



# STUDENT CAPACITY ANALYSIS

Scottsdale Unified School District Governing Board Study Session  
May 5, 2016

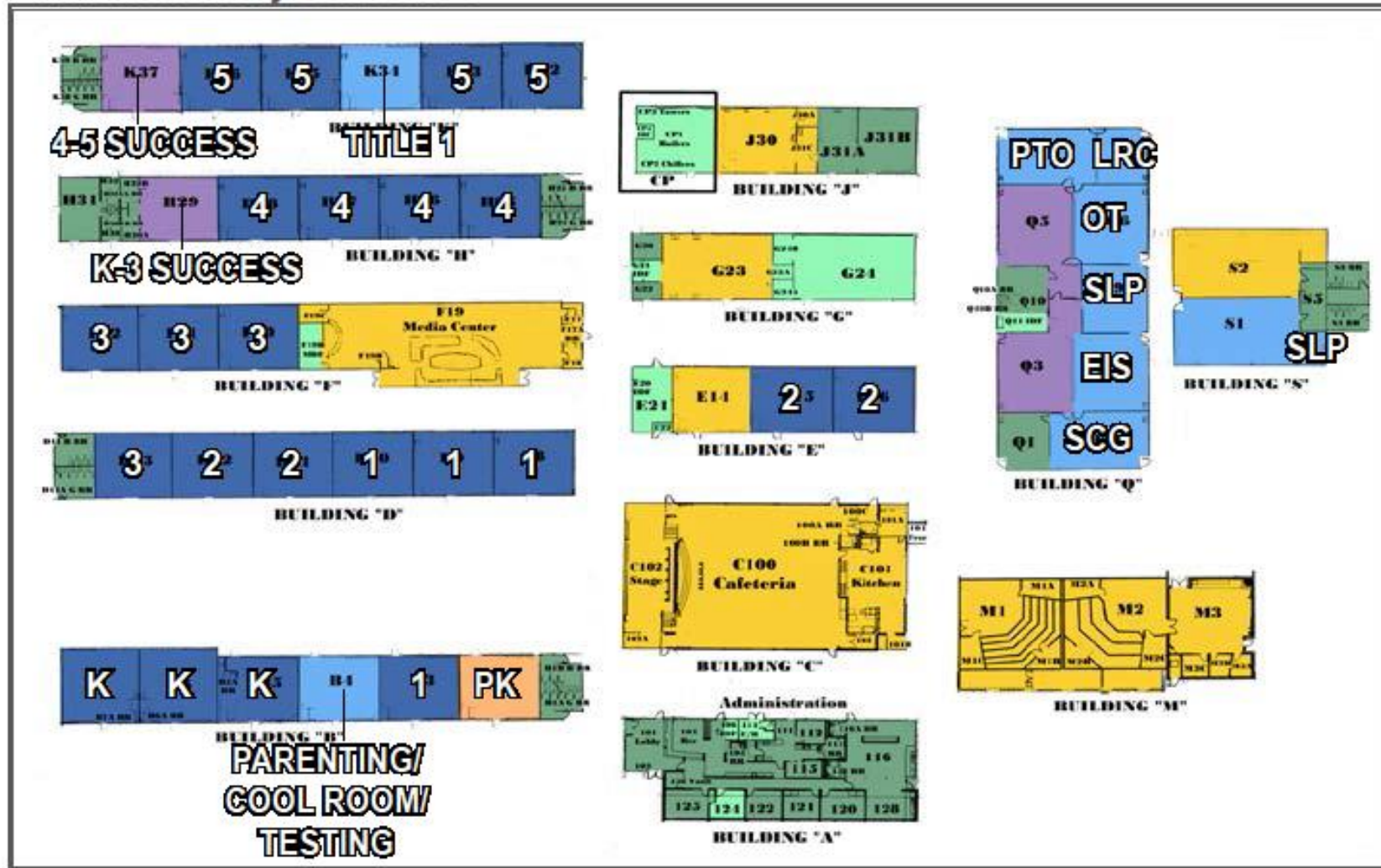
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## Student Capacity Questions ?

