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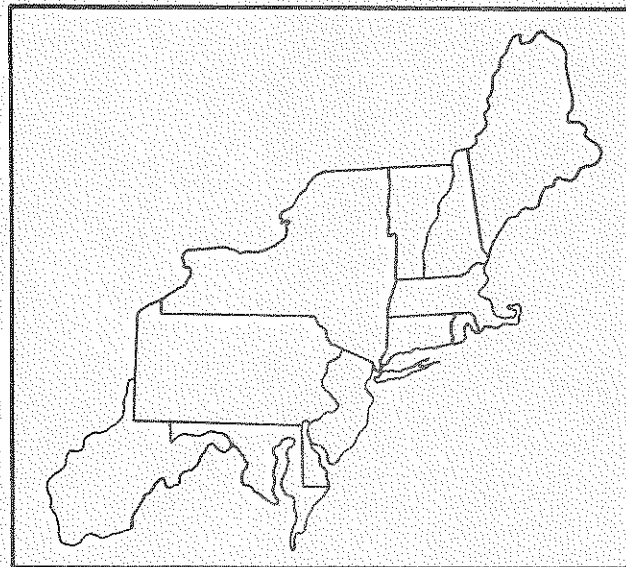
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**THE SPATIAL ORGANIZATION OF
THE NORTHEAST DAIRY INDUSTRY**



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TECHNICAL APPENDIX: THE SUPPLY DATA BASE METHODOLOGY

by

Lynn G. Sleight*

Supply analysis was based on dairy-relevant data for State or sub-State areas for the period 1966-80 by calendar quarter. Committee members tabulated the best-known data available for their State(s), and ERS-USDA assembled the information as Logical Group DAN in its automated data bank, T-DAM. This system permitted data withdrawal by any researcher either in manual or in machine-readable form.

National level data were entered for selected variables. Pennsylvania was divided into three dairy-homogeneous sub-State areas.

Reports of the Statistical Reporting Service of USDA were the principal sources. "Milk Production," "Agricultural Prices," and "Farm Labor" provided 11 of the 12 State-level variables. Off-farm wage rates were taken from Bureau of Labor Statistics "Employment and Earnings." This was also the source for general economic data.

Variables reported only annually in the smaller States were derived quarterly by indexing annual data by neighboring States' quarterly patterns over recent years (usually, 3 most recent).

Variables in the data base are: (1966-1980 quarterly)

<u>Description</u>	<u>Area Reported</u>
1. Milk cow numbers	State, U.S.
2. Milk production per cow	State
3. Price, all milk wholesale	State, U.S.
4. Price, cows (incl. cull dairy cows)	State, U.S.
5. Price, 16 percent protein dairy ration	State, U.S.
6. Price received, alfalfa hay, baled (all hay in States where alfalfa is not reported)	State, U.S.
7. Milk production	State, U.S.
8. Price received, steers and heifers	State, U.S.
9. Value of concentrates fed to milk cows	State, U.S.
10. Farm wage rate, all hired, hourly, no perquisites	State
11. Non-farm wage rate	State
12. Consumer price index, all items	U.S.
13. Consumer price index, food	U.S.
14. Index of prices paid by farmers for fuels and energy	U.S.
15. Money supply (M1-B), seasonally adjusted	U.S.
16. Saving as percent of disposable income	U.S.
17. Unemployment rate	U.S.
18. Disposable personal income, in both current and 1972 dollars	U.S.
19. Per-capita disposable personal income, in both current and 1972 dollars	U.S.

States included are: Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island and Vermont.

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