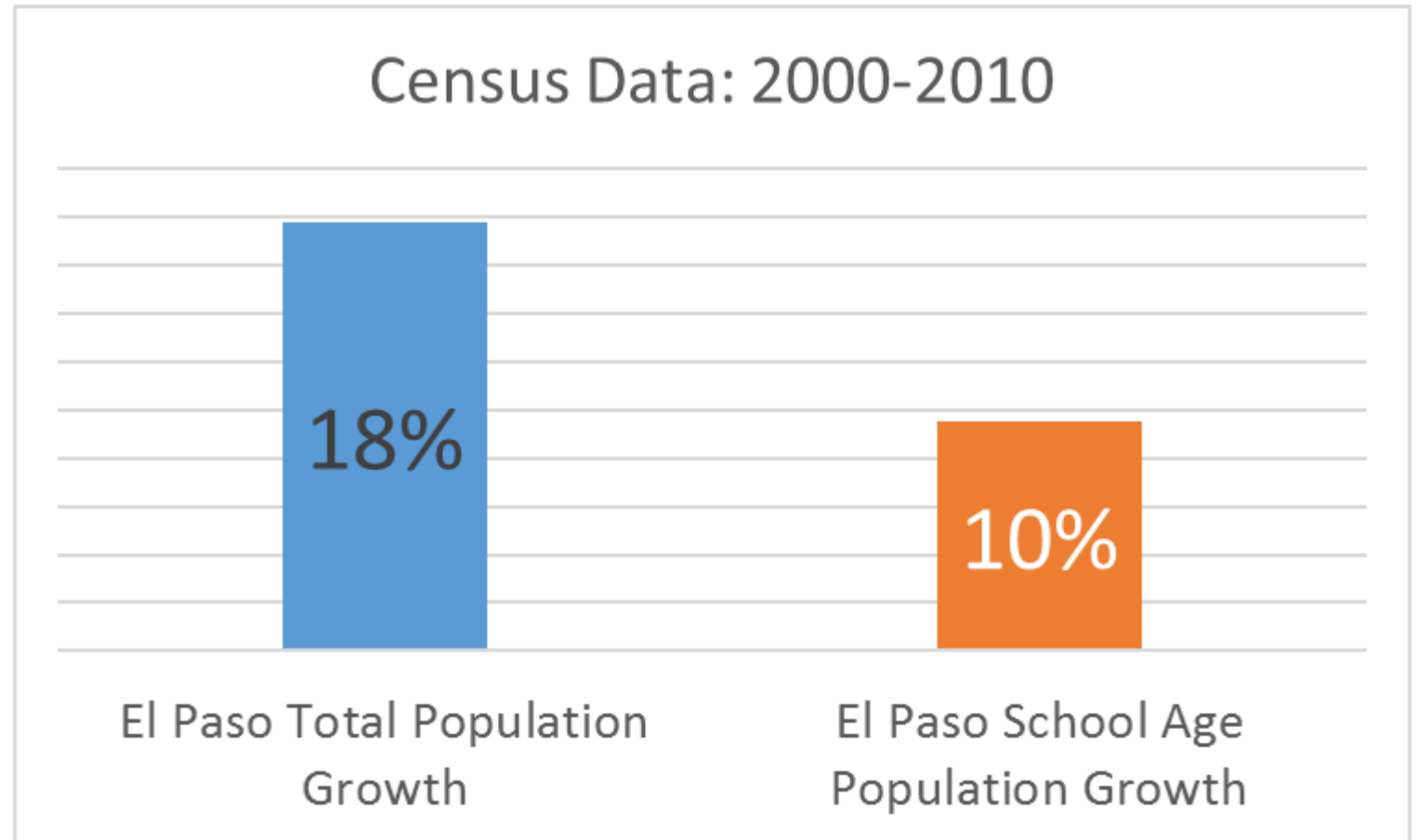


Presented January 13, 2016



Background Report | Area Census Data

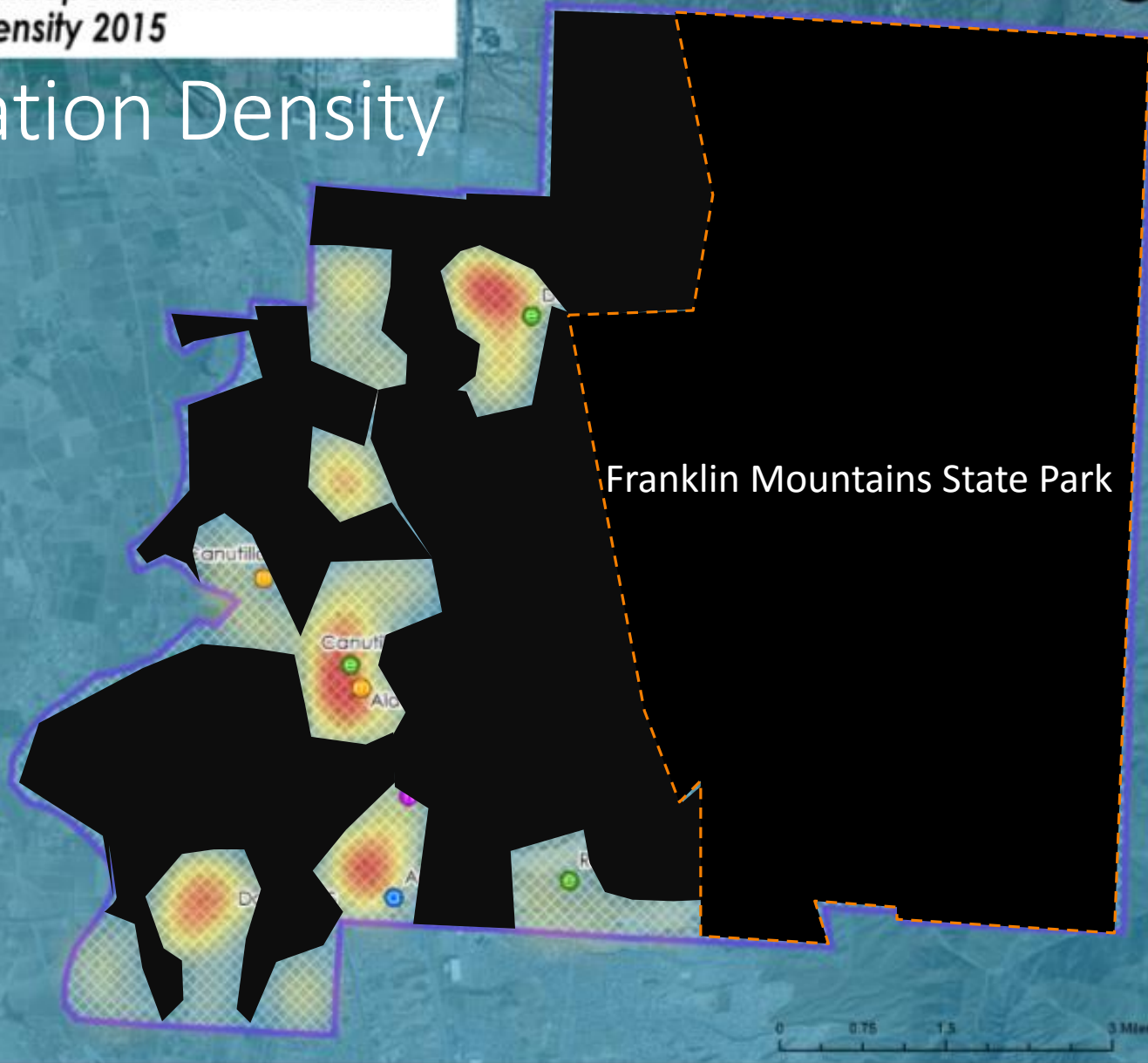
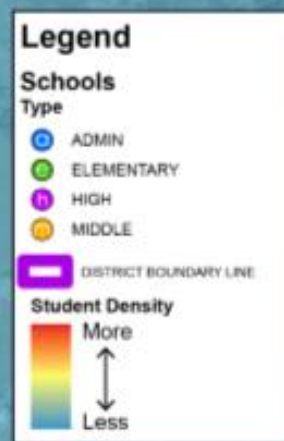
Local
Demographics:
**Overall El Paso
population
growth has
outpaced student
population
growth**



