Northwest
Independent
School
District



Quarterly Report 3Q17

Learn from Yesterday...
Understand Today...
Plan for Tomorrow





Economic Conditions – DFW Area (September 2017)



99,800 new jobs National rate 1.2%



Unemployment Rate



-0.8%

32,086

2,651 more starts than 3Q16



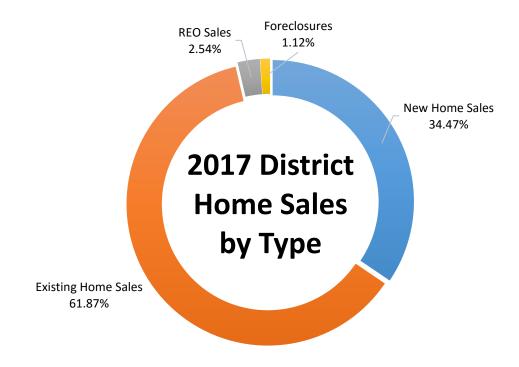
Home Starts





Northwest ISD Housing Activity

January – October 2017 Home Sales by Type



- Northwest ISD has had 3,730 home sales in 2017, and roughly 35% were new homes
- Within NISD, the average new home sale price is \$320,342
- Within NISD, the average existing home sale price is \$280,281





Northwest ISD Historical Home Price Analysis



	New Homes	Existing Homes				
2010	\$214,586	\$191,241				
2011	\$225,780	\$207,615				
2012	\$239,905	\$213,935				
2013	\$259,313	\$224,141				
2014	\$291,933	\$234,350				
2015	\$310,196	\$245,737				
2016	\$343,952	\$262,351				
YTD 2017	\$320,342	\$280,281				

- The average new home price has risen 49% since 2010, a price difference of \$105,756
- The average existing home price within NISD has risen 46% since 2010, a price change of \$89,040





DFW New Home Ranking Report

ISD Ranked by Annual Closings – 3Q17

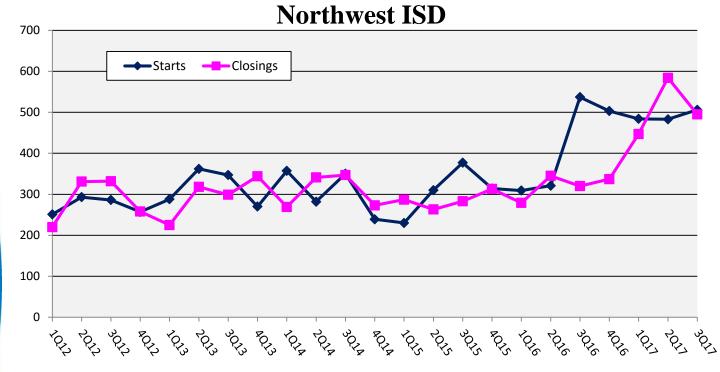
Rank	District Name	Annual Starts	Annual Closings	VDL	Future
1	Frisco ISD	2,552	2,681	4,067	6,325
2	Prosper ISD	2,804	2,524	5,703	25,970
3	Denton ISD	2,014	1,963	2,569	20,596
4	Northwest ISD*	1,976	1,863	2,074	24,277
5	Dallas ISD	1,939	1,739	2,088	7,298
6	Lewisville ISD	1,141	1,277	1,493	4,749
7	Rockwall ISD	943	1,005	1,917	8,053
8	Little Elm ISD	1,465	1,002	1,383	3,586
9	McKinney ISD	847	827	1,504	8,253
10	Wylie ISD	865	801	1,006	4,313
11	Keller ISD	690	795	826	1,961
12	Eagle MtSaginaw ISD	1,081	776	1,417	19,107
13	Mansfield ISD	616	710	857	7,133
14	Forney ISD	916	684	1,530	14,322
15	Allen ISD	683	634	1,094	1,713
16	Crowley ISD	599	632	1,049	12,551
17	Garland ISD	494	604	453	4,102
18	Midlothian ISD	686	582	1,402	19,477
19	Fort Worth ISD	567	476	964	4,499
20	Waxahachie ISD	497	476	910	9,453



