



### CULLING AND REPLACEMENT RATES IN DAIRY HERDS IN CANADA

COWS		2020		2021		2022		2023		2024		2025	
Number of herds enrolled on a milk recording program		6,446		6,284		5,975		5,675		5,549		5,333	
Number of cows		614,064		600,480		585,421		563,693		567,293		563,492	
Culling Reasons		Number of cows	Total (%)	Number of cows	Total (%)	Number of cows	Total (%)	Number of cows	Total (%)	Number of cows	Total (%)	Number of cows	Total (%)
Reproductive		38,120	15.2%	37,408	15.5%	31,210	14.2%	32,215	14.5%	28,636	13.7%	28,375	13.4%
Mastitis		22,528	9.0%	21,469	8.9%	17,014	7.7%	16,775	7.6%	16,142	7.7%	15,721	7.4%
Feet and leg problems		15,243	6.1%	15,550	6.4%	12,799	5.8%	13,025	5.9%	11,813	5.7%	11,883	5.6%
Low milk production		18,744	7.5%	19,378	8.0%	16,610	7.5%	16,505	7.4%	14,841	7.1%	15,563	7.3%
Sickness		9,717	3.9%	9,405	3.9%	8,219	3.7%	7,844	3.5%	7,474	3.6%	7,633	3.6%
Injury to udder/teats		9,741	3.9%	10,364	4.3%	8,495	3.9%	8,526	3.8%	7,555	3.6%	7,463	3.5%
Injury/Accident		7,992	3.2%	8,023	3.3%	7,685	3.5%	7,261	3.3%	7,148	3.4%	6,933	3.3%
Old age		4,776	1.9%	5,058	2.1%	4,300	2.0%	4,396	2.0%	4,241	2.0%	4,406	2.1%
Difficult calving		1,186	0.5%	1,144	0.5%	1,151	0.5%	1,040	0.5%	985	0.5%	1,041	0.5%
Bad temperament		1,855	0.7%	2,052	0.8%	1,747	0.8%	1,555	0.7%	1,417	0.7%	1,356	0.6%
Conformation		1,392	0.6%	1,473	0.6%	1,428	0.6%	1,296	0.6%	1,217	0.6%	1,352	0.6%
Displaced abomasum		622	0.2%	605	0.3%	561	0.3%	458	0.2%	413	0.2%	378	0.2%
Milk fever		801	0.3%	794	0.3%	750	0.3%	596	0.3%	551	0.3%	525	0.2%
Slow milker		1,222	0.5%	1,246	0.5%	1,079	0.5%	1,180	0.5%	1,018	0.5%	1,118	0.5%
Arthritis		645	0.3%	639	0.3%	519	0.2%	538	0.2%	443	0.2%	452	0.2%
Pneumonia		942	0.4%	1,056	0.4%	1,152	0.5%	1,186	0.5%	1,213	0.6%	1,106	0.5%
Staph aureus		396	0.2%	303	0.1%	275	0.1%	215	0.1%	229	0.1%	239	0.1%
Leukosis		430	0.2%	400	0.2%	431	0.2%	451	0.2%	414	0.2%	364	0.2%
Low fat		81	0.0%	104	0.0%	177	0.1%	152	0.1%	192	0.1%	215	0.1%
Paratuberculose		32	0.0%	35	0.0%	44	0.0%	39	0.0%	49	0.0%	48	0.0%
Low protein		35	0.0%	17	0.0%	12	0.0%	33	0.0%	18	0.0%	54	0.0%
Unknown		62,197	24.8%	54,904	22.7%	56,466	25.6%	55,983	25.2%	52,406	25.1%	56,971	26.8%
<b>Total culling reasons</b>		<b>198,697</b>	<b>79.1%</b>	<b>191,427</b>	<b>79.3%</b>	<b>172,124</b>	<b>78.2%</b>	<b>171,269</b>	<b>77.2%</b>	<b>158,415</b>	<b>75.9%</b>	<b>163,196</b>	<b>75.9%</b>
<b>Culling Rate</b>		<b>32.36%</b>		<b>31.88%</b>		<b>29.40%</b>		<b>30.38%</b>		<b>27.92%</b>		<b>28.96%</b>	
Other reasons for replacement		Number of cows	Total (%)	Number of cows	Total (%)	Number of cows	Total (%)	Number of cows	Total (%)	Number of cows	Total (%)	Number of cows	Total (%)
<b>Sold for Production</b>													
Dairy production		37,788	15.0%	35,664	14.8%	35,485	16.1%	35,081	15.8%	35,248	16.9%	35,005	16.5%
Exported		1,651	0.7%	1,347	0.6%	1,631	0.7%	2,206	1.0%	2,225	1.1%	2,475	1.2%
Transfers		992	0.4%	905	0.4%	1,310	0.6%	1,176	0.5%	1,106	0.5%	1,446	0.7%
Rented out		279	0.1%	347	0.1%	511	0.2%	745	0.3%	465	0.2%	564	0.3%
<b>Mortality</b>													
Poison		204	0.1%	159	0.1%	149	0.1%	147	0.1%	124	0.1%	141	0.1%
Peritonitis		221	0.1%	276	0.1%	258	0.1%	281	0.1%	215	0.1%	224	0.1%
Bloat		50	0.0%	63	0.0%	54	0.0%	64	0.0%	36	0.0%	45	0.0%
Electrocution		7	0.0%	3	0.0%	12	0.0%	7	0.0%	6	0.0%	11	0.0%
<b>Others</b>		<b>11,214</b>	<b>4.5%</b>	<b>11,337</b>	<b>4.7%</b>	<b>8,616</b>	<b>3.9%</b>	<b>10,745</b>	<b>4.8%</b>	<b>10,845</b>	<b>5.2%</b>	<b>9,181</b>	<b>4.3%</b>
<b>Total other reasons for replacement</b>		<b>52,406</b>	<b>20.9%</b>	<b>50,101</b>	<b>20.7%</b>	<b>48,026</b>	<b>21.8%</b>	<b>50,452</b>	<b>22.8%</b>	<b>50,270</b>	<b>24.1%</b>	<b>49,092</b>	<b>23.1%</b>
<b>Total Replacement Rate<sup>1</sup></b>		<b>40.89%</b>		<b>40.22%</b>		<b>37.61%</b>		<b>39.33%</b>		<b>36.79%</b>		<b>37.67%</b>	

- Nil

<sup>1</sup> Includes total culling reasons and total other reasons

Source: Lactanet



Government of Canada /  
Gouvernement du Canada

Calculations done by AAFC-AID, Market Information Section

Unclassified / Non classifié

