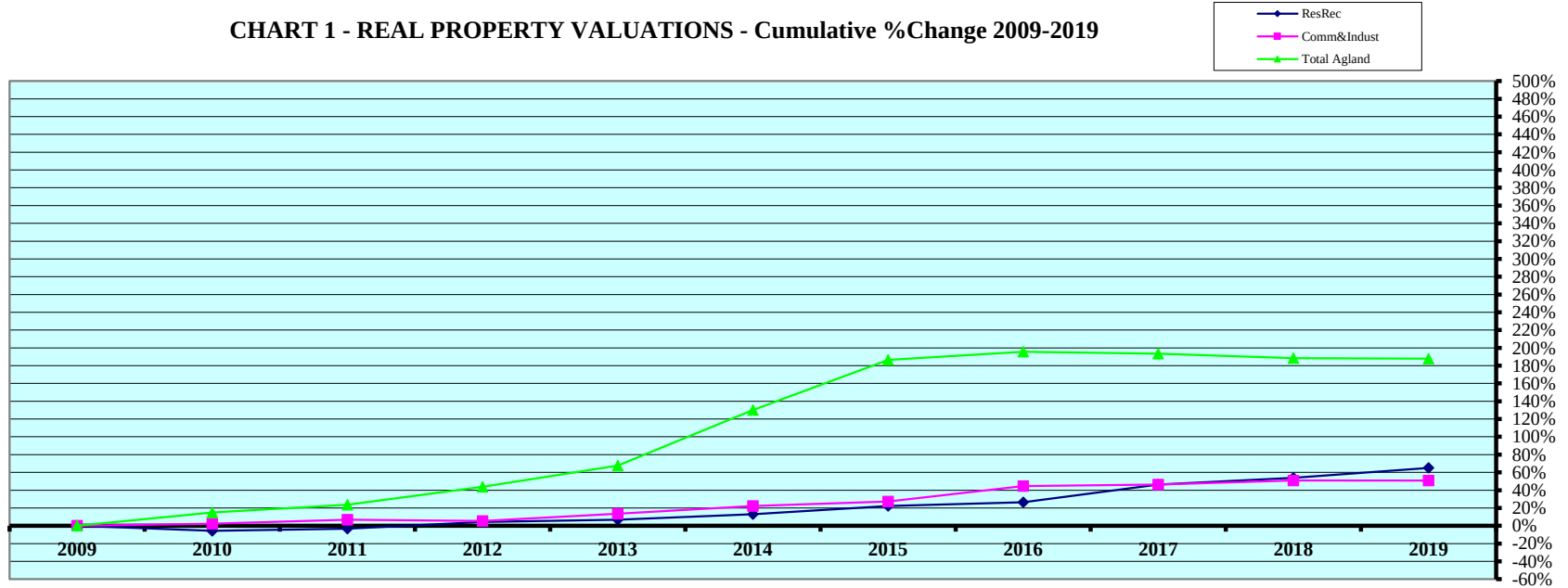


CHART 1 - REAL PROPERTY VALUATIONS - Cumulative %Change 2009-2019



Tax Year	Residential & Recreational ⁽¹⁾				Commercial & Industrial ⁽¹⁾				Total Agricultural Land ⁽¹⁾			
	Value	Amnt Value Chg	Ann.%chg	Cmltv%chg	Value	Amnt Value Chg	Ann.%chg	Cmltv%chg	Value	Amnt Value Chg	Ann.%chg	Cmltv%chg
2009	167,277,323	--	--	--	29,357,282	--	--	--	302,738,114	--	--	--
2010	157,749,513	-9,527,810	-5.70%	-5.70%	30,042,850	685,568	2.34%	2.34%	347,888,605	45,150,491	14.91%	14.91%
2011	161,901,694	4,152,181	2.63%	-3.21%	31,311,062	1,268,212	4.22%	6.66%	374,007,369	26,118,764	7.51%	23.54%
2012	174,424,013	12,522,319	7.73%	4.27%	30,940,991	-370,071	-1.18%	5.39%	435,090,320	61,082,951	16.33%	43.72%
2013	178,579,326	4,155,313	2.38%	6.76%	33,346,953	2,405,962	7.78%	13.59%	507,036,796	71,946,476	16.54%	67.48%
2014	189,176,901	10,597,575	5.93%	13.09%	35,857,594	2,510,641	7.53%	22.14%	696,405,034	189,368,238	37.35%	130.04%
2015	204,444,175	15,267,274	8.07%	22.22%	37,395,066	1,537,472	4.29%	27.38%	866,831,944	170,426,910	24.47%	186.33%
2016	211,522,217	7,078,042	3.46%	26.45%	42,445,569	5,050,503	13.51%	44.58%	894,949,900	28,117,956	3.24%	195.62%
2017	244,532,836	33,010,619	15.61%	46.18%	42,935,611	490,042	1.15%	46.25%	888,295,102	-6,654,798	-0.74%	193.42%
2018	257,600,841	13,068,005	5.34%	54.00%	44,308,548	1,372,937	3.20%	50.93%	873,283,535	-15,011,567	-1.69%	188.46%
2019	275,995,470	18,394,629	7.14%	64.99%	44,248,624	-59,924	-0.14%	50.72%	871,576,502	-1,707,033	-0.20%	187.90%