^{*}Adjusted based on additional research by Templeton Demographics staff



New Housing Activity

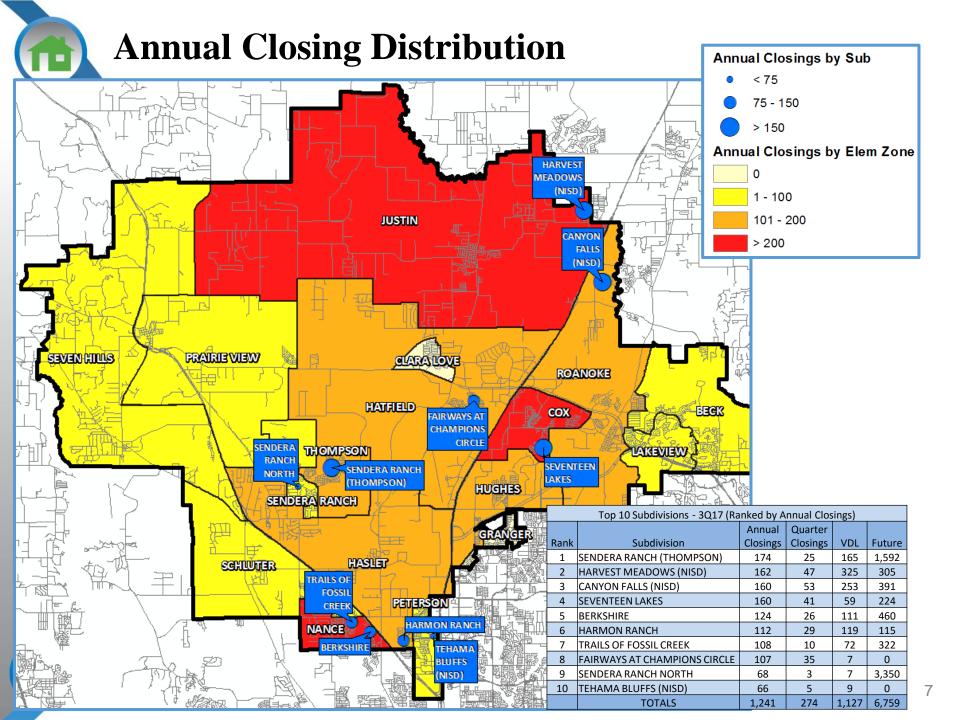


Starts	2012	2013	2014	2015	2016	2017
1Q	251	288	357	230	309	484
2Q	293	362	282	310	321	483
3Q	286	347	350	377	537	506
4Q	257	270	239	314	503	
Total	1,087	1,267	1,228	1,231	1,670	1,473

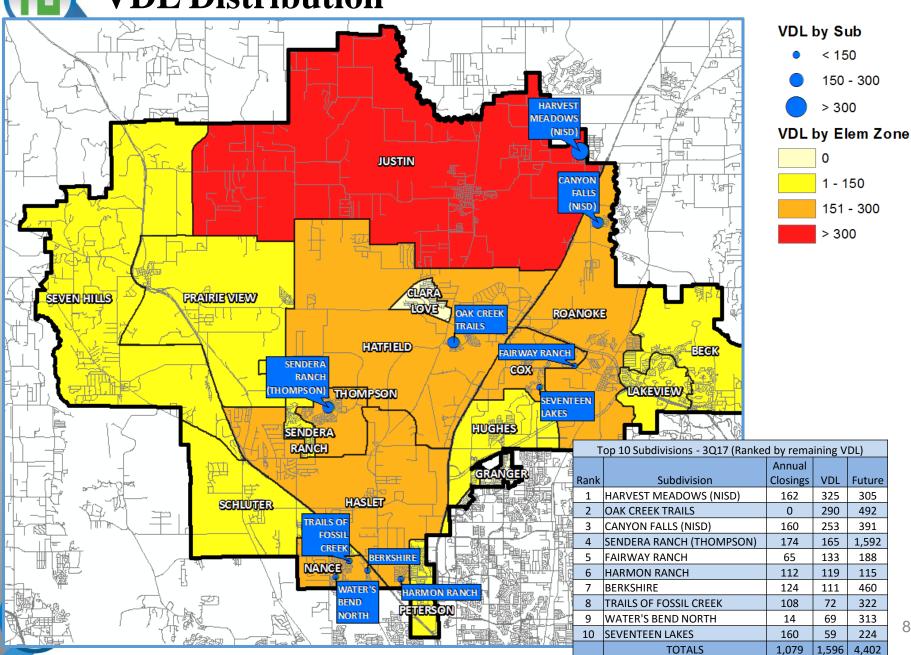
Closings	2012	2013	2014	2015	2016	2017
1Q	220	225	269	287	279	447
2Q	331	318	341	263	345	584
3Q	332	299	347	283	320	495
4Q	258	344	273	313	337	
Total	1,141	1,186	1,230	1,146	1,281	1,526

