Lifetime Performance Index (LPI) Formula – April 2026

- March 19, 2026
- National Selection Index

Lifetime Performance Index (LPI) Formula

April 2026

	Holstein	Jersey	Ayrshire	Brown Swiss	Guernsey	Milking Shorthorn	Canadienne
Production	40	48	46	55	50	52	55
Longevity & Type	32	30	30	27	35	30	30
Health & Welfare	8	10	4	6	3	8	5
Reproduction	10	10	9	7	10	5	6
Milkability	5	2	11	5	2	5	4
Environmental Impact	5	-	-	-	-	-	-

Production Index (PI)

	Holstein	Jersey	Ayrshire	Brown Swiss	Guernsey	Milking Shorthorn	Canadienne
Fat Yield	40	33	50	50	50	50	50
Protein Yield	60	67	50	50	50	50	50

Longevity & Type Index (LTI)

	Holstein	Jersey	Ayrshire	Brown Swiss	Guernsey	Milking Shorthorn	Canadienne
Herd Life	20	20	40	40	34	26	20
Mammary System	37	40	38	32	32	42	55
Feet & Legs	33	40	22	16	24	28	25
Dairy Strength	5	-	-	-	10	4	-
Rump	5	-	-	12	-	-	-

Health & Welfare Index (HWI)

	Holstein	Jersey	Ayrshire	Brown Swiss	Guernsey	Milking Shorthorn	Canadienne
Mastitis Resistance	40	45	50	-	-	-	-
Somatic Cell Score	-	-	-	90	50	75	50
Metabolic Disease	14	40	30	10	50	25	50
Hoof Health	11	-	-	-	-	-	-
Cystic Ovaries	5	15	20	-	-	-	-
Calf Health	30	-	-	-	-	-	-

Reproduction Index (RI)

	Holstein	Jersey	Ayrshire	Brown Swiss	Guernsey	Milking Shorthorn	Canadienne
Daughter Fertility	**90**	**90**	**90**	**90**	**90**	**90**	**90**
Daughter Calving Ability	**10**	**10**	**10**	**10**	**10**	**10**	**10**

Milkability Index (MI)

	Holstein	Jersey	Ayrshire	Brown Swiss	Guernsey	Milking Shorthorn	Canadienne
Milking Speed	25	20	30	25	30	30	25
Temperament	18	20	20	18	15	15	18
Udder Depth	15	15	10	15	30	15	15
Udder Floor	-6	-10	-6	-6	-5	-6	-6
Teat Length	36	35	34	36	20	34	36

Environmental Impact Index (EI)

	Holstein	Jersey	Ayrshire	Brown Swiss	Guernsey	Milking Shorthorn	Canadienne
Methane Efficiency	37	-	-	-	-	-	-
Feed Efficiency	25	-	-	-	-	-	-
Body Maintenance Requirements	38	-	-	-	-	-	-

Previous LPI update documents

- April 2025
- April 2024
- April 2023

- April 2022
- April 2021
- April 2020
- April 2019
- April 2018
- April 2017
- April 2016
- August 2015
- April 2015
- April 2014
- April 2013
- April 2012
- April 2011
- January 2010
- January 2009
- January 2008
- February 2007

Share

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