1. What is the student capacity of a Scottsdale Unified School ?
  2. How is a School's student capacity calculated ?
    - A. Student capacity depends on the purpose of the calculation method...  
statutory obligation - classroom quantities & types - certified staffing

# Pima Elementary School K-5



- |  |  |                           |  |
|--|--|---------------------------|--|
| Full size classroom housing full class   | Pre-K and Panda (Excludable)                   | Excludable space          | Space not intended for current educational use |
| Full size classroom housing small groups | Full day special education                     | Decommissioned, storage   |  |
| Common areas, specials, English learning | Administration, support and small group spaces | District use (Excludable) |  |



# Elementary K-5 & K-8 Enrollment SUMMARY - 2016 day 100 student enrollment



District Facilities	PreK	Panda	Panda	Title 1	Title 1	SUB total	K	1	2	3	4	5	6	7	8	SUB total	campus
	C.Edu.	am	pm	am	pm	PreK										K-5 & K-8	totals
Anasazi Elementary School	24					24	80	87	80	111	117	114				589	613
Arcadia Neighborhood Learning Center K-8	19					19	41	38	41	52	53	64	64	59	62	474	493
Arcadia High School																	1,709
Chaparral High School																	2,045
Cherokee Elementary School	83	13	9			105	100	107	78	93	81	95				554	659
Cheyenne Traditional K-8 School	25					25	89	100	102	116	114	103	110	109	130	973	998
Cochise Elementary School	19					19	98	95	99	97	112	118				619	638
Cocopah Middle School																	892
Copper Ridge K-8 School	52	8	10			70	85	82	89	107	131	141	140	147	155	1,077	1,147
Coronado High School																	1,025
Desert Canyon Elementary School	15					15	66	86	80	75	79	101				487	502
Desert Canyon Middle School																	566
Desert Mountain High School																	2,225
Hohokam Elementary School	9	19	13	19	19	79	61	66	79	88	77	61				432	511
Hopi Elementary School							121	127	144	155	164	129				840	840
Ingleside Middle School																	743
Kiva Elementary School	10	6	7			23	80	72	84	72	84	98				490	513
Laguna Elementary School	108	13	10			131	69	81	66	81	94	99				490	621
Mohave Middle School																	788
Mountainside Middle School																	699
Navajo Elementary School		10	10	19		39	59	60	62	70	50	66				367	406
Pima Elementary School					19	19	66	86	90	92	96	101				531	550
Pueblo Elementary School	88					88	90	88	92	77	91	60				498	586
Redfield Elementary School		11	8			19	53	77	73	76	86	78				443	462
Saguaro High School																	1,287
Sequoia Elementary School							86	66	85	81	73	90				481	481
Supai Middle School																	645
Tavan Elementary School		10	14	19	19	62	127	114	114	122	130	121				728	790
Tonalea Elementary School (Oak & Miller)	1			19	19	39	49	52	54	62	68	51				336	375
Yavapai Elementary School	17	11	6	20	20	74	66	59	62	59	67	67				380	454
<b>SUBtotal</b>	<b>470</b>	<b>101</b>	<b>87</b>	<b>96</b>	<b>96</b>	<b>850</b>	<b>1,486</b>	<b>1,543</b>	<b>1,574</b>	<b>1,686</b>	<b>1,767</b>	<b>1,757</b>	<b>314</b>	<b>315</b>	<b>347</b>	<b>10,789</b>	<b>24,263</b>
Teacher: Student ratio -3 FTE member teams	24	10	6	20		60	72	78	84	87	87	87				495	555
Teacher: Student ratio -4 FTE member teams	48	10	6	20		84	96	104	112	116	116	116				660	744