- Northwest ISD is on pace to start more than 1,850 new homes in 2017
- The district has had more new home closings through the first 3 quarters of 2017 than in all of 2016, and is on pace to close more than 1,900 new homes in 2017
 - New home inventory is still at a healthy 6 month's supply

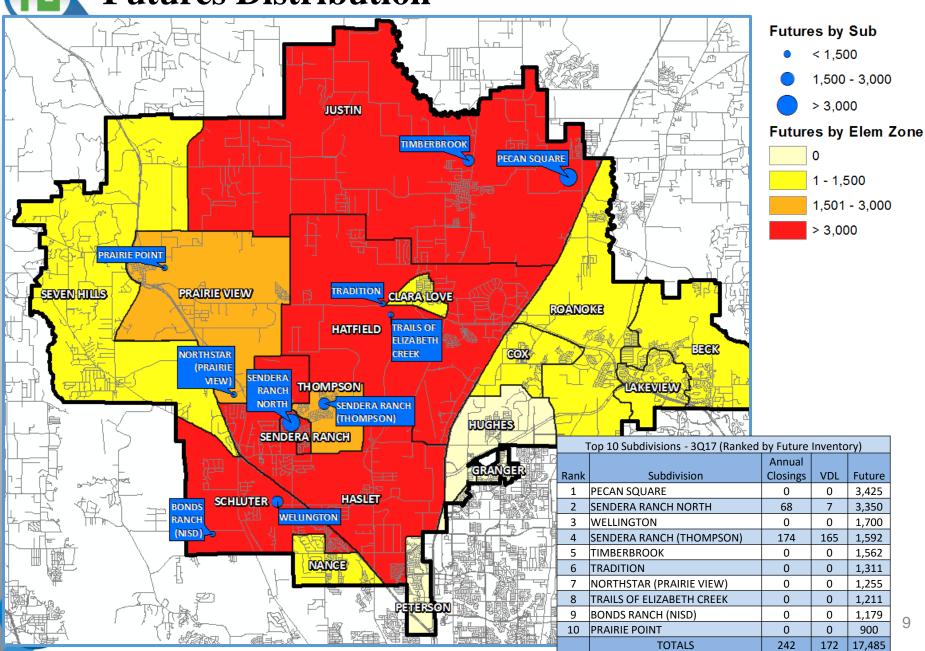




VDL Distribution



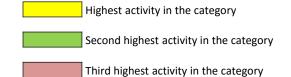
Futures Distribution





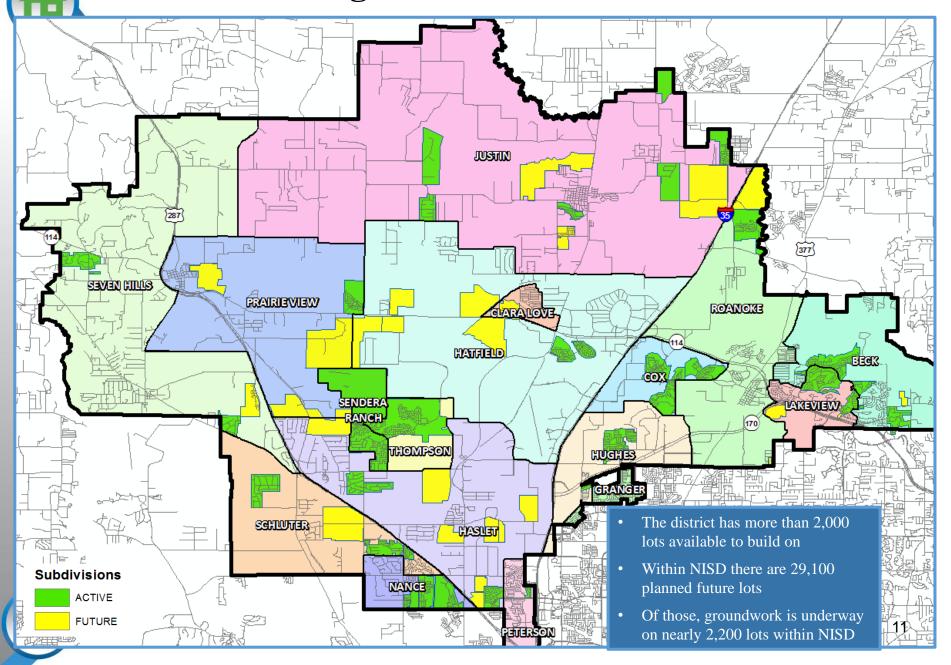
Housing Activity by Elementary Zone

Elementary Zone	Annual Starts	Quarter Starts	Annual Closings	Quarter Closings	Under Construction	Inventory	Vacant Dev. Lots	Future Lots
BECK	30	12	69	8	17	24	68	42
CLARA LOVE	0	0	0	0	0	0	0	217
COX	251	52	269	65	71	121	223	499
GRANGER	0	0	0	0	0	0	0	0
HASLET	156	44	127	32	77	88	195	3,281
HATFIELD	189	60	107	35	66	82	297	4,343
HUGHES	124	10	110	21	13	29	19	0
JUSTIN	312	77	276	80	89	127	456	6,134
LAKEVIEW	7	1	12	3	2	6	18	305
NANCE	217	62	248	37	84	124	253	1,206
PETERSON	4	0	67	6	0	2	9	0
PRAIRIE VIEW	8	0	14	5	0	0	1	2,946
ROANOKE	179	52	183	58	49	79	253	940
SCHLUTER	201	77	68	61	106	143	75	3,354
SENDERA RANCH	6	0	68	3	0	4	7	3,350
SEVEN HILLS	14	5	17	6	4	5	29	935
THOMPSON	185	47	174	25	54	70	165	1,592
Grand Total	1,883	499	1,809	445	632	904	2,068	29,144

