

# Land Use

## Land Use Changes in the South Saskatchewan Region

Table 1a: Conversion - Land Use in the South Saskatchewan Region

| Area by Land Use Class (hectares) |              |                  |                   |         |
|-----------------------------------|--------------|------------------|-------------------|---------|
| Year                              | Agricultural | Non-Agricultural | Rural Residential | Urban   |
| 2011                              | 6,147,680    | 1,070,390        | 55,330            | 158,580 |
| 2012                              | 6,128,200    | 1,077,610        | 55,840            | 164,360 |
| 2013                              | 6,132,960    | 1,072,570        | 56,120            | 164,360 |
| 2014                              | 6,144,480    | 1,058,160        | 54,450            | 164,450 |
| 2015                              | 6,140,410    | 1,061,140        | 56,930            | 164,560 |
| 2016                              | 6,139,600    | 1,059,820        | 57,480            | 164,710 |
| 2017                              | 6,135,775    | 1,061,866        | 58,063            | 167,508 |
| 2018                              | 6,147,597    | 1,049,046        | 59,849            | 167,542 |

Table 1b: Conversion - Land Use Change in the South Saskatchewan Region

| Net Change in Area by Land Use Class (hectares) |              |                  |                   |              |
|---|--------------|------------------|-------------------|--------------|
| Year  | Agricultural | Non-Agricultural | Rural Residential | Urban        |
| 2011-2012                                       | -19,480      | 7,220            | 510               | 5,780        |
| 2012-2013                                       | 4,760        | -5,040           | 280               | 0            |
| 2013-2014                                       | 11,520       | -14,410          | -1,670            | 90           |
| 2014-2015                                       | -4,070       | 2,980            | 2,480             | 110          |
| 2015-2016                                       | -810         | -1,320           | 550               | 150          |
| 2016-2017                                       | -3,825       | 2,046            | 583               | 2,798        |
| 2017-2018                                       | 11,822       | -12,820          | 1,786             | 34           |
| <b>Total (2011-2018)</b>                        | <b>-83</b>   | <b>-21,344</b>   | <b>4,519</b>      | <b>8,962</b> |

# Land Use

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

| Year | Area by LSRS Class (hectares) |           |           |         |         |         |                |
|------|-------------------------------|-----------|-----------|---------|---------|---------|----------------|
|      | 2                             | 3         | 4         | 5       | 6       | 7       | 0 <sup>1</sup> |
| 2011 | 549,390                       | 1,777,110 | 1,946,310 | 941,230 | 733,030 | 189,280 | 11,340         |
| 2012 | 548,350                       | 1,767,910 | 1,943,970 | 939,800 | 730,550 | 186,150 | 11,480         |
| 2013 | 548,430                       | 1,767,920 | 1,944,870 | 940,380 | 730,500 | 189,290 | 11,560         |
| 2014 | 548,000                       | 1,773,900 | 1,944,000 | 938,900 | 737,630 | 189,210 | 12,830         |
| 2015 | 547,930                       | 1,773,310 | 1,943,680 | 935,990 | 737,240 | 189,190 | 13,060         |
| 2016 | 548,020                       | 1,773,370 | 1,943,460 | 935,540 | 736,980 | 189,210 | 13,020         |
| 2017 | 547,891                       | 1,770,089 | 1,943,030 | 935,490 | 736,978 | 189,229 | 13,067         |
| 2018 | 547,688                       | 1,769,186 | 1,943,539 | 941,683 | 743,358 | 189,126 | 13,016         |

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

| Year              | Net Change in Area by LSRS Class (hectares) |        |        |        |        |        |       |
|-------------------|---|--------|--------|--------|--------|--------|-------|
|                   | 2   | 3      | 4      | 5      | 6      | 7      | 0     |
| 2011-2012         | -1,040                                      | -9,200 | -2,340 | -1,430 | -2,480 | -3,130 | 140   |
| 2012-2013         | 80  | 10     | 900    | 580    | -50    | 3,140  | 80    |
| 2013-2014         | -430  | 5,980  | -870   | -1,480 | 7,130  | -80    | 1,270 |
| 2014-2015         | -70   | -590   | -320   | -2,910 | -390   | -20    | 230   |
| 2015-2016         | 90  | 60     | -220   | -450   | -260   | 20     | -40   |
| 2016-2017         | -129  | -3281  | -430   | -50    | -2     | 19     | 47    |
| 2017-2018         | -203  | -902   | 509    | 6,192  | 6,380  | -103   | -51   |
| Total (2011-2018) | -1,702                                      | -7,924 | -2,771 | 453    | 10,328 | -154   | 1,676 |

<sup>1</sup> Not classified

# Land Use

**Table 3a: Fragmentation - Parcel Size Distribution in the South Saskatchewan Region**

| Parcel Size (acres) Distribution in the South Saskatchewan Region (number of parcels) |               |      |         |        |        |        |
|---|---------------|------|---------|--------|--------|--------|
| Year  | Total Parcels | >240 | 160-240 | 80-160 | 10-80  | % < 80 |
| 2011  | 177,036       | 8    | 20,815  | 72,171 | 28,785 | 16.3   |
| 2012  | 187,004       | 7    | 19,583  | 72,990 | 29,233 | 15.6   |
| 2013  | 177,037       | 8    | 20,637  | 72,121 | 28,783 | 16.3   |
| 2014  | 177,684       | 10   | 20,755  | 72,144 | 28,850 | 16.2   |
| 2015  | 178,362       | 10   | 20,707  | 72,123 | 28,915 | 16.2   |
| 2016  | 178,895       | 11   | 20,576  | 72,232 | 28,916 | 16.2   |
| 2017  | 180,065       | 11   | 20,522  | 72,249 | 28,889 | 16.0   |
| 2018  | 181,491       | 11   | 20,523  | 72,429 | 28,932 | 15.9   |

**Table 3b: Fragmentation - Annual Change in Parcel Size Distribution in the South Saskatchewan Region**

| Annual Change in Parcel Size (acres) Distribution in the South Saskatchewan Region (number of parcels) |               |          |             |            |            |             |
|--|---------------|----------|-------------|------------|------------|-------------|
| Year   | Total Parcels | >240     | 160-240     | 80-160     | 10-80      | % < 80      |
| 2011-2012  | 9,968         | -1       | -1,232      | 819        | 448        | -0.6        |
| 2012-2013  | -9,967        | 1        | 1,054       | -869       | -450       | 0.6         |
| 2013-2014  | 647           | 2        | 118         | 23         | 67         | 0.0         |
| 2014-2015  | 678           | 0        | -48         | -21        | 65         | 0.0         |
| 2015-2016  | 533           | 1        | -131        | 109        | 1          | 0.0         |
| 2016-2017  | 1,170         | 0        | -54         | 17         | -27        | -0.1        |
| 2017-2018  | 1,426         | 0        | 1           | 180        | 43         | -0.1        |
| <b>Total (2011-2018)</b>   | <b>4,455</b>  | <b>3</b> | <b>-292</b> | <b>258</b> | <b>147</b> | <b>-0.3</b> |

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.