

Land Use

Land Use Changes in the Red Deer Region

Table 1a: Conversion – Land Use in the Red Deer Region

Area by Land Use Class (hectares)				
Year	Agricultural	Non-Agricultural	Rural Residential	Urban
2011	4,347,670	301,360	28,850	50,370
2012	4,354,340	292,680	29,810	50,760
2013	4,355,220	291,410	30,110	50,820
2014	4,356,740	289,120	30,470	50,840
2015	4,359,380	285,580	31,000	50,850
2016	4,358,800	285,050	31,340	51,560
2017	4,359,016	283,761	31,655	52,090
2018	4,359,013	283,378	31,928	52,042

Table 1b: Conversion – Land Use Change in the Red Deer Region

Net Change in Area by Land Use Class (hectares)				
Year	Agricultural	Non-Agricultural	Rural Residential	Urban
2011-2012	6,670	-8,680	960	390
2012-2013	880	-1,270	300	60
2013-2014	1,520	-2,290	360	20
2014-2015	2,640	-3,540	530	10
2015-2016	-580	-530	340	710
2016-2017	216	-1,289	315	530
2017-2018	-3	-383	273	-48
Total (2011-2018)	11,343	-17,982	3,078	1,672

Land Use

Table 2a: Conversion – Area of Agricultural Land in the Red Deer Region by Land Suitability Rating System Class

Year	Area by LSRS Class (hectares)						
	2	3	4	5	6	7	0 ¹
2011	726,800	1,404,520	868,850	624,650	599,700	118,780	4,370
2012	726,540	1,405,580	869,930	626,680	602,170	119,010	4,430
2013	726,160	1,405,660	870,230	627,260	602,270	119,210	4,430
2014	725,890	1,405,630	870,820	627,550	602,980	119,470	4,400
2015	725,630	1,405,770	871,980	628,480	603,360	119,740	4,430
2016	725,620	1,405,090	872,100	628,550	603,290	119,720	4,430
2017	725,679	1,404,445	872,428	628,592	603,635	119,819	4,417
2018	725,479	1,404,399	872,568	628,616	603,661	119,848	4,441

Table 2b: Conversion – Change in Area of Agricultural Land by LSRS Class in the Red Deer Region

Year	Net Change in Area by LSRS Class (hectares)						
	2	3	4	5	6	7	0
2011-2012	-260	1,060	1,080	2,030	2,470	230	60
2012-2013	-380	80	300	580	100	200	0
2013-2014	-270	-30	590	290	710	260	-30
2014-2015	-260	140	1,160	930	380	270	30
2015-2016	-10	-680	120	70	-70	-20	0
2016-2017	59	-645	328	42	345	99	-13
2017-2018	-200	-46	140	24	25	29	24
Total (2011-2018)	-1,321	-121	3,718	3,966	3,961	1,068	71

¹ Not classified

Land Use

Table 3a: Fragmentation – Parcel Size Distribution in the Red Deer Region

Parcel Size (acres) Distribution in Alberta (number of parcels)						
Year	Total Parcels	>240	160-240	80-160	10-80	% < 80
2011	108,593	1	9,419	58,434	11,618	10.7
2012	110,323	1	10,426	57,526	11,665	10.6
2013	109,967	1	9,303	58,661	11,992	10.9
2014	110,465	1	9,268	58,709	12,134	11.0
2015	111,005	1	9,236	58,780	12,264	11.0
2016	111,428	1	9,195	58,810	12,325	11.1
2017	111,839	1	9,225	58,767	12,402	11.1
2018	112,214	1	9,203	58,794	12,500	11.1

Table 3b: Fragmentation – Annual Change in Parcel Size Distribution in the Red Deer Region

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	1,730	0	1,007	-908	47	-0.1
2012-2013	-356	0	-1,123	1,135	327	0.3
2013-2014	498	0	-35	48	142	0.1
2014-2015	540	0	-32	71	130	0.0
2015-2016	423	0	-41	30	61	0.0
2016-2017	411	0	30	-43	77	0.0
2017-2018	375	0	-22	27	98	0.1
Total (2011-2018)	3,621	0	-216	360	882	0.4

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.