## ㄷNCENSUSof <br> Massachusetts Highlights

## Overview

The 2012 Census of Agriculture Reports follows the same format as in 2007. There are several graphs in the beginning that show the changes from 2007 and 2002. Table 1 Historical Highlights contains data from the 1982 through 2012 Censuses of Agriculture. Table 2 shows the market value of agricultural products sold.
Selected Characteristics tables are tables 55-63. These tables highlight demographic groups.
The detailed summary tables are tables 64-70. These tables are about 25 pages long.

## General

The following tables where generated using the Quick Stats query tool or in some cases I copied a table from the Census publication. I may have included some comments.

## Number of farms and land in Farms

|  | 2012 <br> Total | 2007 <br> total | 2012 as <br> percent of <br> 2007 |
| :--- | ---: | ---: | :---: |
| FARMS AND LAND IN FARMS | 7,755 | 7,691 | $101 \%$ |
| Farms number | 523,517 | 517,879 | $101 \%$ |
| Land in farms acres | 68 | 67 | $101 \%$ |
| Average size of farm acres | 23 | 24 |  |
| Median size of farm acres |  |  |  |

No changes from the preliminary release.

## Land use

| Land Use | 2012 | 2007 | Percent <br> Change |
| :--- | ---: | ---: | ---: |
| acres |  |  |  |
| All Other LAND | 91,383 | 69,814 | $31 \%$ |
| CROPLAND | $\mathbf{1 6 0 , 7 8 9}$ | $\mathbf{1 8 7 , 4 0 6}$ | $-14 \%$ |
| PASTURELAND | 62,234 | 48,120 | $29 \%$ |
| WOODLAND | $\mathbf{2 0 9 , 1 1 1}$ | $\mathbf{2 1 2 , 5 3 9}$ | $-2 \%$ |
| Total | 523,517 | 517,879 | $\mathbf{1 \%}$ |

This table shows changes in land use.

## Farms by Economic sales class

|  | farms | sales | \% of all farms | Cumulative \% of total farms | \% of sales | Cumulative <br> \% of sales |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { LESS THAN } \\ & 1,000 \$ \\ & \hline \end{aligned}$ | 2,629 | (D) | 33.9\% | 33.9\% |  | 0.0\% |
| $\begin{aligned} & 1,000 \mathrm{TO} \\ & 2.499 \mathrm{~S} \end{aligned}$ | 933 | (D) | 12.0\% | 45.9\% |  | 0.0\% |
| $\begin{aligned} & \text { 2,500 TO } \\ & 4,999 \$ \$ \end{aligned}$ | 748 | 2,592,000 | 9.6\% | 55.6\% | 0.5\% | 0.4\% |
| $\begin{aligned} & \text { 5,000 TO } \\ & 9,999 \$ \$ \end{aligned}$ | 835 | 5,555,000 | 10.8\% | 66.3\% | 1.1\% | 1.5\% |
| $\begin{aligned} & \text { 10,000 TO } \\ & 24,999 \$ \\ & \hline \end{aligned}$ | 890 | 13,499,000 | 11.5\% | 77.8\% | 2.7\% | 4.3\% |
| $\begin{aligned} & \text { 25,000 TO } \\ & 49,999 \$ \\ & \hline \end{aligned}$ | 493 | 16,039,000 | 6.4\% | 84.2\% | 3.3\% | 7.5\% |
| $\begin{aligned} & \text { 50,000 TO } \\ & 99,999 \$ \end{aligned}$ | 450 | 29,654,000 | 5.8\% | 90.0\% | 6.0\% | 13.6\% |
| $\begin{aligned} & 100,000 \mathrm{TO} \\ & 249,999 \$ \end{aligned}$ | 370 | 55,832,000 | 4.8\% | 94.8\% | 11.3\% | 24.9\% |
| $\begin{aligned} & 250,000 \mathrm{TO} \\ & 499,999 \$ \end{aligned}$ | 201 | 66,511,000 | 2.6\% | 97.3\% | 13.5\% | 38.4\% |
| $\begin{aligned} & \text { 500,000 TO } \\ & 999,999 \$ \$ \end{aligned}$ | 117 | 78,970,000 | 1.5\% | 98.9\% | 16.0\% | 54.5\% |
| 1,000,000 OR MORE \$ | 89 | 221,447,000 | 1.1\% | 100.0\% | 45.0\% | 99.5\% |
| Total | 7,755 | 492,111,000 | 100\% |  | 100\% |  |

Farms with $\$ 500,000$ sales and above totaled 206 and accounted for $3 \%$ of farms and $61 \%$ of all gross sales.
Farms with $\$ 250,000$ sales and above totaled 407 and accounted for $5 \%$ of farms and $75 \%$ of all gross sales.
Farms with $\$ 100,000$ sales and above totaled 777 and accounted for $10 \%$ of farms and $86 \%$ of all gross sales.

