

Tillage practices used to prepare land (acres) for seeding, Canada, 1991-2006

Source: Statistics Canada websites, courtesy of Tom Goddard, Alberta Agriculture & Rural Development, Canada, October, 2011

	Farms reporting				Area in acres				Percentage of total land prepared for seeding			
	Census Year				Census Year				Census Year			
	1991	1996	2001	2006	1991	1996	2001	2006	1991	1996	2001	2006
Total land prepared for seeding(1)	210,350	181,817	167,325	147,501	71,731,650	70,901,537	73,472,899	71,781,032	100	100	100	100
Tillage incorporating most of the crop residue into the soil(1,2)	174,888	136,912	116,647	87,204	49,387,997	37,891,867	29,750,778	20,114,443	69	53	40	28
Tillage retaining most of the crop residue on the surface(1,2)	45,429	53,624	46,725	43,495	17,522,247	21,663,137	21,918,819	18,354,767	24	31	30	26
No-till seeding or zero-till seeding(1)	17,556	26,919	36,740	43,715	4,821,406	11,346,533	21,803,302	33,311,822	7	16	30	46

Footnotes:

1. When comparing the data on tillage practices to previous censuses, calculating each practice as a percentage of the total land prepared for seeding is recommended, since the total land prepared for seeding varies over time.
2. The terms 'conventional tillage' and 'conservation tillage' were used on the 1991 questionnaire, but were dropped for 1996 and 2001. However the descriptions of these two tillage practices were identical on all three questionnaires

Note: The data is for all of Canada. There are regional variations.

Tillage practices used to prepare land (hectares) for seeding, Canada, 1991-2006

Source: Statistics Canada websites, courtesy of Tom Goddard, Alberta Agriculture & Rural Development, Canada, October, 2011

	Farms reporting				Area in hectares				Percentage of total land prepared for seeding			
	Census Year				Census Year				Census Year			
	1991	1996	2001	2006	1991	1996	2001	2006	1991	1996	2001	2006
Total land prepared for seeding(1)	210,350	181,817	167,325	147,501	29,028,769	28,692,834	29,733,427	29,048,753	100	100	100	100
Tillage incorporating most of the crop residue into the soil(1,2)	174,888	136,912	116,647	87,204	19,986,613	15,334,295	12,039,713	8,140,026	69	53	40	28
Tillage retaining most of the crop residue on the surface(1,2)	45,429	53,624	46,725	43,495	7,091,002	8,766,761	8,870,231	7,427,911	24	31	30	26
No-till seeding or zero-till seeding(1)	17,556	26,919	36,740	43,715	1,951,154	4,591,779	8,823,483	13,480,816	7	16	30	46

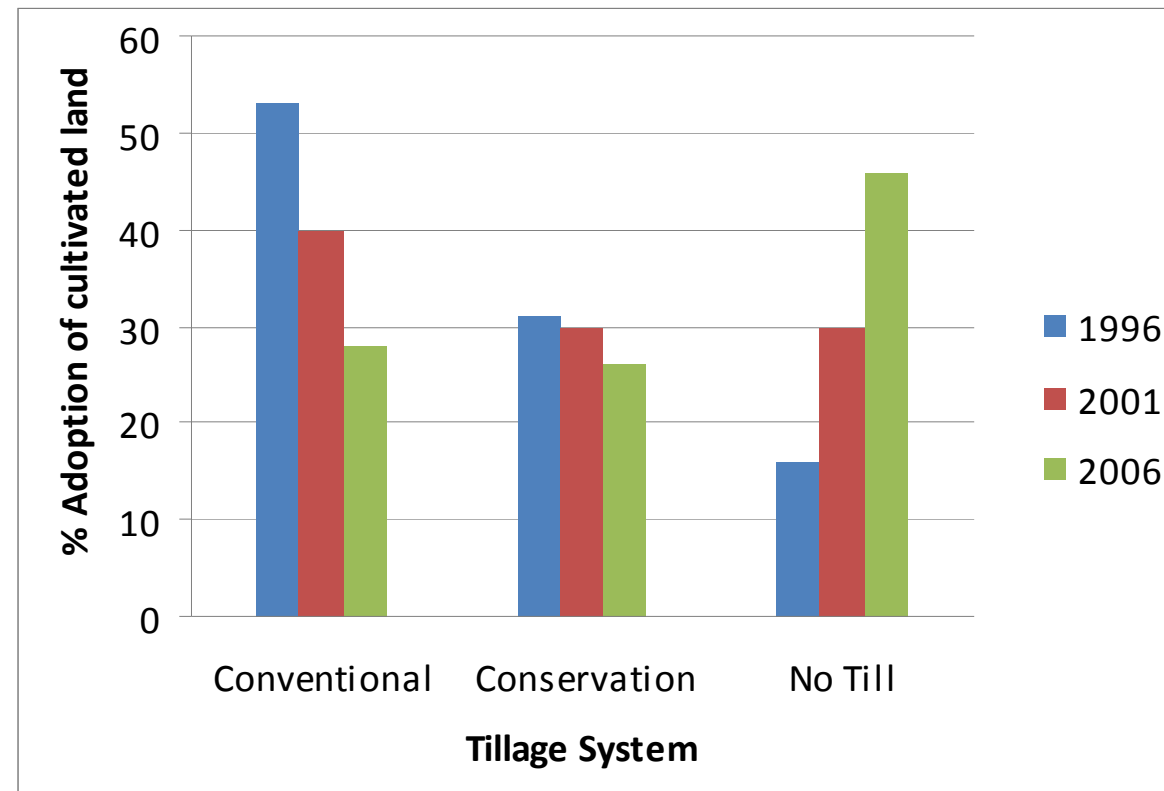
Footnotes:

- 1 When comparing the data on tillage practices to previous censuses, calculating each practice as a percentage of the total land prepared for seeding is recommended, since the total land prepared for seeding varies over time.
- 2 The terms 'conventional tillage' and 'conservation tillage' were used on the 1991 questionnaire, but were dropped for 1996 and 2001. However the descriptions of these two tillage practices were identical on all three questionnaires

Note: The data is for all of Canada. There are regional variations.

Canadian shift in tillage systems over a decade to 2006.

Source: Statistics Canada websites, courtesy of Tom Goddard, Alberta Agriculture & Rural Development, Canada, October, 2011



Each practice is calculated as a percentage of the total land prepared for seeding