# AZ SFB ELEMENTARY SF ALLOWED - 2016 day 100 student enrollment



District Facilities	PreK	Panda	Title 1	K	1	2	3	4	5	6	7	8	day 100	SUSD	SUSD	day 100	SFB sf	SFB	
			SFB allow s 85 sf/student PreK w/ disabilities & K-6										100 sf/	population	existing sf	sf/student	sfb capacity	total	capacity
Anasazi Elementary School	24			80	87	80	111	117	114				589	70,833	120	216	50,065	805	
Arcadia Neighborhood Learning Center K-8	19			41	38	41	52	53	64	64	59	62	474	66,881	141	222	42,105	696	
Arcadia High School																			
Chaparral High School																			
Cherokee Elementary School	83	22		100	107	78	93	81	95				576	80,261	139	334	48,960	910	
Cheyenne Traditional K-8 School	25			89	100	102	116	114	103	110	109	130	973	82,549	85	-55	86,290	918	
Cochise Elementary School	19			98	95	99	97	112	118				619	86,366	140	348	52,615	967	
Cocopah Middle School																			
Copper Ridge K-8 School	52	18		85	82	89	107	131	141	140	147	155	1,095	181,415	166	434	96,075	1529	
Coronado High School																			
Desert Canyon Elementary School	15			66	86	80	75	79	101				487	44,956	92	42	41,395	529	
Desert Canyon Middle School																			
Desert Mountain High School																			
Hohokam Elementary School	9	32	38	61	66	79	88	77	61				502	77,030	153	389	42,670	891	
Hopi Elementary School				121	127	144	155	164	129				840	61,832	74	-129	71,400	711	
Ingleside Middle School																			
Kiva Elementary School	10	13		80	72	84	72	84	98				503	63,091	125	226	42,755	729	
Laguna Elementary School	108	23		69	81	66	81	94	99				513	74,756	146	344	43,605	857	
Mohave Middle School																			
Mountainside Middle School																			
Navajo Elementary School		20	19	59	60	62	70	50	66				406	78,106	192	321	34,510	727	
Pima Elementary School			19	66	86	90	92	96	101				550	70,107	127	146	46,750	696	
Pueblo Elementary School	88			90	88	92	77	91	60				498	73,095	147	325	42,330	823	
Redfield Elementary School		19		53	77	73	76	86	78				462	81,814	177	479	39,270	941	
Saguaro High School																			
Sequoia Elementary School				86	66	85	81	73	90				481	66,470	138	258	40,885	739	
Supai Middle School																			
Tavan Elementary School		24	38	127	114	114	122	130	121				790	82,041	104	132	67,150	922	
Tonalea Elementary School (Oak & Miller)	1		38	49	52	54	62	68	51				374	41,421	111	113	31,790	487	
Yavapai Elementary School	17	17	40	66	59	62	59	67	67				437	77,427	177	217	37,145	654	
<b>SUBtotal</b>	<b>470</b>	<b>188</b>	<b>192</b>	<b>1,486</b>	<b>1,543</b>	<b>1,574</b>	<b>1,686</b>	<b>1,767</b>	<b>1,757</b>	<b>314</b>	<b>315</b>	<b>347</b>	<b>11,169</b>	<b>1,460,451</b>	<b>131</b>	<b>4,362</b>	<b>957,765</b>	<b>15,531</b>	
Teacher : Student ratio -3 FTE member teams		10	20	72	78	84	87	87	87				525				44,625		
Teacher : Student ratio -4 FTE member teams		10	20	96	104	112	116	116	116				690				58,650		



# Certified Staffing : OCCUPANCY CAPACITY - existing spatial assignments analysis



District Facilities	PreK	Panda	A	Title 1	K	1	2	3	4	5	Sub	clrm	slp	lrc	alc	lc	lsc	sca	mdssi	pull	SUB	clrm	FTE	
certified teacher (FTE) : max students	24	10	6	20	24	26	28	29	29	29	TOTAL	no	19	19	14	14	12	8	8	14	TOTAL	no	capacity	
Anasazi Elementary School																								
Arcadia Neighborhood Learning Center K-8																								
Arcadia High School																								
Chaparral High School																								
Cherokee Elementary School	72	10	6		96	104	112	87	116	87	690	27	38	19	28		16		28	129	9	819		
Cheyenne Traditional K-8 School																								
Cochise Elementary School																								
Cocopah Middle School																								
Copper Ridge K-8 School																								
Coronado High School																								
Desert Canyon Elementary School																								
Desert Canyon Middle School																								
Desert Mountain High School																								
Hohokam Elementary School	24	20		20	72	78	84	87	87	87	472	22	38	19	28					28	113	11	585	
Hopi Elementary School					120	130	140	174	174	145	738	32	38	19						42	99	6	837	
Ingleside Middle School																								
Kiva Elementary School	24	10	6		96	104	84	87	87	87	498	23	57	19			16		70	162	11	660		
Laguna Elementary School																								
Mohave Middle School																								
Mountainside Middle School																								
Navajo Elementary School	24	10	12		24	52	56	58	87	87	410	17	76	19	28		16		56	195	13	605		
Pima Elementary School	24			20	72	78	112	87	116	116	625	24	0	19			16		28	63	10	688		
Pueblo Elementary School	96				96	104	112	116	116	116	756	28	19	19						28	66	4	822	
Redfield Elementary School																								
Saguaro High School																								
Sequoia Elementary School																								
Supai Middle School																								
Tavan Elementary School																								
Tonalea Elementary School (Oak & Miller)				20	72	78	56	58	58	87	429	16		38			12		42	92	6	521		
Yavapai Elementary School																								
SUBtotal																								
Teacher : Student ratio -3 FTE team	48	10		20	72	78	84	87	87	87	573	22	38	19	28		16		42	143	10	716		
Teacher : Student ratio -4 FTE team	48	10		20	96	104	112	116	116	116	738	28	57	38	28		16		70	209	14	947		