Rate Annual %chg: Residential & Recreational **5.13%**

Commercial & Industrial **4.19%**

Agricultural Land **11.15%**

Cnty# **47**
County **HOWARD**

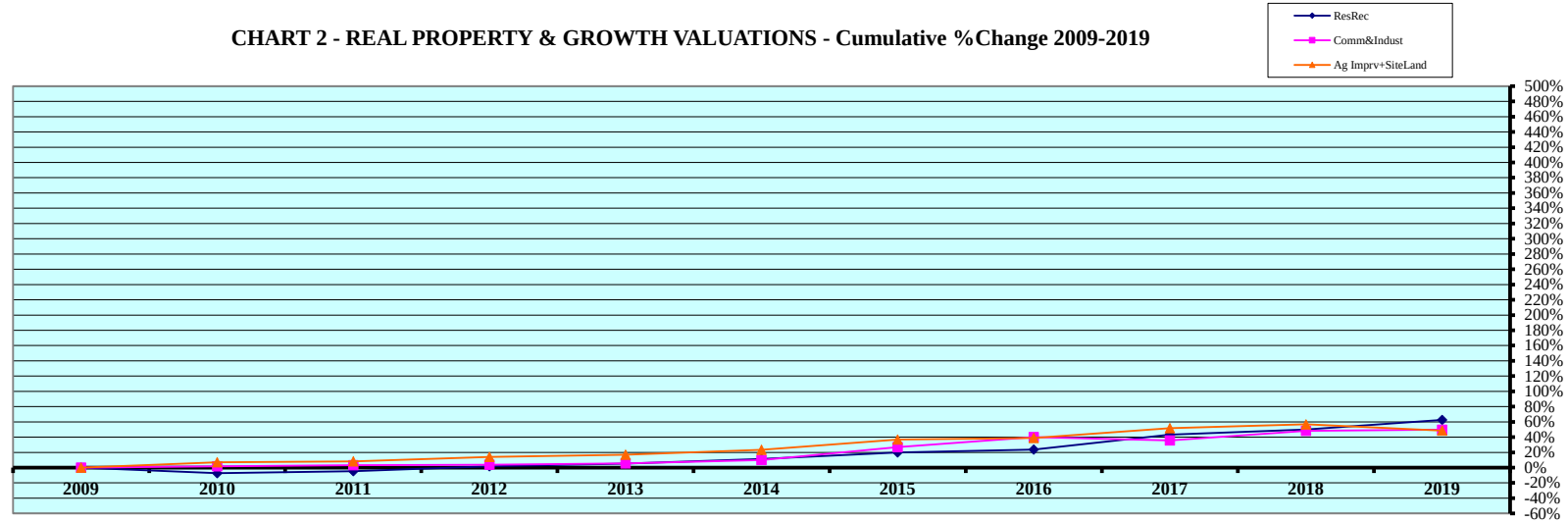
CHART 1

(1) Residential & Recreational excludes Agric. dwelling & farm home site land. Commercial & Industrial excludes minerals. Agricultural land includes irrigated, dry, grass, waste, & other agland, excludes farm site land.

