

Land Use

Land Use Changes in the Red Deer Region

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

Year	Area by Land Use Class (hectares)			
	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

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

Year	Net Change in Area by Land Use Class (hectares)			
	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
Total (2011-2016)	11,130	-16,310	2,490	1,190

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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
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

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
Total (2011-2016)	-1,180	570	3,250	3,900	3,590	940	60

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

Year	Total Parcels	Parcel Size (acres) Distribution in Alberta (number of parcels)				% < 80
		>240	160-240	80-160	10-80	
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

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

Year	Total Parcels	Annual Change in Parcel Size (acres) Distribution in Alberta (number of parcels)				% < 80
		>240	160-240	80-160	10-80	
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
Total (2011-2016)	2,835	0	-224	376	707	0.4

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