## Student Capacity Summary

A. Student capacity depends on the purpose of the calculation method...  
statutory obligation - classroom quantities & types - certified staffing

1. **SUSD capacity = spatially accommodating an education occupancy**

# Elementary Facility Programming



# ACADEMIC Capacity & Spatial Area

<b>PIMA CONCEPT ELEMENTARY SCHOOL</b>		FTE	Student/	Total	SF/	SF	tara %	SF
		no.	FTE	student	Student	net	SF (wall)	TOTAL
Community Education PreSchool (DHS)	<b>Pre-K</b>	1	24	24	35	<b>840</b>	0.03	<b>865</b>
Program for Assessed Needs in Developmental Areas	<b>PANDA</b>			0	50	<b>0</b>	0.03	<b>0</b>
Program for Assessed Needs in Developmental Areas-Autism	<b>PANDA-A</b>			0	50	<b>0</b>	0.03	<b>0</b>
Title 1 PreSchool	<b>Title 1 (pk)</b>	1	20	20	35	<b>700</b>	0.03	<b>721</b>
Kindergarten	<b>K</b>	3	24	72	40	<b>2880</b>	0.03	<b>2,966</b>
Grade 1 Elementary	<b>1</b>	3	26	78	35	<b>2730</b>	0.03	<b>2,812</b>
Grade 2 Elementary	<b>2</b>	4	28	112	35	<b>3920</b>	0.03	<b>4,038</b>
Grade 3-5 Elementary	<b>3_5</b>	11	29	319	33	<b>10527</b>	0.03	<b>10,843</b>
Grade 6-8 Middle	<b>6_8</b>		33	0	33	<b>0</b>	0.03	<b>0</b>
Academic Learning Center	<b>ALC</b>		14	0	33	<b>0</b>	0.03	<b>0</b>
Language Learning Center	<b>LLC</b>		14	0	33	<b>0</b>	0.03	<b>0</b>
Learning Resource Center	<b>LRC</b>	1	19	19	33	<b>627</b>	0.03	<b>646</b>
Life Skills Classroom	<b>LSC</b>		12	0		<b>0</b>	0.03	<b>0</b>
Multiple Disabled Severe Sensory Impairment	<b>MDSSI</b>		8	0		<b>0</b>	0.03	<b>0</b>
Self-contained autism: Social Communication Academic	<b>SCA</b>	2	8	16		<b>0</b>	0.03	<b>0</b>
Speech Language Pathologist	<b>SLP</b>		19	0	33	<b>0</b>	0.03	<b>0</b>
Students Using Comprehensive Coping Educational and Social Skills	<b>SUCCESS</b>	2	14	28	33	<b>924</b>	0.03	<b>952</b>
Staff : Student Population & page SUBtotal			28			<b>688</b>		<b>23,842</b>







# PIMA ELEMENTARY SCHOOL - 2016 Bond Project & Cost Projections



70,107		548	unit	unit	cost	\$/total	2017	2018	2019	2020	2021	2022
	New Facilities	population	type	quantity	\$/unit	cost						
existing	asbestos management		sf	70,107	\$4	\$280,428.00						
existing	demolition & deconstruction		sf	70,107	\$15	\$1,051,605.00						
on site	utility services development		ea	3	\$100,000	\$300,000.00						
on site	parking and drives					included						
on site	site landscape					included						
on site	site security fencing					included						
rebuild	building facilities	688	sf	68,800	\$200	\$13,760,000.00						
rebuild	SUBtotal					<b>\$15,392,033.00</b>						
rebuild	building facilities (soft costs)		%	12		\$1,847,043.96						
rebuild	contingency		%	5		\$769,601.65						
rebuild	furniture fixture & equipment		%	3		\$461,760.99						
rebuild	boundry & survey allow ance					\$20,000.00						
rebuild	geotechnical allow ance					\$15,000.00						
rebuild	quality assurance allow ance					\$70,000.00						
program	area per student:	100										
off site	(adjw ) site improvements						SB 1117 - tbd					
	Security & Safety											
	included in rebuild											
<b>TOTALS</b>						<b>\$18,575,439.60</b>						



THANK YOU, QUESTIONS ARE WELCOME



**SCOTTSDALE UNIFIED**  
SCHOOL DISTRICT