Source: 2009 - 2019 Certificate of Taxes Levied Reports CTL NE Dept. of Revenue, Property Assessment Division

Prepared as of 03/01/2020

CHART 2 - REAL PROPERTY & GROWTH VALUATIONS - Cumulative %Change 2009-2019



Tax Year	Residential & Recreational ⁽¹⁾						Commercial & Industrial ⁽¹⁾					
	Value	Growth Value	% growth of value	Value Exclud. Growth	Ann.%chg w/o grwth	Cmltv%chg w/o grwth	Value	Growth Value	% growth of value	Value Exclud. Growth	Ann.%chg w/o grwth	Cmltv%chg w/o grwth
2009	167,277,323	3,905,506	2.33%	163,371,817	--	--	29,357,282	550,018	1.87%	28,807,264	--	--
2010	157,749,513	2,599,031	1.65%	155,150,482	-7.25%	-7.25%	30,042,850	184,371	0.61%	29,858,479	1.71%	1.71%
2011	161,901,694	2,656,395	1.64%	159,245,299	0.95%	-4.80%	31,311,062	1,045,208	3.34%	30,265,854	0.74%	3.09%
2012	174,424,013	4,264,008	2.44%	170,160,005	5.10%	1.72%	30,940,991	478,739	1.55%	30,462,252	-2.71%	3.76%
2013	178,579,326	2,438,651	1.37%	176,140,675	0.98%	5.30%	33,346,953	2,320,952	6.96%	31,026,001	0.27%	5.68%
2014	189,176,901	2,833,190	1.50%	186,343,711	4.35%	11.40%	35,857,594	3,594,306	10.02%	32,263,288	-3.25%	9.90%
2015	204,444,175	3,712,607	1.82%	200,731,568	6.11%	20.00%	37,395,066	148,974	0.40%	37,246,092	3.87%	26.87%
2016	211,522,217	4,853,424	2.29%	206,668,793	1.09%	23.55%	42,445,569	1,318,709	3.11%	41,126,860	9.98%	40.09%
2017	244,532,836	4,891,657	2.00%	239,641,179	13.29%	43.26%	42,935,611	3,134,538	7.30%	39,801,073	-6.23%	35.57%
2018	257,600,841	6,789,868	2.64%	250,810,973	2.57%	49.94%	44,308,548	815,533	1.84%	43,493,015	1.30%	48.15%
2019	275,995,470	4,073,266	1.48%	271,922,204	5.56%	62.56%	44,248,624	271,376	0.61%	43,977,248	-0.75%	49.80%
Rate Ann%chg	5.13%				3.27%		4.19%				C & I w/o growth	0.49%

Tax Year	Ag Improvements & Site Land ⁽¹⁾							Cmltv%chg w/o grwth
	Agric. Dwelling & Homesite Value	Agoutbldg & Farmsite Value	Ag Imprv&Site Total Value	Growth Value	% growth of value	Value Exclud. Growth	Ann.%chg w/o grwth	
2009	50,532,015	21,618,578	72,150,593	2,840,345	3.94%	69,310,248	--	--
2010	54,904,083	24,089,259	78,993,342	1,779,800	2.25%	77,213,542	7.02%	7.02%
2011	55,178,876	24,505,190	79,684,066	1,522,615	1.91%	78,161,451	-1.05%	8.33%
2012	55,655,280	28,649,847	84,305,127	1,969,154	2.34%	82,335,973	3.33%	14.12%
2013	56,596,889	29,399,145	85,996,034	1,702,503	1.98%	84,293,531	-0.01%	16.83%
2014	60,422,489	30,612,568	91,035,057	2,080,936	2.29%	88,954,121	3.44%	23.29%
2015	66,436,653	35,119,980	101,556,633	2,837,793	2.79%	98,718,840	8.44%	36.82%
2016	66,531,323	34,967,929	101,499,252	1,392,750	1.37%	100,106,502	-1.43%	38.75%
2017	76,146,290	35,354,794	111,501,084	2,122,806	1.90%	109,378,278	7.76%	51.60%
2018	79,474,142	35,782,607	115,256,749	2,103,044	1.82%	113,153,705	1.48%	56.83%
2019	74,439,541	34,620,960	109,060,501	1,918,499	1.76%	107,142,002	-7.04%	48.50%
Rate Ann%chg	3.95%	4.82%	4.22%	Ag Imprv+Site w/o growth			2.19%	

