

Milk, animals and regional structure: Tohoku

A source-bound regional reading across Japan's eight conventional report regions.

RAW MILK

497,687 t

Position 4 / 8 · 2024

DAIRY CATTLE

87,680 head

Position 4 / 8 · 2025-02-01

SOURCE-DEFINED HOLDINGS

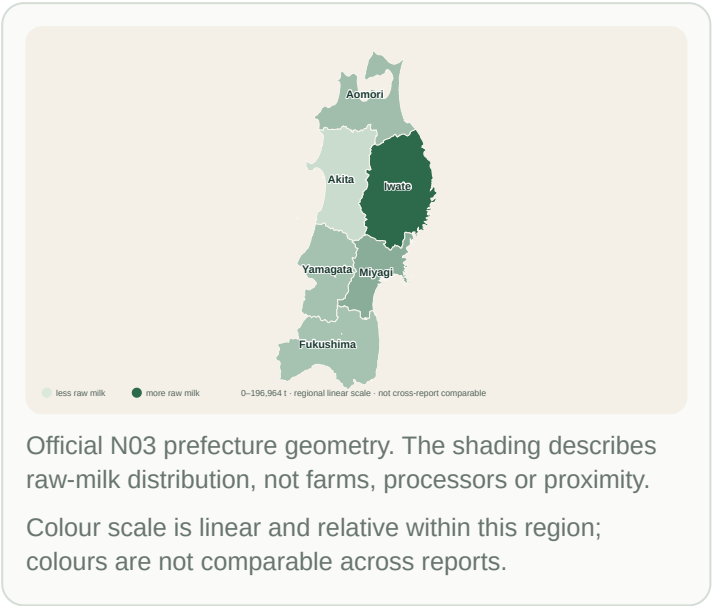
1,548 holdings

Position 3 / 8 · 2025-02-01

DAIRY CATTLE PER HOLDING

56.6 head / holding

Position 8 / 8 · 2025-02-01



Core comparisons: raw milk, dairy cattle, source-defined holdings and dairy cattle per holding. **Additional modules:** national share, processing orientation and prefecture distribution. Processing data available: 3 / 4 fields. No composite score is calculated.