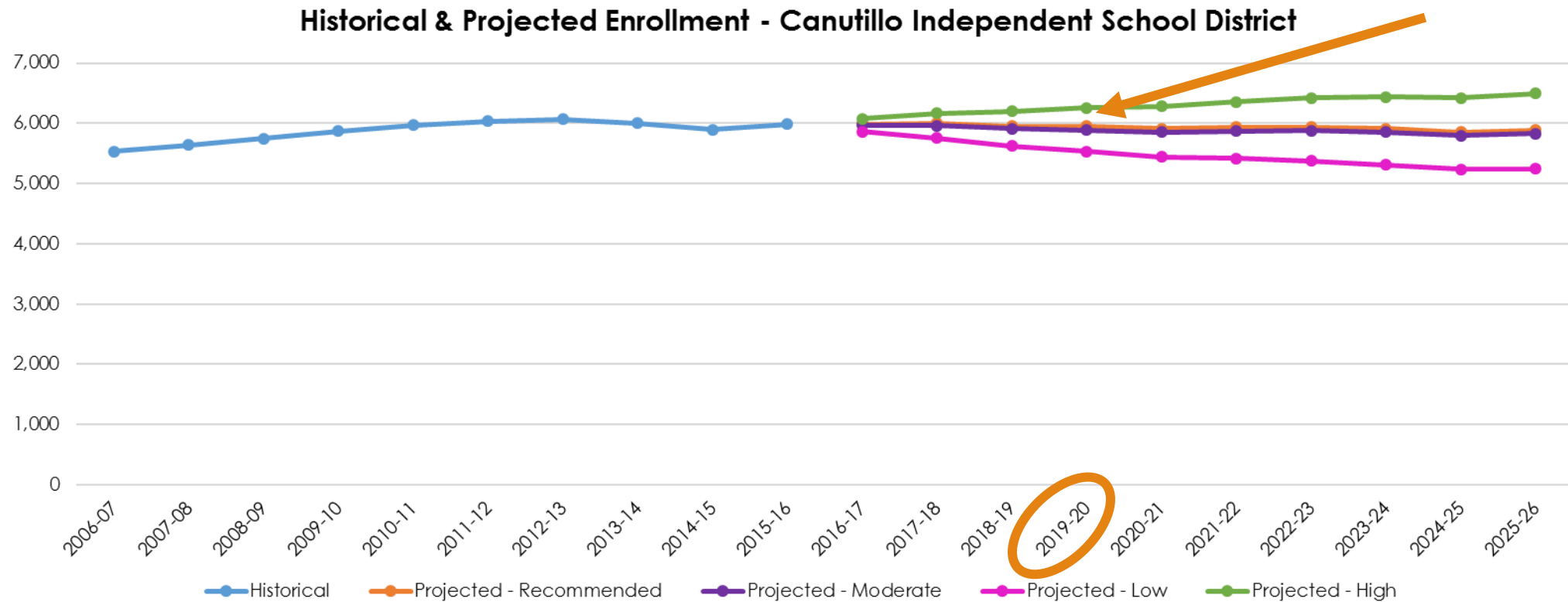


Background Report | Population Density

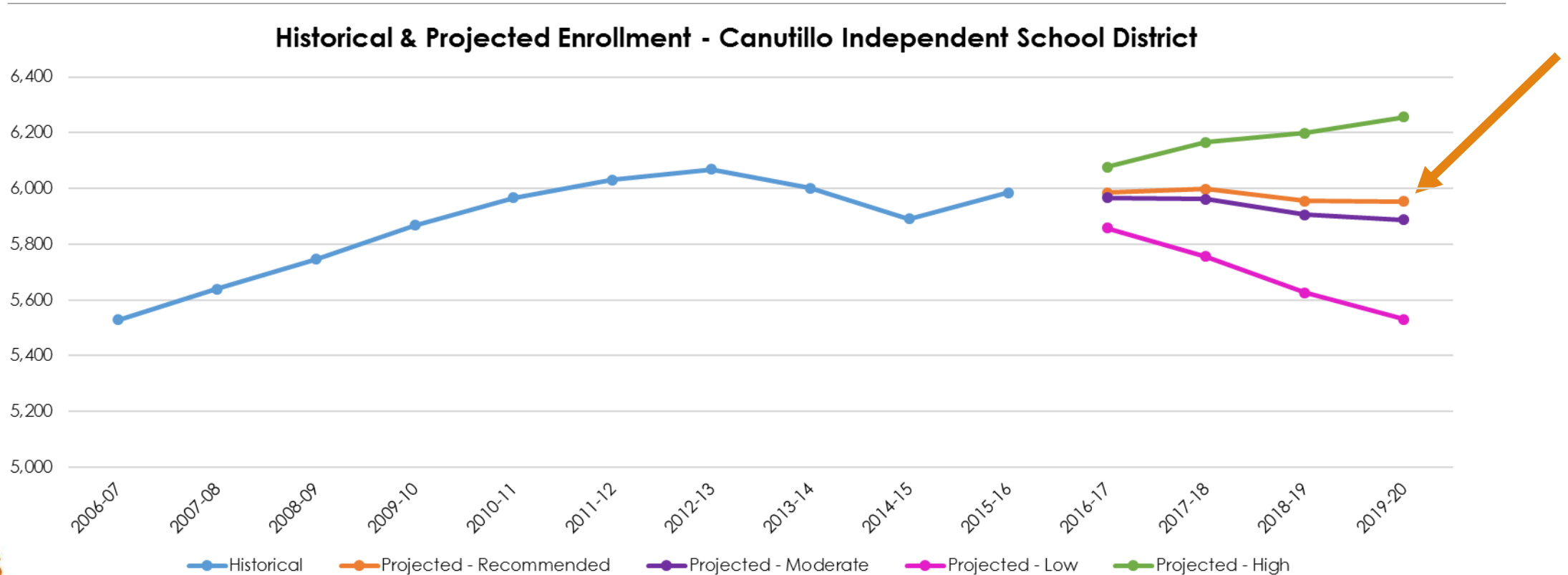
Local
Demographics:
**CISD has
concentrated
pockets of
students among
significant open
space**