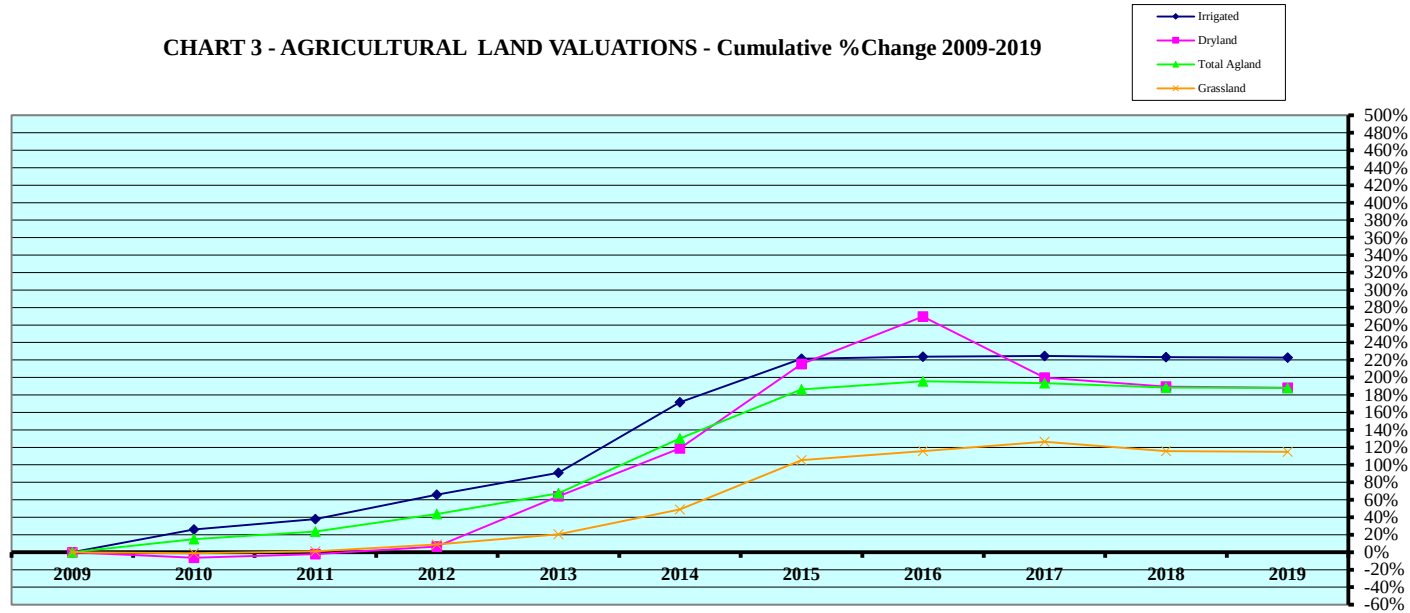
(1) Residential & Recreational excludes AgDwelling & farm home site land; Comm. & Indust. excludes minerals; Agric. land includes irrigated, dry, grass, waste & other agland, excludes farm site land. Real property growth is value attributable to new construction, additions to existing buildings, and any improvements to real property which increase the value of such property.
Sources:
Value; 2009 - 2019 CTL
Growth Value; 2009-2019 Abstract of Asmnt Rpt.

Cnty# 47
County HOWARD

CHART 2

NE Dept. of Revenue, Property Assessment Division
Prepared as of 03/01/2020

CHART 3 - AGRICULTURAL LAND VALUATIONS - Cumulative %Change 2009-2019



Tax Year	Irrigated Land				Dryland				Grassland			
	Value	Value Chg	Ann%chg	Cmltv%chg	Value	Value Chg	Ann%chg	Cmltv%chg	Value	Value Chg	Ann%chg	Cmltv%chg
2009	183,912,692	--	--	--	27,357,880	--	--	--	91,149,438	--	--	--
2010	231,574,313	47,661,621	25.92%	25.92%	25,620,027	-1,737,853	-6.35%	-6.35%	90,087,410	-1,062,028	-1.17%	-1.17%
2011	253,640,437	22,066,124	9.53%	37.91%	26,757,080	1,137,053	4.44%	-2.20%	92,039,923	1,952,513	2.17%	0.98%
2012	305,191,848	51,551,411	20.32%	65.94%	29,113,903	2,356,823	8.81%	6.42%	99,195,676	7,155,753	7.77%	8.83%
2013	350,969,293	45,777,445	15.00%	90.83%	44,826,167	15,712,264	53.97%	63.85%	109,802,599	10,606,923	10.69%	20.46%
2014	499,243,266	148,273,973	42.25%	171.46%	59,847,264	15,021,097	33.51%	118.76%	135,653,900	25,851,301	23.54%	48.83%
2015	590,929,597	91,686,331	18.37%	221.31%	86,263,975	26,416,711	44.14%	215.32%	187,217,417	51,563,517	38.01%	105.40%
2016	595,421,815	4,492,218	0.76%	223.75%	101,119,138	14,855,163	17.22%	269.62%	196,632,837	9,415,420	5.03%	115.73%
2017	596,946,008	1,524,193	0.26%	224.58%	82,000,812	-19,118,326	-18.91%	199.73%	206,348,232	9,715,395	4.94%	126.38%
2018	594,339,718	-2,606,290	-0.44%	223.16%	79,211,328	-2,789,484	-3.40%	189.54%	196,515,487	-9,832,745	-4.77%	115.60%
2019	593,663,937	-675,781	-0.11%	222.80%	78,834,496	-376,832	-0.48%	188.16%	195,861,740	-653,747	-0.33%	114.88%

