Livestock - cattle

Econ 235

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Introduction

-
- Dynamics is different. . .
- We will begin with the cattle industry

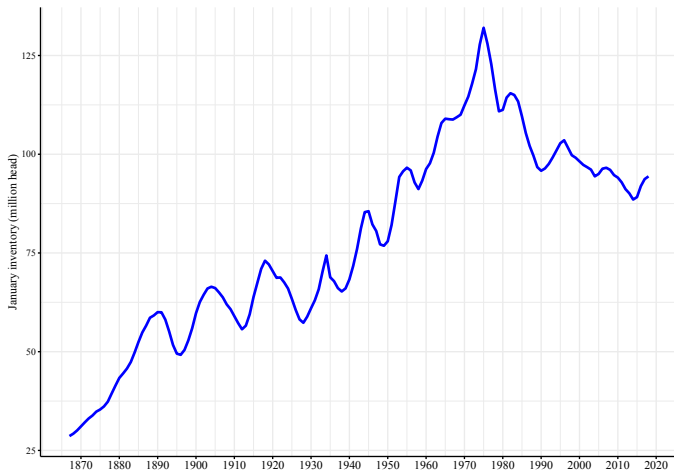- https://www.ers.usda.gov/topics/animal-products/cattle-beef/

Definitions

- Cow: a mature female able of producing calves;
- Bull: uncastrated male;
- Calf: a young cattle before weaning;
- Weaned calf: calf after being removed from a cow;
- Steer: a young male cattle castrated;
- Heiffer: young female, before having a first calf;
- Feeder cattle: cattleready to be placed on feed in a feedlot;
- Fed/slaughter cattle: cattle ready for *harvest*;
- Boxed beef - beef ready to be sold at retail.
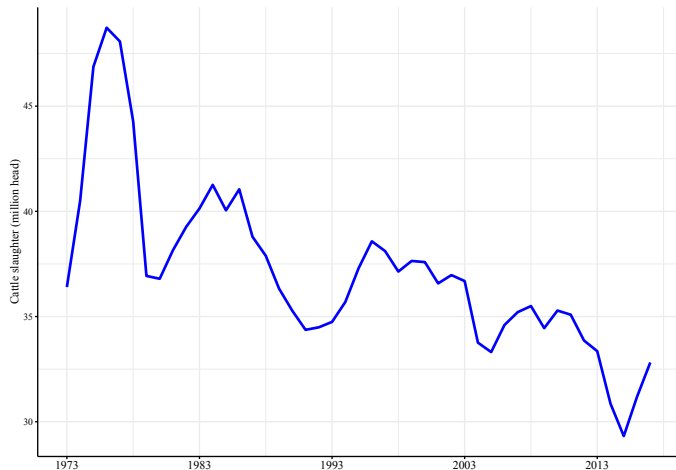
Supply chain

- Cow-calf operations:
  - ▶ Sell weaned calves.

- Stocker - backgrounding:
  - ▶ Buy weaned calves;
  - ▶ Sell feeder cattle.

- Feedlots - finishing:
  - ▶ Buy feeder cattle;
  - ▶ sell fed/slaughter cattle.

- Packing/slaughter plant:
  - ▶ Buy fed cattle;
  - ▶ Sell boxed beef.

- Retail/food service:
  - ▶ Buy boxed beef;
  - ▶ Sell beef to consumers.

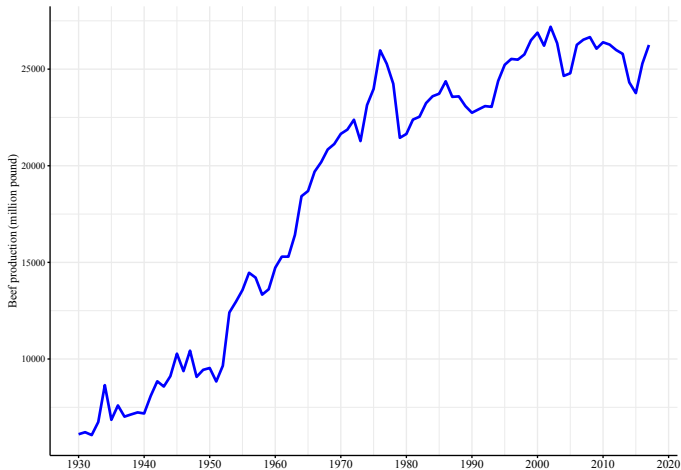# US january cattle inventory (including calves)

Source USDA - National Agricultural Statistics Service (2018).
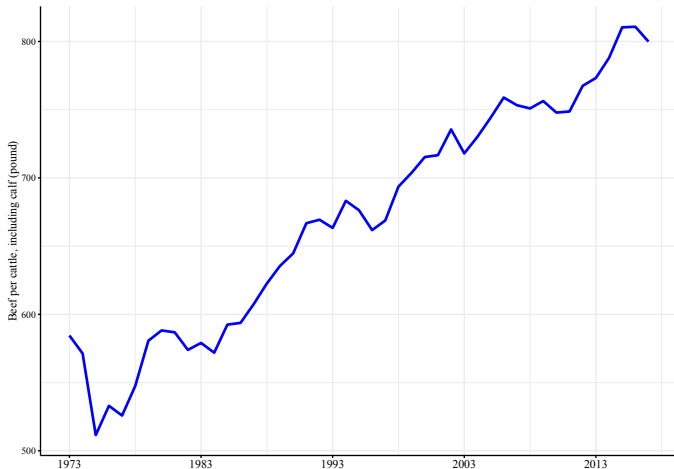
Commercial cattle slaughter (500lb and more)

Source USDA - National Agricultural Statistics Service (2018).
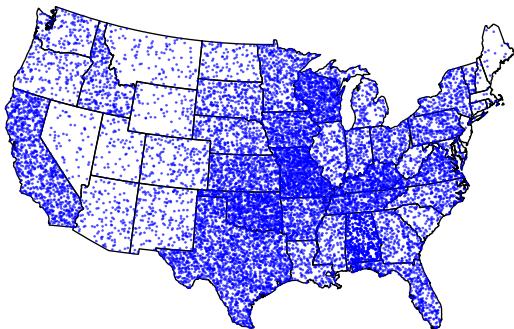
Beef production

Source USDA - National Agricultural Statistics Service (2018).

Beef per cattle head, including calf

Source USDA - National Agricultural Statistics Service (2018).

Cattle inventory by state

Links

- https://www.ers.usda.gov/topics/animal-products/cattle-beef/
- https://www.ers.usda.gov/data-products/
  livestock-meat-domestic-data.aspx

USDA - National Agricultural Statistics Service (2018). Quick stats. Available online at: http://quickstats.nass.usda.gov/.