## Judson ISD

# Revised Enrollment Projections for Attendance Zone Planning

December 3, 2009



#### Firm Overview

Demographic Approach for J.I.S.D. Judson I.S.D. Student Trends Employment Trends (Leading Indicators) Housing Projections Ratios of Students per Occupied Unit for each Subdivision & Apartment Current Student Population Characteristics Projected Student Enrollment Attendance Zone Options



- Largest Demographic Firm in Texas
- Work Only with School Districts
- Work with Approximately 20-25 Districts per Year
- Has a 20+ Year Relationship with Real Estate Experts and City Planners in San Antonio Metro Area
- Demographic Team includes Specialists in Economics, Geography, Legal Issues, and GIS Systems



#### Primary vs. Secondary Data Sources

#### Secondary Data:

State Data Center, Alamo Area Council of Governments & others use extrapolation methods

#### Primary Data:

PASA studies the following:

- Leading Indicators of Employment
- Housing Starts and Planning Housing Occupancies
- Ratios of Students per Occupied Home
- Evaluation of regenerating subdivisions



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Judson I.S.D. Demographic Trends
Employment Trends (Leading Indicators)
Housing Projections
Ratios of Students per Occupied Unit
for Each Subdivision & Apartment
Projected Student Enrollment
Current Student Population Characteristics
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# Section A: Assess Current Student Population

- Generate ArcGIS Map of the District
- Geo-Code Every Student
- Analyze Student Population Characteristics by Planning Unit (ethnicity, econ. disadvantaged)
- Analyze Recent Changes in Student Population by Planning Unit (Regeneration, etc.)



# Section B: Project Future Student Enrollment

- Prepare Projections of New Housing per Year per Subdivision
- Calculate the Ratio of Students per Household for each Subdivision
- Generate Projections of Student Population by Planning Unit for Ten Year Projection Period



### Section C: Long Range Planning

- Relate Student Projections to Current Facility Capacities
- Develop Long-Range Plan for the Siting and Timing of New Facilities
- Options for New Attendance Zones
- Real-Time Planning with Committees
- Prepare Comprehensive Report and Present Findings to School Board



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#### Total Student Enrollment: Fall 2009 Pre-PEIMS data based on mid-September student estimates Wimberley ISD Hays CISD Kerrville ISD Blanco ISE 2,013 14,611 951 Kerr Center Point ISD Comfort ISD Hays 1,165 Lockhart IS 4.679 San Marcos CISD Kendall 7.469 Caldwell Boerne ISD Comal ISD Medina ISD Comal 6,369 16,620 326 Bandera New Braunfels ISD 7,749 Navarro ISD Utopia ISD Bandera ISD 1,557 218 2,563 North East ISD Schertz-Cibolo-Universal City ISD -Guadalupe 65,355 11,695 Northside ISD Gonzales Seguin ISD Marion ISD 91,578 Judson ISD 7,574 1,350= 21,708 Randolph Field ISD Alamo Heights ISD -Edgewood ISD Fort Sam Houston ISD 12,306 Bexar 1,424 San Antonio ISD Lackland ISD Medina Valley ISD 55,193 3,390 Gonzales 938 East Central ISD La Vernia ISD Nixon-Smiley CISD 9,268 South San Antonio ISD 2,961 Medina Harlandale ISD D'Hanis ISD Hondo ISD 318 Southwest ISD 2,280 11,555 Stockdale ISD 764 Natalia ISD Somerset ISD Southside ISD Lytle ISD 1,099/ 3.704 5,210 Floresville ISD Wilson 1,718 3,782 ⇔ Water Bodies Counties Devine ISD **Enrollment** Poth ISD Poteet ISD **1**,000 - 2,500 799 1,703 Atascosa Falls City ISD Karn **2**,501 - 4,000 4,001 - 7,500 Pleasanton ISD **7**,501 - 30,00 Frio 3,469 Charlotte ISD Jourdanton ISD Pearsall ISD **=** > 30,000