Background Report | Projected Enrollment



Background Report | Projected Enrollment



Background Report | Facility Utilization

High Schools

Capacity: 1,881

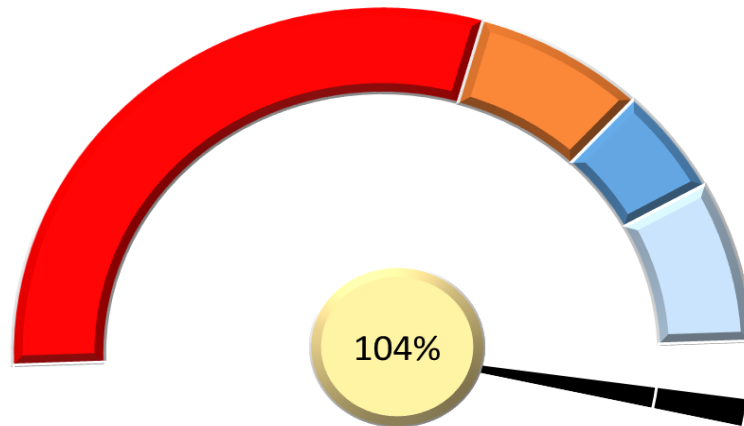
Current Enrollment: 1,948

2019-20 Enrollment: 1,962

Change: +14

5 YR UTILIZATION

High Schools



0-60% = Severely under-utilized

60- 75 = Under-utilized

75-85 = Well - utilized

85-100 = Well - highly utilized

100+ = Over-utilized



Background Report | Facility Utilization

Middle Schools

Capacity: 2,249

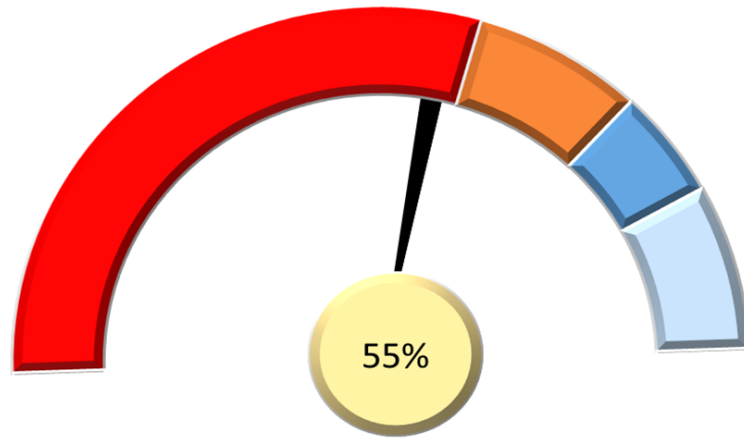
Current Enrollment: 1,266

2019-20 Enrollment: 1,299

Change: +33

5 YR UTILIZATION

Middle Schools



0-60% = Severely under-utilized

60- 75 = Under-utilized

75-85 = Well - utilized

85-100 = Well - highly utilized

100+ = Over-utilized



Background Report | Facility Utilization

Elementary Schools

Capacity: 4,392

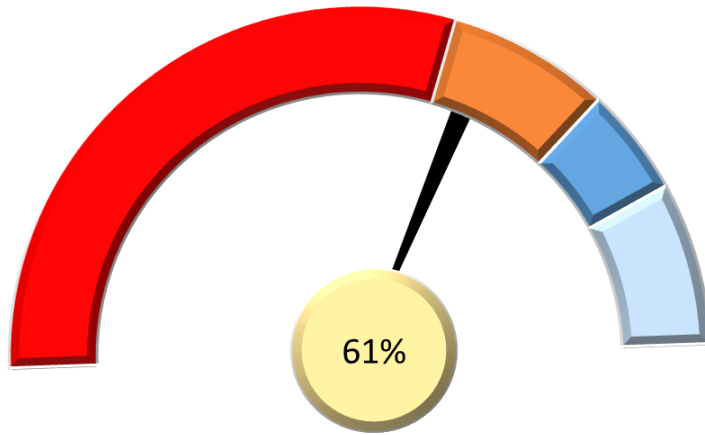
Current Enrollment: 2,815

2019-20 Enrollment: 2,695

Change: -120

5 YR UTILIZATION

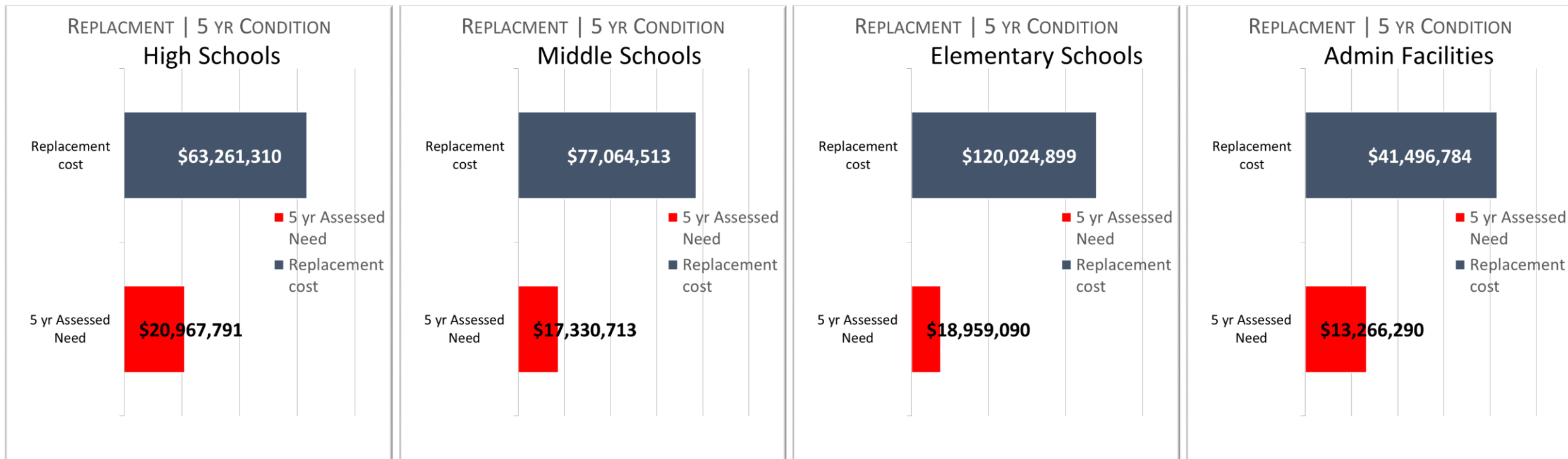
Elementary Schools



0-60% = Severely under-utilized
60- 75 = Under-utilized
75-85 = Well - utilized
85-100 = Well - highly utilized
100+ = Over-utilized



