

Land Use

Land Use Changes in Alberta

Table 1a: Conversion – Land Use in Alberta

Year	Area by Land Use Class (hectares)			
	Agricultural	Non-Agricultural	Rural Residential	Urban
2011	21,013,670	38,130,450	210,440	428,850
2012	21,024,000	38,137,810	215,890	437,370
2013	21,037,100	38,076,320	217,910	437,240
2014	21,045,480	38,057,400	218,840	437,890
2015	21,024,610	38,038,140	224,180	438,520
2016	21,013,810	38,071,320	226,880	445,310
2017	21,006,492	38,061,231	229,791	451,911
2018	21,010,403	38,054,915	232,459	459,693

Table 1b: Conversion – Land Use Change in Alberta

Year	Net Change in Area by Land Use Class (hectares)			
	Agricultural	Non-Agricultural	Rural Residential	Urban
2011-2012	10,330	7,360	5,450	8,520
2012-2013	13,100	-61,490	2,020	-130
2013-2014	8,380	-18,920	930	650
2014-2015	-20,870	-19,260	5,340	630
2015-2016	-10,800	33,180	2,700	6,790
2016-2017	-7,318	-10,089	2,911	6,602
2017-2018	3,911	-6,315	2,668	7,781
Total (2011-2018)	-3,267	-75,535	22,019	30,843

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Table 2a: Conversion – Area of Agricultural Land in Alberta by Land Suitability Rating System Class

Area by LSRS Class (hectares)							
Year	2	3	4	5	6	7	0 ¹
2011	4,158,700	8,120,890	4,083,070	2,111,790	1,755,460	749,760	33,990
2012	4,156,360	8,119,080	4,087,880	2,114,800	1,762,070	750,300	33,500
2013	4,155,390	8,117,480	4,091,600	2,123,880	1,762,290	751,760	34,370
2014	4,153,520	8,122,340	4,090,670	2,122,940	1,769,850	751,610	34,560
2015	4,152,140	8,115,990	4,091,380	2,113,470	1,766,420	750,790	34,430
2016	4,151,320	8,110,070	4,089,390	2,112,710	1,765,730	750,290	34,300
2017	4,148,700	8,103,914	4,091,291	2,114,046	1,764,995	749,141	34,404
2018	4,147,599	8,096,882	4,090,997	2,120,195	1,770,834	749,593	34,303

Table 2b: Conversion – Change in Area of Agricultural Land by LSRS Class in Alberta

Net Change in Area by LSRS Class (hectares)							
Year	2	3	4	5	6	7	0
2011-2012	-2,340	-1,810	4,810	3,010	6,610	540	-490
2012-2013	-970	-1,600	3,720	9,080	220	1,460	870
2013-2014	-1,870	4,860	-930	-940	7,560	-150	190
2014-2015	-1,380	-6,350	710	-9,470	-3,430	-820	-130
2015-2016	-820	-5,920	-1,990	-760	-690	-500	-130
2016-2017	-2,620	-6,156	1,902	1,336	-735	-1,148	104
2017-2018	-1,101	-7,032	-294	6,149	5,839	451	-101
Total (2011-2018)	-11,101	-24,008	7,927	8,405	15,374	-167	313

¹ Not classified

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Table 3a: Fragmentation – Parcel Size Distribution in Alberta

Parcel Size (acres) Distribution in Alberta (number of parcels)						
Year	Total Parcels	>240	160-240	80-160	10-80	% < 80
2011	611,561	13	54,951	265,189	90,847	14.9
2012	639,044	13	53,742	266,036	92,997	14.6
2013	619,354	16	54,390	265,843	93,045	15.0
2014	622,723	15	54,319	265,920	93,946	15.1
2015	625,809	14	54,002	265,830	94,822	15.2
2016	628,713	15	53,579	266,023	95,331	15.2
2017	633,382	15	53,467	265,967	95,853	15.1
2018	635,252	15	53,342	266,106	96,409	15.2

Table 3b: Fragmentation – Annual Change in Parcel Size Distribution in Alberta

Annual Change in Parcel Size (acres) Distribution in Alberta (number of parcels)						
Year	Total Parcels	>240	160-240	80-160	10-80	% < 80
2011-2012	27,483	0	-1,209	847	2,150	-0.3
2012-2013	-19,690	3	648	-193	48	0.5
2013-2014	3,369	-1	-71	77	901	0.1
2014-2015	3,086	-1	-317	-90	876	0.1
2015-2016	2,904	1	-423	193	509	0.0
2016-2017	4,669	0	-112	-56	522	0.0
2017-2018	1,870	0	-125	139	556	0.0
Total (2011-2018)	23,691	2	-1,609	917	5,562	0.3

The data has been rounded to the nearest 10 in Tables 1a, 1b, 2a, and 2b (up until 2016) and to the nearest tenth in the percentage column of Tables 3a and 3b.