Rate Ann.%chg: Irrigated **12.43%** Dryland **11.16%** Grassland **7.95%**

Tax Year	Waste Land ⁽¹⁾				Other Agland ⁽¹⁾				Total Agricultural			
	Value	Value Chg	Ann%chg	Cmltv%chg	Value	Value Chg	Ann%chg	Cmltv%chg	Value	Value Chg	Ann%chg	Cmltv%chg
2009	472,185	--	--	--	(154,081)	--	--	--	302,738,114	--	--	--
2010	516,834	44,649	9.46%	9.46%	90,021	244,102	--	--	347,888,605	45,150,491	14.91%	14.91%
2011	1,387,977	871,143	168.55%	193.95%	181,952	91,931	102.12%	--	374,007,369	26,118,764	7.51%	23.54%
2012	1,405,341	17,364	1.25%	197.63%	183,552	1,600	0.88%	--	435,090,320	61,082,951	16.33%	43.72%
2013	1,260,473	-144,868	-10.31%	166.94%	178,264	-5,288	-2.88%	--	507,036,796	71,946,476	16.54%	67.48%
2014	1,417,850	157,377	12.49%	200.27%	242,754	64,490	36.18%	--	696,405,034	189,368,238	37.35%	130.04%
2015	2,075,534	657,684	46.39%	339.56%	345,421	102,667	42.29%	--	866,831,944	170,426,910	24.47%	186.33%
2016	1,531,119	-544,415	-26.23%	224.26%	244,991	-100,430	-29.07%	--	894,949,900	28,117,956	3.24%	195.62%
2017	1,388,259	-142,860	-9.33%	194.01%	1,611,791	1,366,800	557.90%	--	888,295,102	-6,654,798	-0.74%	193.42%
2018	1,389,360	1,101	0.08%	194.24%	1,827,642	215,851	13.39%	--	873,283,535	-15,011,567	-1.69%	188.46%
2019	1,389,850	490	0.04%	194.34%	1,826,479	-1,163	-0.06%	--	871,576,502	-1,707,033	-0.20%	187.90%

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Rate Ann.%chg: Total Agric Land **11.15%**

CHART 4 - AGRICULTURAL LAND - AVERAGE VALUE PER ACRE - Cumulative % Change 2009-2019 (from County Abstract Reports)⁽¹⁾