Background Report | Facility Condition



Total Condition Needs through 2019-20: \$70.5 Million

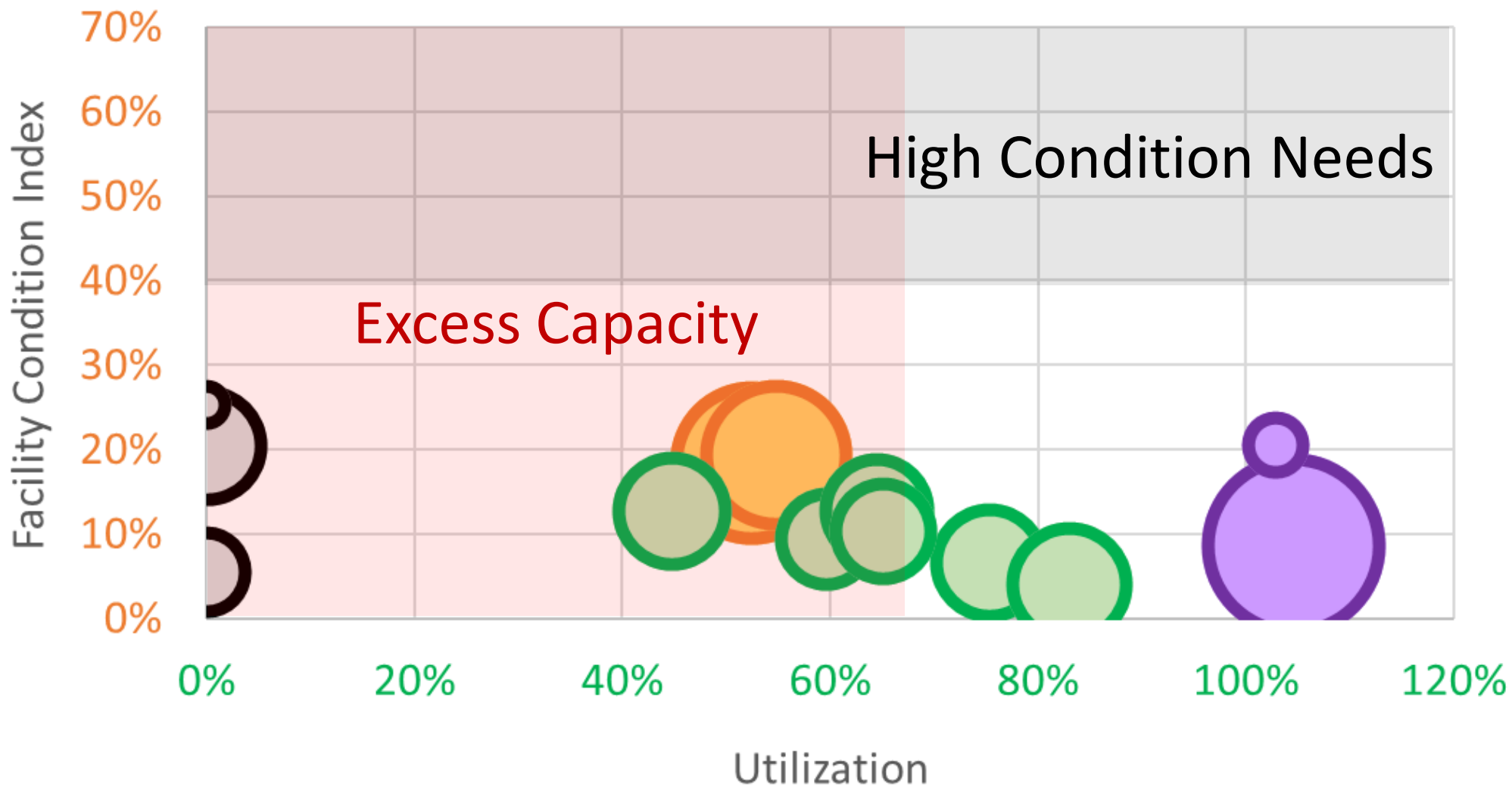


Overall, your facilities have been well-maintained

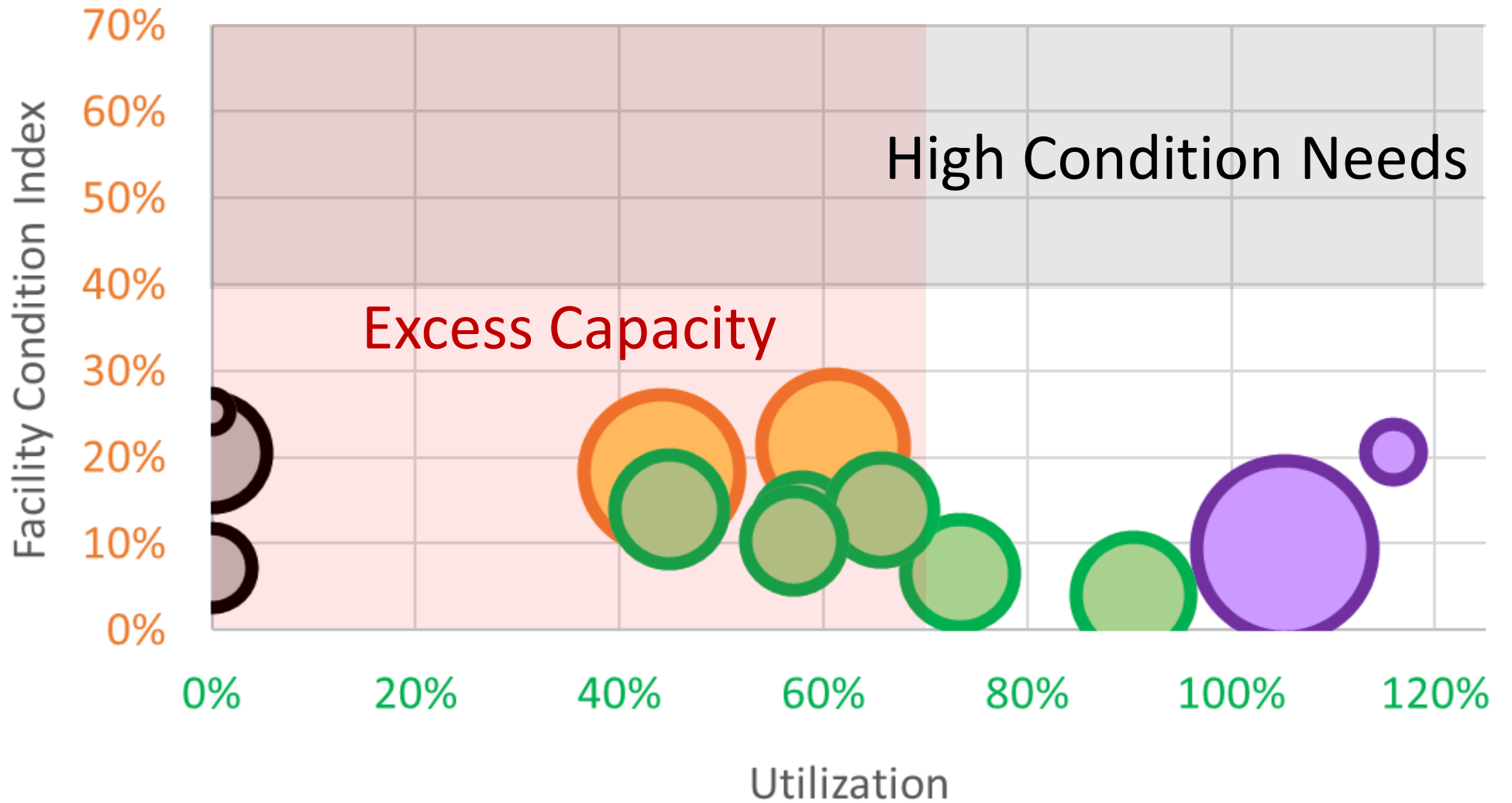
DEJONG
RICHTER JACOBS

Presented January 13, 2016

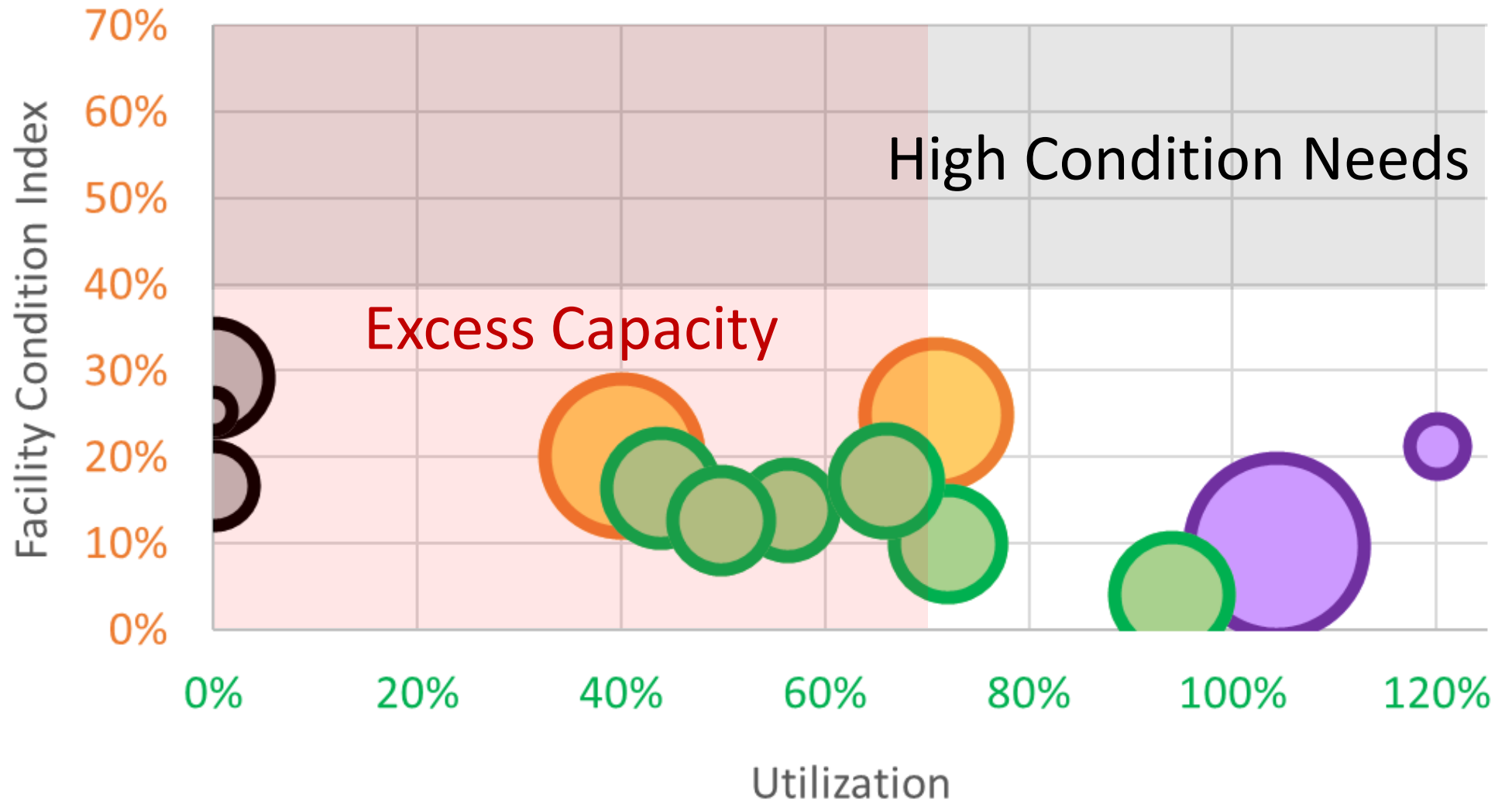
Current Condition & Utilization



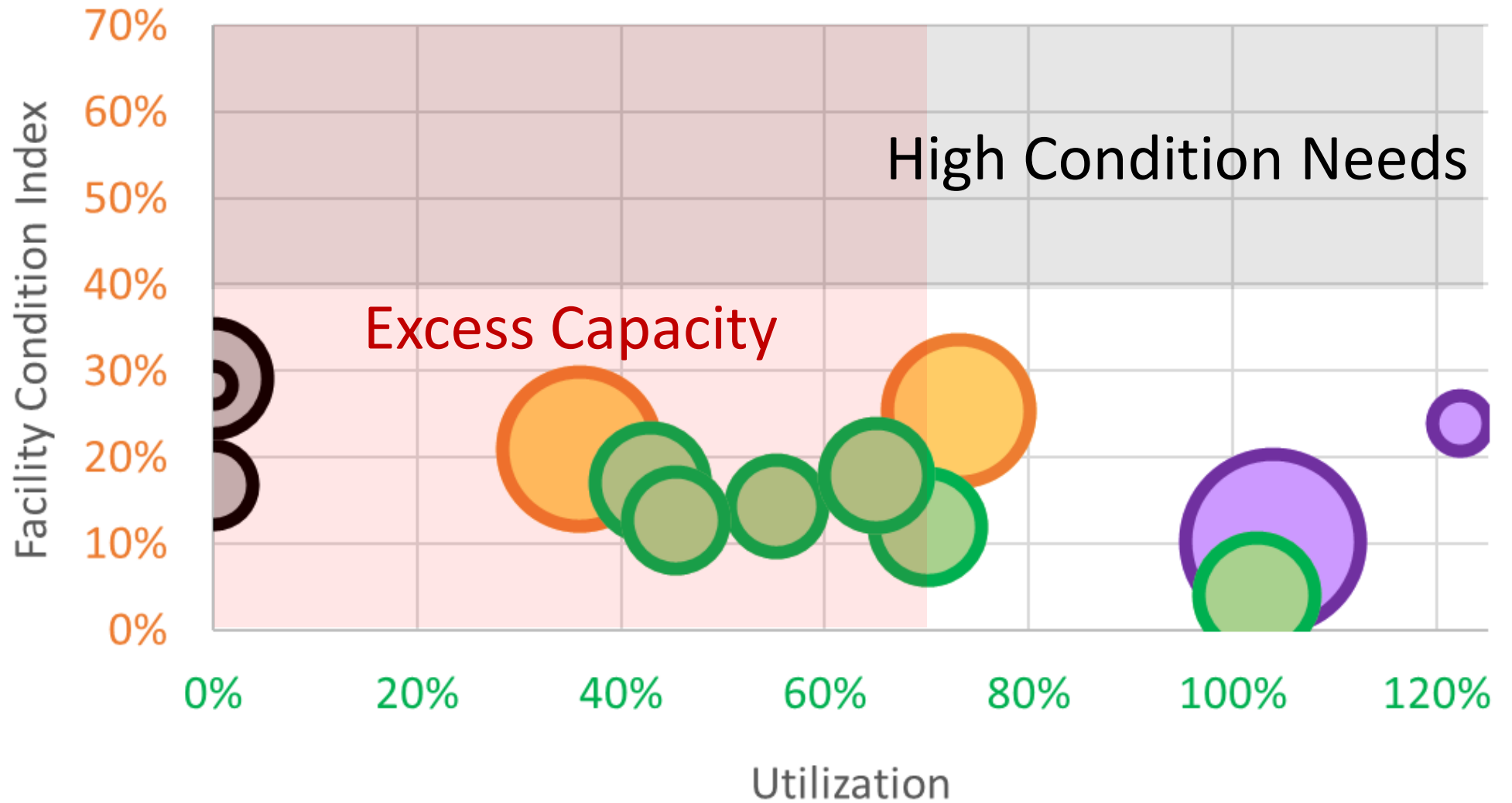
2016-17 Condition & Utilization



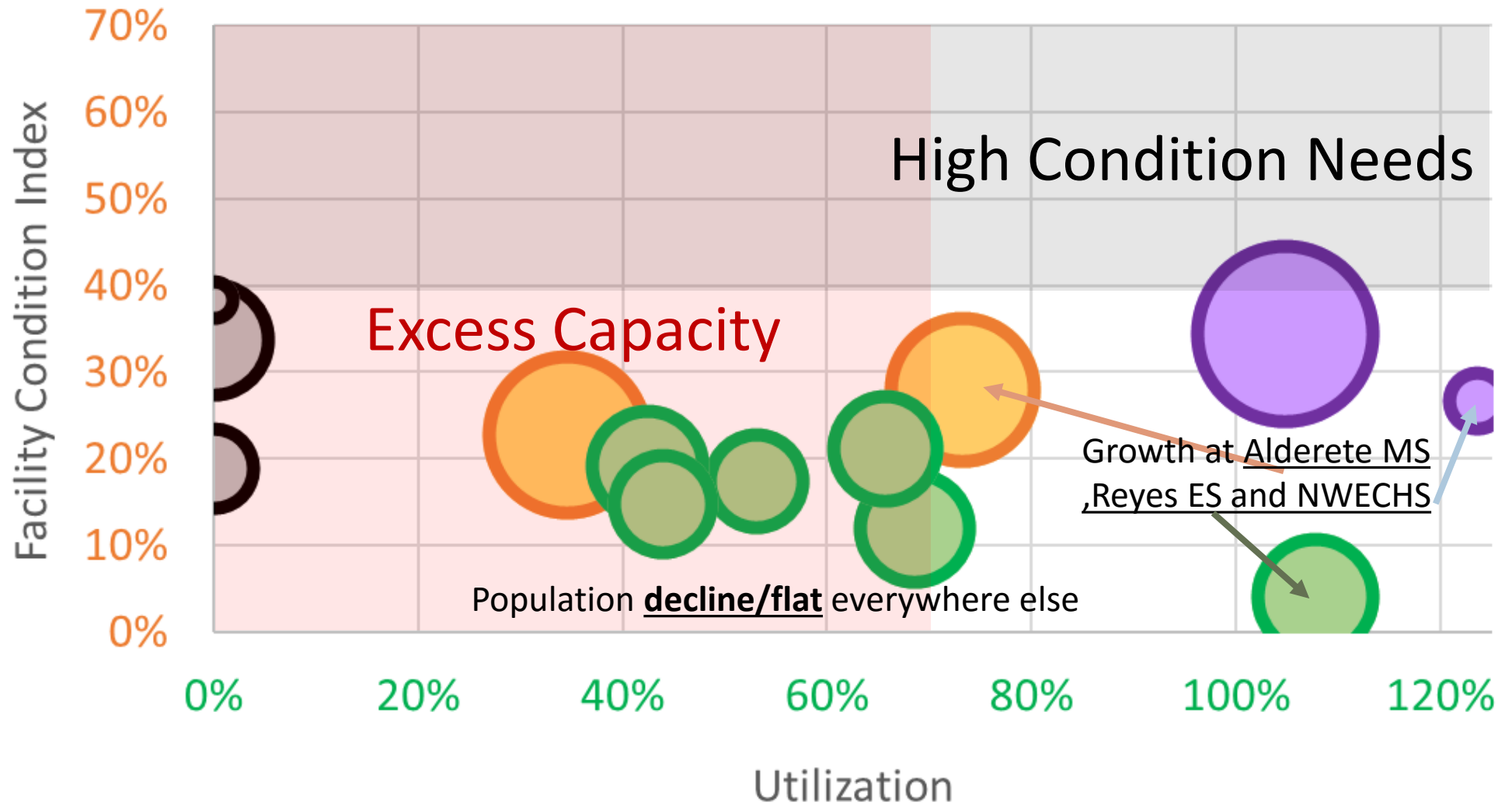
2017-18 Condition & Utilization



