

# MONTANA FISH, WILDLIFE, & PARKS

## EFFECTS OF YOUTH SPORTSMAN ON DEER AND ELK SALES

<u>LICENSE TYPE</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>
Res. Sportsman (w/o bear)	9,600	10,341	11,208	12,482	17,322	17,522	18,204	19,280	17,977
Res. Sportsman (w/bear)	11,103	11,927	12,635	13,361	10,702	10,916	12,449	13,435	13,065
Res. Youth Sportsman			3,672	4,613	4,839	4,281	3,903	3,912	5,066
Res. Senior Sportsman									1,342
Military Recognition Sportsman								28	428
Cooperators Sportsman								1,029	1,017
Res. Free Youth Sportsman						4,003	4,939	4,804	4,954
Deer A - Adult	92,569	91,606	88,233	87,511	86,883	87,268	88,289	86,342	84,448
Deer A - Senior, Youth, Disab.	21,728	22,167	21,709	22,345	23,685	21,784	23,066	23,686	23,064
<b>Total Resident Deer A</b>	<b>135,000</b>	<b>136,041</b>	<b>137,457</b>	<b>140,312</b>	<b>143,431</b>	<b>145,774</b>	<b>150,850</b>	<b>152,516</b>	<b>151,361</b>

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Elk - Adult	74,844	72,281	68,826	66,965	66,598	64,874	66,616	63,959	63,342
Elk-Senior, Youth, Disabled	17,006	17,351	16,704	17,480	19,508	17,688	19,254	19,714	19,448
<b>Total Resident Elk</b>	<b>112,553</b>	<b>111,900</b>	<b>113,045</b>	<b>114,901</b>	<b>118,969</b>	<b>119,284</b>	<b>125,365</b>	<b>126,161</b>	<b>126,639</b>

Ratio Deer to Elk	1.20	1.22	1.22	1.22	1.21	1.22	1.20	1.21	1.20
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The youth sportsman license started in 2000 and the free youth sportsman license started in 2003.  
Shifts occur between combination and individual licenses, but overall sales have a fairly steady increase.  
The ratio of deer to elk is simply the number of deer licenses sold for every elk license sold (comparison).