#### Absolute Change in Student Enrollment: 2008-09 to 2009-10 Pre-PEIMS data based on mid-September student estimates Wimberley ISD Hays CISD Kerrville ISD Blanco ISI Kerr Center Point ISD Comfort ISD Hays Lockhart IS San Marcos CISD Kendall Caldwell Boerne ISD Comal ISD Medina ISD Comal 70 -24 **Bandera** New Braunfels ISD Navarro ISD Utopia ISD Bandera ISD Luling 80 North East ISD Guadalupe 1,903 Schertz-Cibolo-Universal City ISD Northside ISD Gonzales Seguin ISD Marion ISD 2,578 Judson ISD Alamo Heights ISD Randolph Field ISD 407 Bexar Fort Sam Houston ISD Edgewood ISD 662 San Antonio ISD Medina Valley ISD Lackland ISD 162 Gonzales East Central ISD La Vernia ISD Nixon-Smiley CISE South San Antonio ISD Medina Harlandale ISD D'Hanis ISD Hondo ISD Southwest ISD -20 Stockdale ISD Natalia ISD Somerset ISD Southside ISD Lytle ISD 103 Floresville ISD Wilson 18 Water Bodie Counties Devine ISD **Enrollment -50** Poth ISD Poteet ISD **-49 - 0** -22 Atascosa Falls City ISD Karn **1** - 50 51 - 250 Pleasanton ISD **251 - 1,000** Frio Pearsall ISD Charlotte ISD Jourdant on ISD

#### Percent Change in Student Enrollment: 2008-09 to 2009-10 Pre-PEIMS data based on mid-September student estimates Wimberley ISD Kerrville ISD Blanco ISE Comfort ISD Kerr Hays Center Point ISD -2.2% Lockhart I San Marcos CISD 3.4% Kendall Càidwell Boerne ISD Comal ISD Medina ISD Comal 1.1% 3.5% -6.9% 3.9% **Bandera** New Braunfels ISD Navarro ISD Utopia ISD Bandera ISD 4.5% 2.2% 0.9% Luling North East ISD Utopia ISD Schertz-Cibolo-Universal City ISD Guadalupe 0.9% 4.7% Gonzales Northside ISD Seguin ISD Marion ISD Judson ISD 2.9% 0.7% 0.2% Alamo Heights ISD Randolph Field ISD Fort Sam Houston ISD Edgewood ISD Bexar -1:3% San Antonio ISD Medina Valley ISD Lackland ISD Gonzales -2.6% East Central ISD La Vernia ISD Nixon-Smiley CISI 1.5% Medina South San Antonio ISD D'Hanis ISD Harlandale ISD -1.9% Hondo ISD Southwest ISD -0.9% Stockdale ISD -5.8% Natalia ISD Somerset ISD Southside ISD Lytle ISD Floresville ISD Wilson 1.1% **Devine ISD** Counties **Districts -** < -2% Poteet ISD -2% - 0% -1.3% Atascosa Falls City ISD Karn 0% - 1% 1% - 3%

Pleasanton ISD

0.3%

Pearsall ISD

Charlotte ISD

Jourdanton ISD

3% - 4%

**=** > 4%

#### Absolute Change in Student Enrollment: 2004-05 to 2009-10 Pre-PEIMS data based on mid-September student estimates Wimberley ISD Hays CISD Kerrville ISD Blanco ISE Kerr Comfort ISD Hays Center Point ISD Lockhart I 156 San Marcos CISD Kendall Caldwell Boerne ISD Comal ISD Comal Medina ISD 4,126 -34 Bandera New Braunfels ISD 1,284 Navarro ISD Bandera ISD Utopia ISD 103 -68 34 North East ISD Utopia ISD -Guadalupe 7,756 Schertz-Cibolo-Universal City ISD Northside ISD Gonzales 4,059 Seguin ISD **Marion ISD** 16,929 Judson ISD Alamo Heights ISD Randolph Field ISD Fort Sam Houston ISD Edgewood ISD Bexar San Antonio ISD Lackland ISD Medina Valley ISD 413 Gonzales Nixon-Smiley CISI East Central ISD La Vernia ISD 1,372 Medina South San Antonio ISD D'Hanis ISD Harlandale ISD Hondo ISD 225 Southwest ISD 127 Stockdale ISD Natalia ISD Somerset ISD Southside ISD Lvtle ISD \_ -118 // 369 Floresville ISD Wilson 185 Counties Devine ISD **Districts** < -250</p> Poth ISD Poteet ISD -250 - 0 Atascosa 1 - 250 Falls City ISD Kar **251 - 500** Pleasanton ISD 501 - 2.000 Frio -43 Charlotte ISD Jourdanton ISD Pearsall ISD **=** > 2,000