## Farm Income

The following table combines farm income from commodity sales, Government payments, and farm related income.

| Data Item | 2012 | 2007 | Percent Change |
| :---: | :---: | :---: | :---: |
| COMMODITY TOTALS - SALES, MEASURED IN \$ | 492,211,000 | 489,820,000 | 0\% |
| GOVT PROGRAMS, FEDERAL - RECEIPTS, MEASURED IN \$ | 8,124,000 | 4,603,000 | 76\% |
| INCOME, FARM-RELATED - RECEIPTS, MEASURED IN \$ | 78,482,000 | 63,327,000 | 24\% |
| INCOME, FARM-RELATED, AG SERVICES, CUSTOMWORK \& OTHER - RECEIPTS, MEASURED IN \$ | 4,671,000 | 3,677,000 | 27\% |
| INCOME, FARM-RELATED, AG TOURISM \& RECREATIONAL SERVICES - RECEIPTS, MEASURED IN \$ | 12,034,000 | 5,306,000 | 127\% |
| INCOME, FARM-RELATED, CROP \& ANIMAL INSURANCE PAYMENTS - RECEIPTS, MEASURED IN \$ | 3,268,000 | 1,423,000 | 130\% |
| INCOME, FARM-RELATED, FOREST PRODUCTS, (EXCL CHRISTMAS TREES \& SHORT TERM WOODY CROPS \& MAPLE SYRUP) - RECEIPTS, MEASURED IN \$ | 4,486,000 | 2,401,000 | 87\% |
| INCOME, FARM-RELATED, GOVT PROGRAMS, STATE \& LOCAL - RECEIPTS, MEASURED IN \$ | 1,455,000 | 1,951,000 | -25\% |
| INCOME, FARM-RELATED, OTHER RECEIPTS, MEASURED IN \$ | 43,573,000 | 38,133,000 | 14\% |
| INCOME, FARM-RELATED, PATRONAGE DIVIDENDS \& REFUNDS FROM COOPERATIVES - RECEIPTS, MEASURED IN \$ | 7,381,000 | 9,534,000 | -23\% |
| INCOME, FARM-RELATED, RENT, LAND \& BUILDINGS - RECEIPTS, MEASURED IN \$ | 1,614,000 | 902,000 | 79\% |
| Total | 578,817,000 | 557,750,000 | 4\% |

This table shows the value of farm sales, government payments, and farm related income. It does not include full value of value added sales. It will include the value of the raw farm product. For example, it does not include the value of jam sales but does include the value of the fruit that was used to make the jam.

## NCENSUS of AGRICULTURE <br> Massachusetts Highlights

Table 5. Net Cash Farm Income of the Operations and Operators: 2012 and 2007
[For meaning of abbreviations and symbols, see introductory text.]

| Item | 2012 |  | 2007 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Farms | $\begin{gathered} \text { Income } \\ (\$ 1,000) \end{gathered}$ | Farms | $\begin{aligned} & \hline \text { Income } \\ & (\$ 1,000) \end{aligned}$ |
| Net cash farm income of the operations (see | 7,755 | 39,499 | 7,691 | 96,266 |
| text) | (X) | 5,093 | (X) | 12,517 |
| Average per farm $\qquad$ dollars |  |  |  |  |
|  | 2,585 | 194,581 | 2,950 | 187,701 |
| Farms with net gains ${ }^{1}$ $\qquad$ <br> Average per farm $\qquad$ dollars | (X) | 75,273 | (X) | 63,627 |
| Farms with gains of- | 245 | 115 | 246 | 118 |
| less than \$1,000 .............................. | 454 | 1,246 | 626 | 1,636 |
| \$1,000 to \$4,999 ............................ | 365 | 2,623 | 407 | 2,936 |
| \$5,000 to \$9,999 ............................ | 481 | 7,629 | 589 | 9,502 |
| \$10,000 to \$24,999 ......................... | 359 | 12,976 | 385 | 13,717 |
| $\$ 50,000$ or more | 681 | 169,992 | 697 | 159,791 |
|  |  |  |  |  |
|  | 5,170 | 155,082 | 4,741 | 91,435 |
| Farms with net losses ............................ | (X) | 29,997 | (X) | 19,286 |
| Average per farm ................... dollars |  |  |  |  |
| Farms with losses of- | 324 | 155 | 357 | 187 |
| less than \$1,000 .............................. | 1,280 | 3,740 | 1,215 | 3,519 |
| \$1,000 to \$4,999 ............................ | 1,083 | 7,844 | 1,119 | 8,002 |
| \$5,000 to \$9,999 ............................ | 1,252 | 19,977 | 1,209 | 19,183 |
| \$10,000 to \$24,999 ......................... | 545 | 19,075 | 435 | 15,325 |
| \$25,000 to \$49,999 ............................................ | 686 | 104,291 | 406 | 45,219 |
|  |  |  |  |  |
|  | 7,755 | 38,947 | 7,691 | 95,807 |
| Net cash farm income of operators (see text) <br> Average per farm $\qquad$ dollars | (X) | 5,022 | (X) | 12,457 |
|  | 2,584 | 194,040 | 2,947 | 187,311 |
| Farm operators reporting net gains ${ }^{1}$ $\qquad$ <br> Average per farm $\qquad$ dollars | (X) | 75,093 | (X) | 63,560 |
| Farms with gains of- | 246 | 116 | 249 | 120 |
| less than \$1,000 .............................. | 454 | 1,236 | 625 | 1,635 |
| \$1,000 to \$4,999 ............................ | 365 | 2,624 | 402 | 2,890 |
| \$5,000 to \$9,999 ............................ | 480 | 7,617 | 591 | 9,560 |
| \$10,000 to \$24,999 ......................... | 360 | 13,022 | 384 | 13,713 |
| \$25,000 to \$49,999 ........................ | 679 | 169,426 | 696 | 159,393 |
| \$50,000 or more ............................. |  |  |  |  |
|  | 5,171 | 155,094 | 4,744 | 91,504 |
| Farm operators reporting net losses $\qquad$ Average per farm $\qquad$ dollars | (X) | 29,993 | (X) | 19,288 |
| Farms with losses of- | 329 | 159 | 357 | 186 |
| less than \$1,000 ............................. | 1,275 | 3,733 | 1,215 | 3,519 |
| \$1,000 to \$4,999 ............................ | 1,083 | 7,845 | 1,120 | 8,012 |
| \$5,000 to \$9,999 ............................ | 1,252 | 19,984 | 1,212 | 19,219 |
| \$10,000 to \$24,999 ......................... | 547 | 19,122 | 432 | 15,234 |
| \$25,000 to \$49,999 $\qquad$ <br> \$50,000 or more | 685 | 104,250 | 408 | 45,334 |