2018-19 Condition & Utilization



2019-20 Condition & Utilization



Background Report | Facility Condition & Utilization

General School Information

School Name	Enrollment	Grades Served
Canutillo H. School	1,662	9-12
NW Early College HS (NECHS)	286	9-12
Canutillo Middle School	636	6-8
Alderete Middle School	630	6-8
Canutillo Elementary School	680	K-5
Deanna Davenport Elementary School	418	K-5
Jose Damian Elementary School	663	K-5
Bill Childress Elementary School	446	K-5
Garcia Elementary School	582	K-5
Reyes Elementary School	500	K-5
Central Office		
Lone Star Building		
Facilities & Transportation		

Current School Utilization

Permanent Capacity	Enrollment, Current (2015-2016)	Current Utilization
1,568	1,640	105%
313	322	103%
1,082	568	52%
1,167	640	55%
812	612	75%
672	401	60%
755	487	65%
917	411	45%
683	445	65%
553	459	83%
8,522	5,985	70%

Projected 2019/20 Enrollment & Utilization

Enrollment Projections 2019/20	Projected Utilization 2019/20	Change in Utilization: Current to 2019/20
1,643	105%	0%
387	124%	21%
374	35%	-18%
855	73%	18%
557	69%	-7%
357	53%	-7%
496	66%	1%
389	42%	-2%
300	44%	-21%
596	108%	25%
5,954	70%	-0.4%

Presented January 13, 2016

Data Summary

Demographics and facility utilization will be a focal point of this Facilities Master Plan



Educational Futures Presentation

Next: Teaching & learning considerations impacting facilities planning



Historical Facility Design



Source: Ken Robinson's "Changing Educational Paradigms"

Is the factory model for schools still the best environment to prepare our kids for jobs and life today?