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# Historical Growth Trends

Grade	Oct 2007	Oct 2008	% Chg 07-08 08-09	Oct 2009	% Chg 08-09 09-10
EE+PK	612	639	4%	748	17%
KG	1,495	1,582	6%	1,625	<b>3</b> %
1	1,666	1,678	1%	1,722	<b>3</b> %
2	1,713	1,708	0%	1,706	0%
3	1,543	1,739	13%	1,681	-3%
4	1,636	1,634	0%	1,741	7%
5	1,610	1,730	7%	1,680	-3%
6	1,470	1,620	10%	1,689	4%
7	1,613	1,552	-4%	1,594	3%
8	1,603	1,636	2%	1,625	-1%
9	2,024	2,013	-1%	1,721	-15%
10	1,384	1,430	3%	1,558	9%
11	1,281	1,170	-9%	1,425	22%
12	992	1,170	18%	1,193	2%
	20,642	21,301	5%	21,708	2%



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Judson I.S.D. Student Trends

Employment Trends (Leading Indicators)

Housing Projections
Ratios of Students per Occupied Unit
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Attendance Zone Options



#### **Employment Trends**

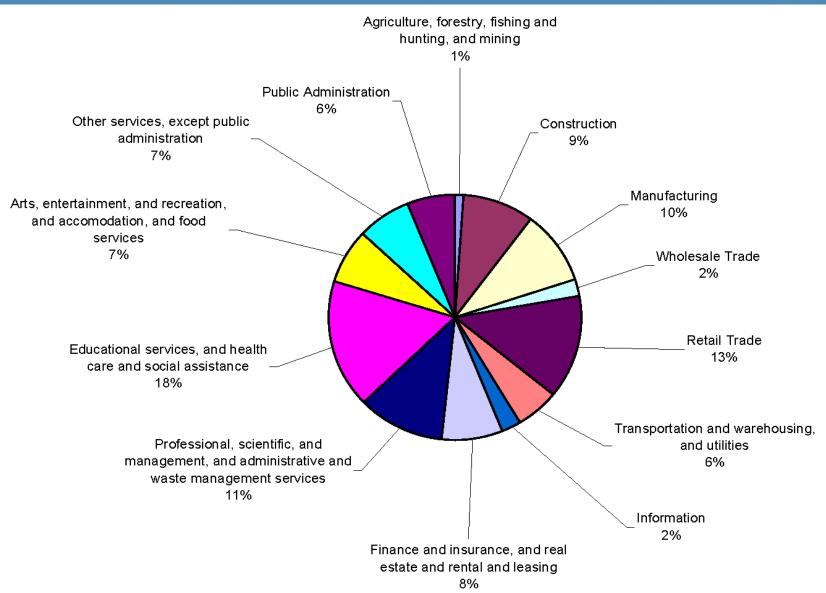
Annual Employment Trends					
	September 2008	September 2009	Percent Change		
San Antonio	San Antonio				
Employment	596,917	598,616	0.28%		
Unemployment Rate	4.8	6.8			
Bexar County					
Employment	717,552	719,677	0.30%		
Unemployment Rate	5.1	7.2			

Six-Month Employment Trends					
	March 2009	September 2009	Percent Change		
San Antonio	San Antonio				
Employment	592,756	598,616	0.99%		
Unemployment Rate	5.6	6.8			
Bexar County					
Employment	712,632	719,677	0.99%		
Unemployment Rate	6.0	7.2			



#### Employment by Sector

Employed Population 16 Years Old and Over Employed Population: 45,987 (Out of 95,861 Total Population in JISD)



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Judson I.S.D. Student Trends
Employment Trends (Leading Indicators)