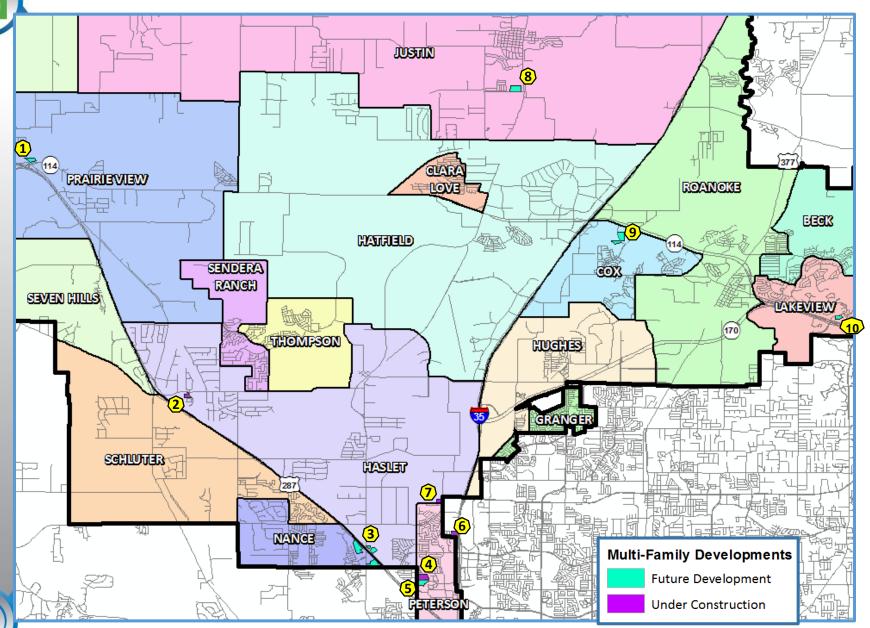




District Housing Overview



Multi-Family Housing Overview







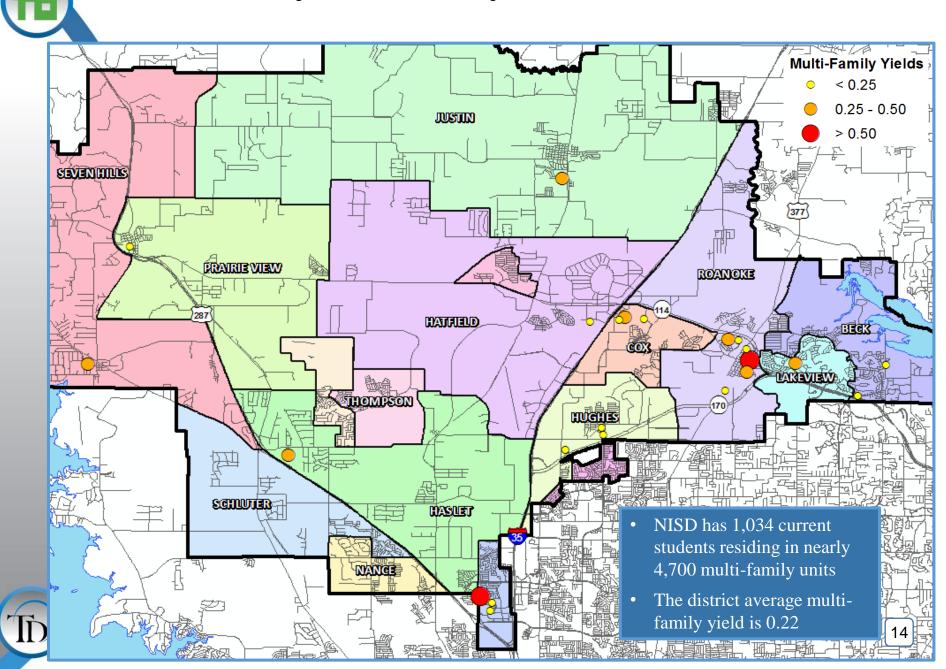
Multi-Family Housing Overview

	Apartment	Units	Tax- Credit	Status	Impact	Elementary Zone
1	Prairie View Multi-Family	~280	N/A	16.7 acres for future MF development	2020 +	Prairie View
2	Avondale Farms Senior	121	Yes	Apartment for Elderly Preference under construction	None	Haslet
3	Revelstoke and Berkshire MF Sites	~850	N/A	48 acres zoned future Multi-family, no plans at this time	2020 +	Haslet/Nance
4	Presidio Town Center Ph 2	300	No	Under construction	Late 2018	Peterson
5	Presidio Town Center Ph 3	~280	No	Future MF tract in Presidio Town Center	2020	Peterson
6	Junction Crossing	277	No	Under construction; Split between KISD and NISD	Spring 2018	Peterson/KISD
7	Harmon Senior Villas	160	Yes	Tax Credit Apartment for Elderly Preference under construction	None	Haslet
8	Villages at Reatta	300	No	Plat under review, construction starting by early 2018	Spring 2019	Justin
9	Chadwick Farms Phase 2&3	437	No	Phase 2 with 188 future units plat submitted	Late 2018	Cox
10	The Byron at Trophy Club	250	No	Initial ground clearing started	2019	Lakeview

- Northwest ISD has 2,125 planned multi-family units coming online in the next 2-3 years
- Of those, 281 units are marketed to seniors and 1,844 units are in market-rate complexes