What is 21st Century Education? | Key Elements



Skill & Scale

In traditional group settings, students have been less likely to receive instruction tailored to their needs than in personalized settings

Time & Mastery

If the time students have to learn a concept is fixed, learning will be the variable. If mastery is fixed, time will be the variable



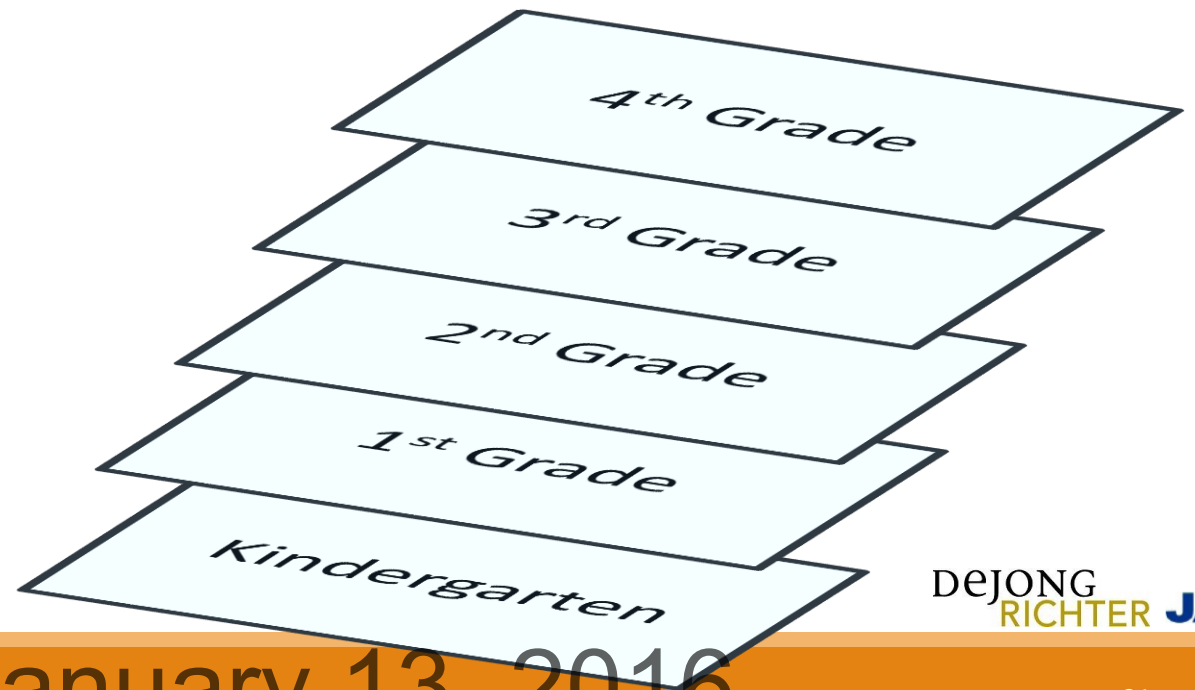


Presented January 13, 2016

School Organization & Student Learning

Question to consider

How would your student(s) benefit from a schedule that allows him/her to take the time needed to **master concepts** before moving on to the next?



Facility | School Design & Student Learning

Question to consider

If you were to have the funds to redesign your classrooms, how would you do so and why?

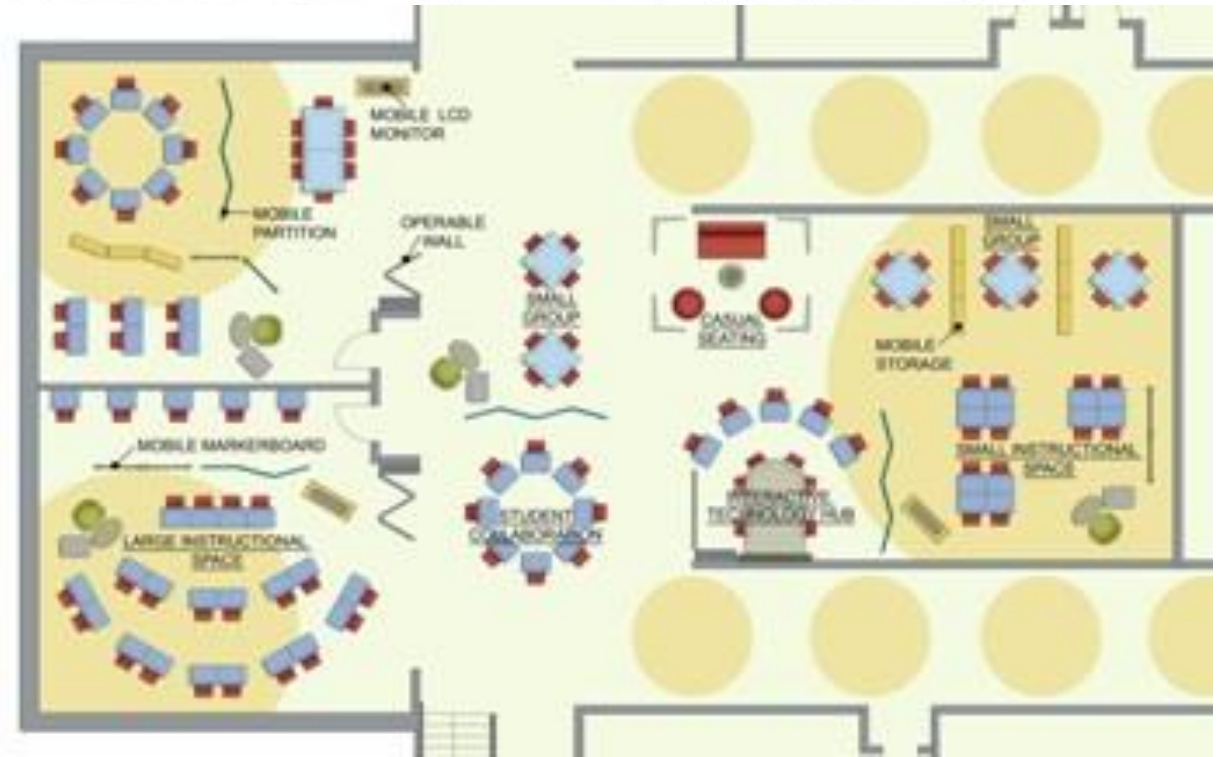


Source: Jacobs Engineering project: Sarasota Public Schools, Florida



Facility | School Design & Student Learning

21st Century school design uses logic similar to what Kindergarten teachers have been doing for years: multiple types of learning spaces for multiple types of teaching & learning practices



The Questionnaire

Please proceed to the tables to complete the questionnaire

Steering Committee members will help facilitate the completion of the questionnaire

Once you have completed the individual questionnaire, a Steering Committee member will help guide group discussion and a group questionnaire



Canutillo ISD

FACILITIES MASTER PLAN | COMMUNITY DIALOGUE #1

**Thank you for
your feedback!**

**Mark your calendars for
February 25th to attend
Community Dialogue #2
to review draft options
for each school**



deJONG
RICHTER JACOBS

Presented January 13, 2016