Housing Projections

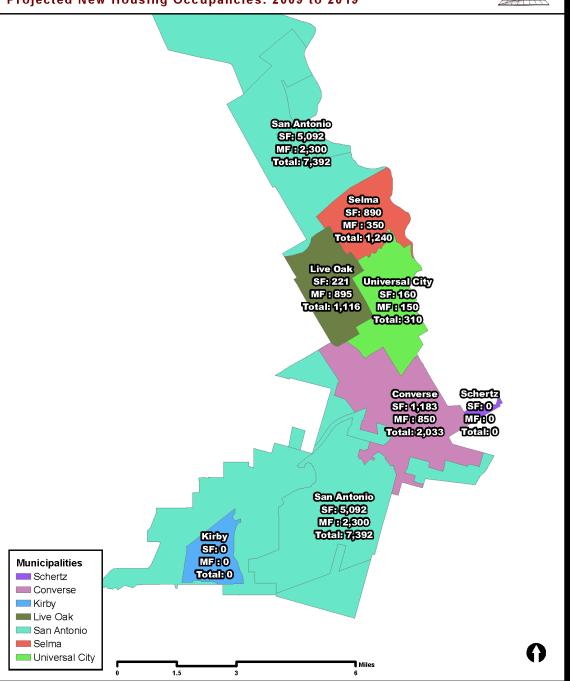
Ratios of Students per Occupied Unit for each Subdivision & Apartment Current Student Population Characteristics Projected Student Enrollment Long Range Planning



#### **Municipal Jurisdictions**

Projected New Housing Occupancies: 2009 to 2019





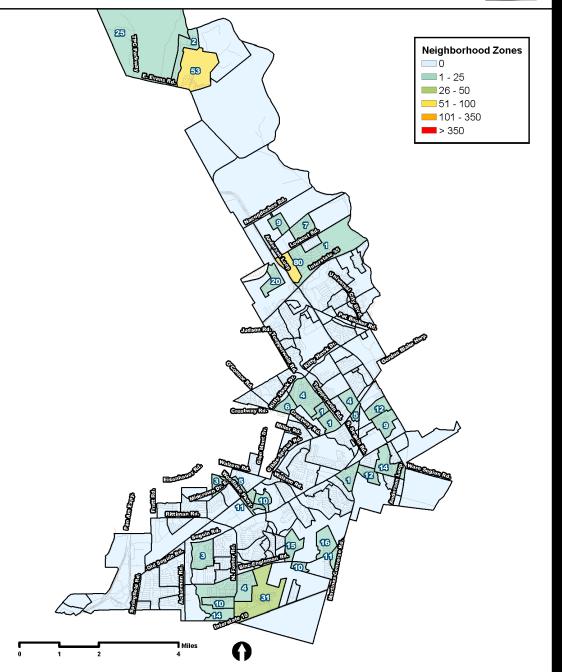
## Fastest Growth Developments

		Projected New Housing		lousing
Neigh.	Development	2009-	2014-	2009-
Zone	· · · · · · · · · · · · · · · · · · ·	2014	2019	2019
NA01	Cibolo Canyon Resort (MF+SF)	347	484	831
SR09	Horizon Pointe (SF+MF)	213	477	690
NE08	Retama Springs	152	439	591
SM20	Miramar (SF+MF)	221	267	488
SO04	Laredo Westover Ridge/Galo Prop's (SF+MF)	147	289	436
NA03	Wortham Oaks	169	182	351
SM16	Quiet Creek (or substitute)	107	225	332
SM22	Copperfield Meadows	99	128	227
SM14	Bridge Haven	90	134	224
NE11	Retama Springs West	36	185	221