Tax Year	IRRIGATED LAND					DRYLAND					GRASSLAND				
	Value	Acres	Avg Value per Acre	Ann%chg AvgVal/acre	Cmltv%chg AvgVal/Acre	Value	Acres	Avg Value per Acre	Ann%chg AvgVal/acre	Cmltv%chg AvgVal/Acre	Value	Acres	Avg Value per Acre	Ann%chg AvgVal/acre	Cmltv%chg AvgVal/Acre
2009	183,840,121	132,986	1,382			27,306,623	38,458	710			91,179,353	161,125	566		
2010	231,481,824	133,178	1,738	25.73%	25.73%	25,698,171	38,436	669	-5.84%	-5.84%	90,169,996	160,780	561	-0.89%	-0.89%
2011	253,537,927	133,712	1,896	9.09%	37.16%	26,759,948	38,032	704	5.24%	-0.90%	92,222,342	160,360	575	2.54%	1.63%
2012	305,154,316	133,679	2,283	20.39%	65.13%	29,139,032	37,589	775	10.17%	9.18%	99,216,998	160,622	618	7.41%	9.16%
2013	351,066,456	135,663	2,588	13.36%	87.19%	44,986,700	37,180	1,210	56.08%	70.41%	109,683,503	159,301	689	11.47%	21.67%
2014	499,118,856	136,625	3,653	41.17%	164.26%	59,847,768	36,645	1,633	34.98%	130.02%	135,653,714	159,488	851	23.53%	50.30%
2015	590,882,003	137,029	4,312	18.04%	211.93%	86,822,326	37,766	2,299	40.77%	223.78%	186,797,297	157,772	1,184	39.20%	109.22%
2016	595,399,864	137,603	4,327	0.34%	213.00%	102,324,301	43,620	2,346	2.04%	230.38%	195,869,698	152,711	1,283	8.33%	126.65%
2017	596,812,268	137,979	4,325	-0.04%	212.89%	82,325,258	34,863	2,361	0.66%	232.57%	206,087,066	160,708	1,282	-0.02%	126.61%
2018	594,364,306	138,224	4,300	-0.59%	211.05%	79,193,771	34,462	2,298	-2.68%	223.65%	196,323,368	160,858	1,220	-4.83%	115.67%
2019	593,852,318	138,791	4,279	-0.49%	209.51%	78,774,117	34,293	2,297	-0.04%	223.52%	195,834,125	160,470	1,220	-0.01%	115.66%

Rate Annual %chg Average Value/Acre:

11.96%

12.46%

7.99%

Tax Year	WASTE LAND ⁽²⁾					OTHER AGLAND ⁽²⁾					TOTAL AGRICULTURAL LAND ⁽¹⁾				
	Value	Acres	Avg Value per Acre	Ann%chg AvgVal/acre	Cmltv%chg AvgVal/Acre	Value	Acres	Avg Value per Acre	Ann%chg AvgVal/acre	Cmltv%chg AvgVal/Acre	Value	Acres	Avg Value per Acre	Ann%chg AvgVal/acre	Cmltv%chg AvgVal/Acre
2009	479,430	3,253	147			56,126	374	150			302,861,653	336,196	901		
2010	507,051	3,475	146	-0.98%	-0.98%	60,324	402	150	0.00%	0.00%	347,917,366	336,271	1,035	14.85%	14.85%
2011	1,427,397	3,553	402	175.27%	172.57%	181,952	455	400	166.65%	166.66%	374,129,566	336,112	1,113	7.58%	23.56%
2012	1,396,451	3,476	402	0.00%	172.57%	179,952	450	400	0.00%	166.66%	435,086,749	335,816	1,296	16.40%	43.82%
2013	1,260,273	3,136	402	0.05%	172.69%	170,608	427	400	0.00%	166.66%	507,167,540	335,706	1,511	16.61%	67.70%
2014	1,441,000	2,865	503	25.14%	241.25%	200,220	400	500	25.00%	233.32%	696,261,558	336,024	2,072	37.15%	130.01%
2015	2,093,722	2,763	758	50.66%	414.13%	289,969	387	750	50.00%	399.99%	866,885,317	335,717	2,582	24.62%	186.64%
2016	1,529,521	1,993	768	1.31%	420.86%	238,241	318	750	0.00%	399.99%	895,361,625	336,244	2,663	3.12%	195.59%
2017	1,390,009	1,808	769	0.17%	421.75%	1,616,291	781	2,070	176.02%	1280.07%	888,230,892	336,139	2,642	-0.77%	193.33%
2018	1,381,112	1,790	772	0.33%	423.49%	1,827,641	757	2,414	16.60%	1509.17%	873,090,198	336,092	2,598	-1.69%	188.37%
2019	1,389,850	1,802	771	-0.02%	423.40%	1,826,479	756	2,417	0.14%	1511.45%	871,676,889	336,112	2,593	-0.17%	187.89%

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HOWARD

Rate Annual %chg Average Value/Acre:

11.15%

(1) Valuations from County Abstracts vs Certificate of Taxes Levied Reports (CTL) will vary due to different reporting dates. Source: 2009 - 2019 County Abstract Reports
 Agland Assessment Level 1998 to 2006 = 80%; 2007 & forward = 75% NE Dept. of Revenue, Property Assessment Division Prepared as of 03/01/2020

Sources: 2019 Certificate of Taxes Levied CTL, 2010 US Census; Dec. 2019 Municipality Population per Research Division NE Dept. of Revenue, Property Assessment Division Prepared as of 03/01/2020

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