

Land Use

Land Use Changes in the North Saskatchewan Region

Table 1a: Conversion – Land Use in the North Saskatchewan Region

Year	Area by Land Use Class (hectares)			
	Agricultural	Non-Agricultural	Rural Residential	Urban
2011	5,153,380	2,427,150	73,080	146,260
2012	5,151,580	2,424,560	75,120	148,260
2013	5,160,780	2,414,820	75,760	148,110
2014	5,160,400	2,412,910	76,960	148,590
2015	5,158,570	2,413,220	78,100	148,810
2016	5,158,280	2,411,910	79,250	148,860
2017	5,160,582	2,406,638	79,827	151,159

Table 1b: Conversion – Land Use Change in the North Saskatchewan Region

Year	Net Change in Area by Land Use Class (hectares)			
	Agricultural	Non-Agricultural	Rural Residential	Urban
2011-2012	-1,800	-2,590	2,040	2,000
2012-2013	9,200	-9,740	640	-150
2013-2014	-380	-1,910	1,200	480
2014-2015	-1,830	310	1,140	220
2015-2016	-290	-1,310	1,150	50
2016-2017	2,302	-5,272	577	2,299
Total (2011-2017)	7,202	-20,512	6,747	4,899

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

Year	Area by LSRS Class (hectares)						
	2	3	4	5	6	7	0
2011	2,315,540	1,648,620	617,250	292,870	141,240	123,270	14,580
2012	2,314,410	1,646,080	619,780	292,670	141,170	123,030	14,430
2013	2,313,930	1,645,560	622,320	299,920	141,100	123,110	14,540
2014	2,312,850	1,646,440	621,860	300,620	141,080	123,090	14,460
2015	2,311,970	1,645,920	621,530	300,590	141,020	123,060	14,470
2016	2,311,300	1,646,760	621,180	300,590	141,000	123,060	14,390
2017	2,308,754	1,646,141	624,886	302,389	140,962	123,033	14,416

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

Year	Net Change in Area by LSRS Class (hectares)						
	2	3	4	5	6	7	0
2011-2012	-1,130	-2,540	2,530	-200	-70	-240	-150
2012-2013	-480	-520	2,540	7,250	-70	80	110
2013-2014	-1,080	880	-460	700	-20	-20	-80
2014-2015	-880	-520	-330	-30	-60	-30	10
2015-2016	-670	840	-350	0	-20	0	-80
2016-2017	-2,546	-619	3,706	1,799	-38	-26	26
Total (2011-2017)	-6,786	-2,479	7,636	9,519	-278	-237	-164

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Table 3a: Fragmentation – Parcel Size Distribution in the North Saskatchewan Region

Parcel Size (acres) Distribution in the North Saskatchewan Region (number of parcels)						
Year	Total Parcels	>240	160-240	80-160	10-80	% < 80
2011	174,414	2	9,971	67,156	28,983	16.6
2012	180,808	2	9,607	67,293	29,693	16.4
2013	177,348	2	9,813	67,254	29,873	16.8
2014	178,634	2	9,753	67,250	30,211	16.9
2015	179,784	3	9,702	67,208	30,573	17.0
2016	181,130	3	9,608	67,254	30,791	17.0
2017	182,412	3	9,574	67,293	31,011	17.0

Table 3b: Fragmentation – Annual Change in Parcel Size Distribution in the North Saskatchewan Region

Annual Change in Parcel Size (acres) Distribution in the North Saskatchewan Region (number of parcels)						
Year	Total Parcels	>240	160-240	80-160	10-80	% < 80
2011-2012	6,394	0	-364	137	-710	-0.2
2012-2013	-3,460	0	206	-39	180	0.4
2013-2014	1,286	0	-60	-4	338	0.1
2014-2015	1,150	1	-51	-42	362	0.1
2015-2016	1,346	0	-94	46	218	0.0
2016-2017	1,282	0	-34	39	220	0.0
Total (2011-2017)	7,998	1	-397	137	2,028	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.