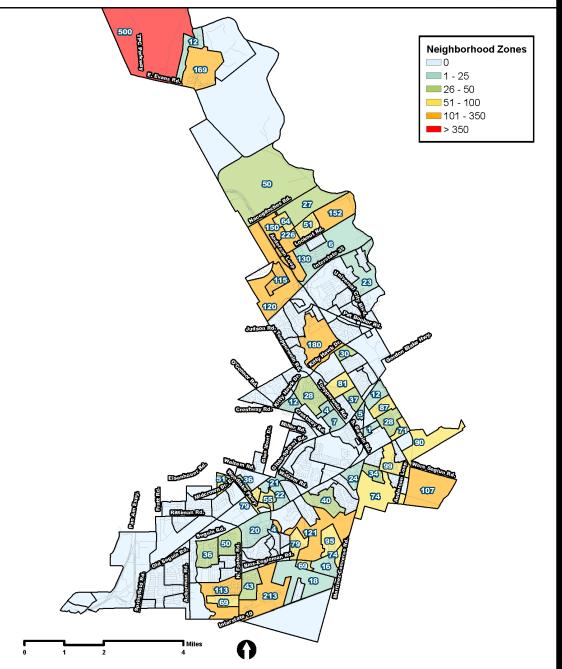
October 2009 to October 2010





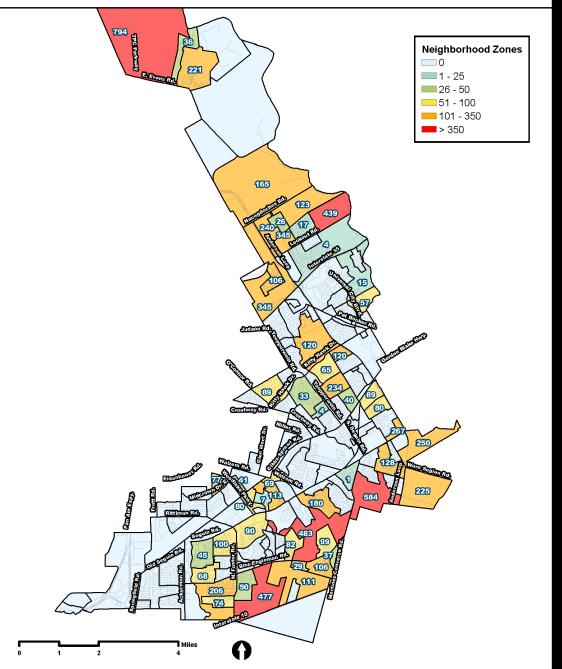
October 2009 to October 2014





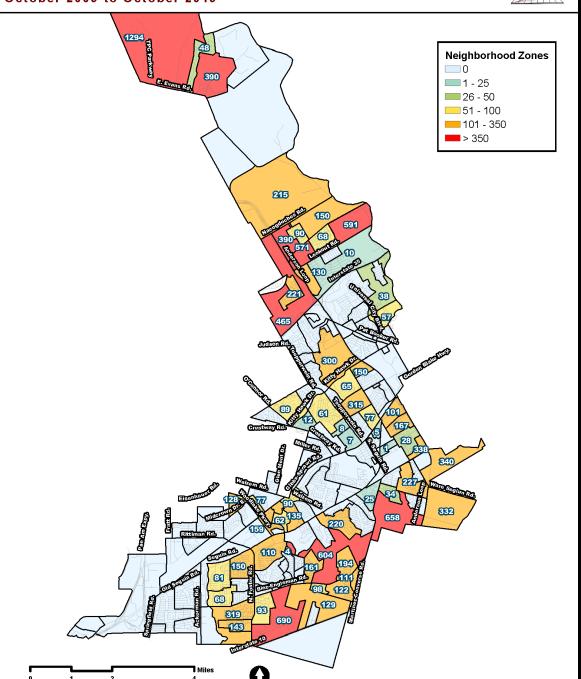
October 2014 to October 2019





October 2009 to October 2019





Projected
New Housing
Occupancies:
2009-2019

	Single	Multi	Grand
Year:	Family	Family	Total
2010	384	100	484
2011	403	67	470
2012	451	188	639
2013	667	369	1,036
2014	859	717	1,576
2015	966	845	1,811
2016	1,021	806	1,827
2017	1,044	638	1,682
2018	919	435	1,354
2019	907	305	1,212
2009-2014	2,764	1,441	4,205
2014-2019	4,857	3,029	7,886
2009-2019	7,621	4,470	12,091



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Current Student Population Characteristics Projected Student Enrollment Attendance Zone Options



# Districtwide Ratios of Students per Household

Students per Single-Family Home: 0.60

Students per Occupied Apartment Unit: 0.23



#### Highest Ratios of Students per Household

Neigh.		
Zone	Development	Ratio
SR04	Windfield	1.20
SO25	Mustang Valley	1.08
SO15	Highland Farms	1.02
SM09	Placid Park MHP	1.00
SN05	Bradbury Court	0.86
SM2	Copperfield Meadows	0.84
NE05	Rolling Meadows	0.83
NG03	Buckingham Villages MHP	0.78
SO23	Chasewood	0.78
SO06	Candlewood Park	0.77
SR05	Escondido Creek	0.75