Component prefectures: Iwate, Miyagi, Aomori, Yamagata, Fukushima, Akita

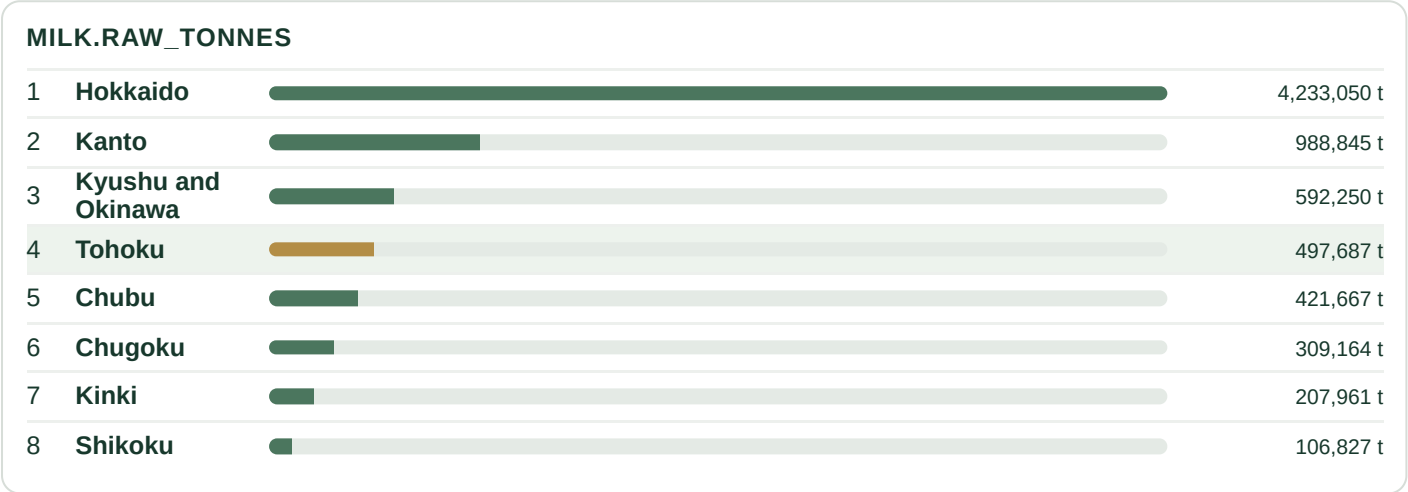
Raw milk and national share

497,687 t

Position 4 / 8

Tohoku's national share is **6.8%**. This is a view of the same 2024 milk tonnes and is not counted as another engine or another leaderboard.

National share uses the exact sum of the canonical 47-prefecture source layer: 7,357,451 t.



Bar lengths use a linear scale from zero to the largest regional raw-milk value. Printed tonne values are exact.

Period: 2024. Position is descriptive and carries no better/worse interpretation.

Dairy cattle and source-defined holdings

DAIRY CATTLE 87,680 head Position 4 / 8 · 2025-02-01	SOURCE-DEFINED HOLDINGS 1,548 holdings Position 3 / 8 · 2025-02-01	DAIRY CATTLE PER HOLDING 56.6 head / holding Position 8 / 8 · 2025-02-01
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Wording limit: holdings are the source-defined statistical units. They are not automatically producers, farms, companies or processors. Period: 1 February 2025.

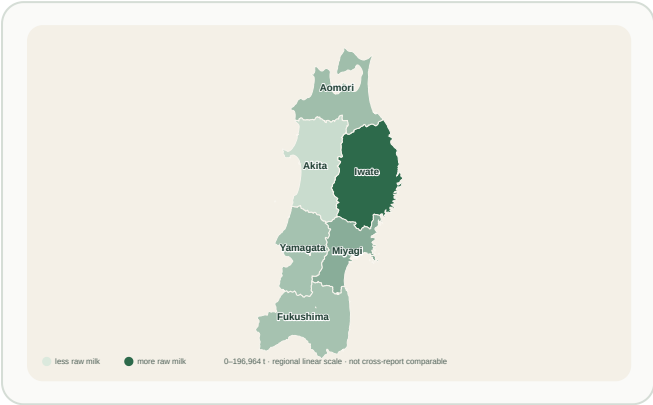
Reported processing-use volume

TOTAL RAW MILK PROCESSED 352,776 t Not independently ranked · 2024	MILK-DIRECTED SHARE 75.3% Not independently ranked · 2024
DAIRY-PRODUCT-DIRECTED SHARE 24.2% Not independently ranked · 2024	CHEESE-DIRECTED SHARE Unavailable No value imputed · 2024

Processing shares are views within one processing-orientation module. They do not create three additional independent engines. Milk-directed and dairy-product-directed shares may not sum to 100% because other or loss categories are not displayed. Cheese-directed raw milk is a subset of dairy-product-directed processing and is an input-use measure, not cheese output.

Different geography frames: Raw-milk production is attributed to where milk is produced. Processing-use volume is aggregated from surveyed processing plants and dairy-product factories in each prefecture. The two regional totals are not expected to reconcile, and the difference is not a net milk-flow measure.

How raw milk is distributed inside the region



#	Prefecture	Raw milk	Region share
1	Iwate JP-03	196,964 t	39.6%
2	Miyagi JP-04	92,345 t	18.6%
3	Aomori JP-02	67,179 t	13.5%
4	Yamagata JP-06	61,127 t	12.3%
5	Fukushima JP-07	60,159 t	12.1%
6	Akita JP-05	19,913 t	4.0%

LARGEST PREFECTURE SHARE

39.6%

Not independently ranked · 2024

TOP-THREE PREFECTURE SHARE

71.6%

Not independently ranked · 2024

PREFECTURE-DISTRIBUTION HHI

0.241

Not independently ranked · 2024

EFFECTIVE PREFECTURE COUNT

4.16

Not independently ranked · 2024

These are four views of one prefecture- distribution module, not four independent engines. HHI here is geographic distribution, not processor or market concentration.