Multi-Family Yield Analysis





Ten Year Forecast

By Grade Level

																	%
Year (Oct.)	EE/PK	K	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total	Growth	Growth
2013/14	301	1,485	1,545	1,512	1,514	1,529	1,517	1,479	1,489	1,457	1,489	1,334	1,232	1,067	18,950		
2014/15	311	1,550	1,538	1,618	1,596	1,553	1,557	1,550	1,521	1,541	1,595	1,481	1,275	1,145	19,831	610	3.2%
2015/16	333	1,541	1,662	1,674	1,650	1,674	1,664	1,626	1,595	1,577	1,765	1,622	1,398	1,195	20,976	1,145	5.8%
2016/17	360	1,622	1,621	1,736	1,714	1,783	1,727	1,747	1,725	1,658	1,727	1,778	1,546	1,300	22,044	1,068	5.1%
2017/18	435	1,745	1,718	1,699	1,806	1,818	1,873	1,815	1,782	1,788	1,810	1,763	1,670	1,412	23,134	1,090	4.9%
2018/19	435	1,834	1,870	1,827	1,798	1,916	1,931	1,946	1,887	1,860	1,961	1,758	1,678	1,570	24,271	1,137	4.9%
2019/20	435	1,928	1,980	1,993	1,948	1,918	2,038	2,014	2,030	1,978	2,057	1,923	1,674	1,564	25,480	1,209	5.0%
2020/21	435	2,009	2,082	2,110	2,124	2,093	2,054	2,130	2,099	2,131	2,190	1,996	1,835	1,569	26,857	1,377	5.4%
2021/22	435	2,104	2,172	2,217	2,246	2,266	2,230	2,153	2,220	2,200	2,351	2,130	1,901	1,711	28,336	1,479	5.5%
2022/23	435	2,191	2,269	2,309	2,354	2,387	2,409	2,335	2,254	2,302	2,425	2,281	2,029	1,775	29,755	1,419	5.0%
2023/24	435	2,281	2,371	2,402	2,441	2,492	2,523	2,520	2,432	2,348	2,538	2,339	2,174	1,880	31,176	1,421	4.8%
2024/25	435	2,377	2,470	2,505	2,536	2,578	2,639	2,647	2,619	2,521	2,588	2,462	2,229	2,017	32,623	1,447	4.6%
2025/26	435	2,475	2,581	2,610	2,634	2,678	2,728	2,768	2,732	2,725	2,776	2,507	2,355	2,069	34,073	1,450	4.4%
2026/27	435	2,571	2,684	2,734	2,749	2,777	2,834	2,868	2,858	2,831	2,994	2,688	2,415	2,184	35,622	1,549	4.5%
2026/28	435	2,683	2,791	2,850	2,880	2,900	2,945	2,979	2,962	2,963	3,108	2,904	2,588	2,242	37,230	1,608	4.5%

*Yellow box = largest grade per year *Green box = second largest grade per year

- NISD will reach 25,480 students by 2019
- 5 year growth = 6,621 students
- 2022/23 enrollment = 29,755 students
- 10 year growth = 14,096 students
- 2027/28 enrollment = 37,230 students





Ten Year Forecast

By Elementary Campus

		HISTORY	Current				ENRC	DLLMENT F	PROJECTIC	NS			
Campus	Capacity	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28
Beck Elementary	850	834	837	844	832	855	873	887	886	888	885	888	886
Clara Love Elementary	850	657	623	615	618	620	630	654	667	681	691	700	708
Cox Elementary	850	525	620	708	797	848	889	942	960	953	957	956	957
Granger Elementary	850	935	927	923	931	942	957	961	965	966	965	967	971
Haslet Elementary	650	601	707	790	865	951	1,064	1,177	1,257	1,325	1,386	1,432	1,496
Hatfield Elementary	450	478	499	526	574	660	771	857	974	1,075	1,176	1,287	1,401
Hughes Elementary	650	612	626	662	672	702	730	757	759	756	758	762	766
Justin Elementary	650	559	584	629	701	805	902	999	1,051	1,096	1,165	1,225	1,316
Lakeview Elementary	650	579	617	622	647	656	669	682	686	687	699	714	727
Nance Elementary	650	513	563	613	677	734	797	855	911	962	994	1,026	1,053
Peterson Elementary	850	734	776	830	863	884	889	885	893	911	914	916	900
Prairie View Elementary	650	422	449	451	488	502	543	592	652	738	825	917	1,026
Roanoke Elementary	850	722	745	772	802	847	919	965	980	1,007	1,029	1,060	1,085
Sendera Ranch Elementary	650	566	564	568	584	608	630	655	730	813	907	1,037	1,196
Seven Hills Elementary	650	573	557	553	569	567	569	584	594	599	613	625	630
Schluter Elementary	850	671	717	760	825	881	932	976	1,022	1,078	1,125	1,180	1,240
Thompson Elementary	650	582	683	745	795	845	906	926	958	1,005	1,052	1,092	1,126
ELEMENTARY SCHOOL TOTALS	12,250	10,563	11,094	11,611	12,240	12,907	13,670	14,354	14,945	15,540	16,141	16,784	17,484
Elementary Absolute Growth		365	531	517	629	667	763	684	591	595	601	643	700
Elementary Percent Growth		3.58%	5.03%	4.66%	5.42%	5.45%	5.91%	5.00%	4.12%	3.98%	3.87%	3.98%	4.17%