#### Lowest Ratios of Students per Household

Neigh.		
Zone	Development	Ratio
SO02	Woodlake Country Club Est.	0.23
SQ02	Kirby Manor	0.28
NL02	Miller's Point	0.29
NG01,NG08	Olympia Estates	0.3
SR06	Glenlock Farms	0.31
NG06	Rose Garden Estates	0.31
NK01	Meadow Oaks	0.32
NI01,NF01,	1000	
NF04-06	Live Oak Village	0.36



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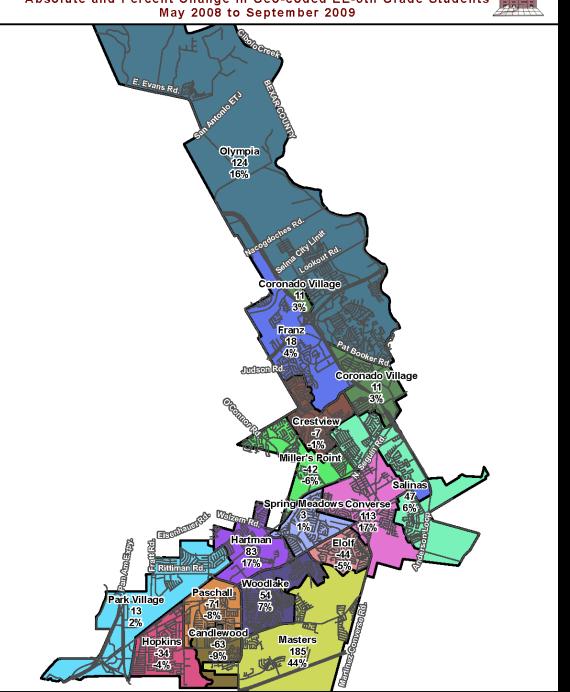
Current Student Population Characteristics Projected Student Enrollment Attendance Zone Options



Judson I.S.D. Absolute and Percent Change in Geo-coded EE-12th
Grade Students, May 2008 to September 2009 5500% 131% 0% 0% 0% 100% -3 -100% 100% 2 777 2100% 47 3% 36% 1567% -7 17 43 29 1 -6% 53% 19% 138% 0%

Judson I.S.D.

Absolute and Percent Change in Geo-coded EE-5th Grade Students



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#### Most Likely Scenario Assumptions

- Interest rates do not increase by more than 2 percent over current levels in next 5 years
- Continued availability of mortgage vehicles for affordable new housing as well as existing housing – and assumption of continued tax credit for first-time homebuyers
- Student population continues to grow at past year's levels at the early grades – which was significantly higher than last year's growth for Pre-K, KN & 1<sup>st</sup> grades
- There is a slow decline of unemployment over next 5 years
- Afghan, Iraqi, and other global concerns do not accelerate
- There is no significant change in the percent of immigrants entering the San Antonio area since the downturn – that is, previous San Antonio area growth had spawned outmigration to suburban school districts



Added Students Under Most-Likely Scenario of Growth

	Added:	Added:
	2009-14	2015-19
EE+PK	121	123
KN	191	257
1st	206	264
2nd	195	258
3rd	192	215
4th	159	203
5th	266	184
6th	199	178
7th	286	166
8th	280	169
9th	495	145
<b>10th</b>	-111	203
<b>11th</b>	87	125
<b>12th</b>	36	182
Total	2,602	2,672



## Projected Enrollment (EE-12<sup>th</sup> Grade) under Most-Likely Scenario of Growth

	Projected Enrollment at PEIMS Snapshot Date									
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Projected Enrollment	22,207	22,630	23,202	23,760	24,357	24,909	25,454	25,994	26,497	27,030
Percent Increase	2.08	1.91	2.53		2.51				the same of the sa	2.01
Actual Increase	452	423	572	557	597	552	544	540	503	532



## Population & Survey Analysts

Firm Overview Demographic Approach for J.I.S.D. Judson I.S.D. Student Trends Employment Trends (Leading Indicators) Housing Projections Ratios of Students per Occupied Unit for each Subdivision and Apartment Current Student Population Characteristics Projected Student Enrollment



Attendance Zone Options