Four separate JP8 positions

MILK.RAW_TONNES

Position 4 / 8

497,687 t

- Kyushu and Okinawa is the next higher value, 94,563 t above.
- Chubu is the next lower value, 76,020 t below.

LIVESTOCK.DAIRY_CATTLE_HEAD

Position 4 / 8

87,680 head

- Kyushu and Okinawa is the next higher value, 10,020 head above.
- Chubu is the next lower value, 26,580 head below.

LIVESTOCK.HOLDINGS

Position 3 / 8

1,548 holdings

- Kanto is the next higher value, 169 holdings above.
- Kyushu and Okinawa is the next lower value, 364 holdings below.

STRUCTURE.CATTLE_PER_HOLDING

Position 8 / 8

56.6 head / holding

- Shikoku is the next higher value, 10.9 head / holding above.
- No lower adjacent value.

REGIONAL READING

Tohoku is in position 4 of 8 for 2024 raw milk and in position 8 of 8 for dairy cattle per source-defined holding on 1 February 2025; the positions describe separate dimensions and carry no performance interpretation. Iwate accounts for 39.6% of the region's reported raw milk across its six component prefectures.

No view is duplicated, no overall score is produced, and the report does not name a winner. Exact values determine standard-competition positions.

What the report knows — and does not know

RAW MILK PRODUCTION

MAFF / e-Stat

2024 Milk and Dairy Products Statistics, table 2, raw milk production by prefecture and month

牛乳乳製品統計調査 確報 令和6年牛乳乳製品統計 表2 生乳生産量（都道府県別）（月別）

Period2024

Retrieved2026-07-27

e-Stat table 0004043990

JP_MAFF_RAW_MILK_PREF_2024

DAIRY CATTLE AND HOLDINGS

MAFF / e-Stat

2025 Statistics on Livestock, dairy cattle table 1-1

畜産統計調査 確報 令和7年畜産統計 乳用牛 表1-1

Period2025-02-01

Retrieved2026-07-27

e-Stat table 0004047181

JP_MAFF_DAIRY_CATTLE_PREF_2025

PROCESSING-USE VOLUME

MAFF / e-Stat

2024 Milk and Dairy Products Statistics, table 6, raw milk processed by intended use, prefecture and month

牛乳乳製品統計調査 確報 令和6年牛乳乳製品統計 表6 生乳処理量（用途別 都道府県別）（月別）

Period2024

Retrieved2026-07-28

e-Stat table 0004043994

JP_MAFF_MILK_DAIRY_2024_PROCESSING_USE_T06

ADMINISTRATIVE MAP

MLIT

National Land Numerical Information N03 administrative-area data, 2020 edition

国土数値情報 行政区域データ N03（2020年）

Period2020-01-01

Retrieved2026-07-26

MLIT National Land Numerical Information N03

JP_MLIT_ADMIN_BOUNDARIES_N03_2020

METHOD LIMITS

- JP8 is a conventional Hedegreen Research frame.
- Milk and livestock periods differ.
- Unavailable does not mean zero.
- No proximity distance is shown.
- The map does not locate farms or processors.

REPRODUCIBILITY

Official prefecture values are summed into JP8. Derived shares and ratios are recomputed from regional totals. Source periods: 2024, 2025-02-01.

Official links are embedded in the PDF. Local immutable receipts and source hashes remain bound to the report.

Distinct source hashes count unique input artifact hashes referenced by displayed metrics; they do not count rows or modules.

INTERNAL REPORT PREVIEW · HUMAN REVIEW NOT RUN

Contract 1.3.0 · 11 distinct source hashes

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