*Green box = within 5% of capacity

*Yellow box = over capacity

The NISD Bond approved in May 2017 will assist with overcrowding for the next 3-4 years





Ten Year Forecast

By Secondary Campus

		HISTORY	Current				ENRC	LLMENT F	PROJECTIC	NS			
Campus	Capacity	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28
Chisholm Trail Middle School	1,100	1,016	1,061	1,090	1,134	1,250	1,312	1,418	1,480	1,591	1,709	1,801	1,887
Gene Pike Middle School	1,100	830	936	1,009	1,060	1,120	1,187	1,278	1,361	1,481	1,587	1,707	1,819
Medlin Middle School	1,100	1,145	1,114	1,162	1,206	1,235	1,192	1,186	1,227	1,287	1,332	1,337	1,356
Tidwell Middle School	1,200	1,167	1,220	1,282	1,376	1,448	1,525	1,585	1,689	1,780	1,872	1,908	1,937
Wilson Middle School	1,200	972	1,053	1,149	1,245	1,306	1,356	1,423	1,542	1,647	1,724	1,803	1,904
MIDDLE SCHOOL TOTALS	5,700	5,130	5,384	5,692	6,021	6,359	6,572	6,890	7,299	7,786	8,224	8,556	8,903
Middle School Absolute Growth		332	254	308	329	338	213	318	409	487	438	332	347
Middle School Percent Growth		6.92%	4.95%	5.72%	5.78%	5.61%	3.35%	4.84%	5.94%	6.67%	5.63%	4.04%	4.06%
Northwest High School	2,525	2,009	1,761	1,827	1,923	2,020	2,115	2,216	2,353	2,464	2,630	2,817	2,994
Byron Nelson High School	2,400	2,553	2,524	2,581	2,601	2,722	2,881	3,026	3,148	3,230	3,295	3,456	3,625
Eaton High School	2,500	1,603	2,186	2,381	2,516	2,670	2,919	3,090	3,252	3,424	3,604	3,830	4,045
Steele Accelerated High School	450	142	144	144	144	144	144	144	144	144	144	144	144
Denton Creek		43	37	31	31	31	31	31	31	31	31	31	31
HIGH SCHOOL TOTALS	7,875	6,351	6,656	6,968	7,219	7,591	8,094	8,511	8,932	9,297	9,708	10,282	10,843
High School Absolute Growth		371	305	312	251	372	503	417	421	365	411	574	561
High School Percent Growth		6.20%	4.80%	4.69%	3.60%	5.15%	6.63%	5.15%	4.95%	4.09%	4.42%	5.91%	5.46%
DISTRICT TOTALS	25,825	22,044	23,134	24,271	25,480	26,857	28,336	29,755	31,176	32,623	34,073	35,622	37,230
District Absolute Growth		1,068	1,090	1,137	1,209	1,377	1,479	1,419	1,421	1,447	1,450	1,549	1,608
District Percent Growth		5.1%	4.9%	4.9%	5.0%	5.4%	5.5%	5.0%	4.8%	4.6%	4.4%	4.5%	4.5%

*Green box = within 5% of capacity

*Yellow box = over capacity

The NISD Bond approved in May 2017 will assist with overcrowding for the next 3-4 years





Summary

- Fort Worth's unemployment rate is below 4%.
- Nearly 35% of district home sales are of new homes.
- With more than 1,900 annual new home starts, the district could be on pace to close more than 1,800 homes in 2017.
- Groundwork is underway on more than 2,000 lots within NISD, including the first phases of Wellington, Hawthorne Meadows, Revelstoke, Caraway and Timberbrook.
- NISD added 1,090 students this fall.
- NISD can expect an increase of approximately 6,600 students during the next 5 years.
- 2022/23 enrollment projection: 29,755 students.
- NISD is projected to enroll 37,230 students for the 2027/28 school year.