${ }^{1}$ Farms with total production expenses equal to market value of agricultural products sold, government payments, and farm-related income are included as farms with gains of less than $\$ 1,000$.
Net cash farm income of the operators. This value is the operators' total revenue (fees for producing under a production contract, total sales not under a production contract, government payments, and farm-related income) minus total expenses paid by the operators. Net cash farm income of the operator includes the payments received for producing under a production contract and does not include value of commodities produced under production contract by the contract growers. Depreciation is not used in the calculation of net cash farm income.
For publication purposes, farms are divided into two categories:

1. Farms with net gains (includes those operators that broke even).
2. Farms with net losses.

## Ag Labor

| Data Item | 2012 | 2007 | Per. Change |
| :--- | ---: | ---: | ---: |
| LABOR, HIRED - NUMBER OF WORKERS | 15,649 | 13,039 | $20.0 \%$ |
| LABOR, HIRED - OPERATIONS WITH WORKERS | 2,534 | 1,972 | $28.5 \%$ |
| LABOR, HIRED, GE 150 DAYS - NUMBER OF WORKERS | 6,257 | 4,736 | $32.1 \%$ |
| LABOR, HIRED, LT 150 DAYS - NUMBER OF WORKERS | 9,392 | 8,303 | $13.1 \%$ |

This table shows the changes in hired labor.

## Direct Market Sales

| Direct Market Sales | 2012 | US <br> Ranking |
| :--- | ---: | ---: |
| OPERATIONS WITH SALES | 2,206 | 24 |
| SALES, MEASURED IN \$ | $47,909,000$ | 5 |
| SALES, MEASURED IN \$ / OPERATION | 21,717 | 3 |
| SALES, MEASURED IN PCT OF FARM OPERATIONS | 28.4 | 4 |
| SALES, MEASURED IN PCT OF FARM SALES | 9.7 | 3 |


| County | Sales <br> Million \$ | Ranking of <br> all US <br> Counties |
| :--- | :--- | :---: |
| Worcester | 10.585 | $6^{\text {th }}$ |
| Middlesex | 8.404 | $10^{\text {th }}$ |
| Essex | 5.472 | $25^{\text {th }}$ |
| Bristol | 4.479 | $32^{\text {nd }}$ |
| Hampshire | 4.450 | $33^{\text {rd }}$ |
| Franklin | 3.449 | $60^{\text {th }}$ |

Agri-tourism

| Data Item | 2012 | 2007 | Percent <br> Change |
| :--- | ---: | ---: | ---: |
| INCOME, FARM-RELATED, AG TOURISM \& RECREATIONAL <br> SERVICES - OPERATIONS WITH RECEIPTS | 270 | 112 | $141 \%$ |
| INCOME, FARM-RELATED, AG TOURISM \& RECREATIONAL <br> SERVICES - RECEIPTS, MEASURED IN \$ | $1,803,000$ | $1,012,000$ | $78 \%$ |
| INCOME, FARM-RELATED, AG TOURISM \& RECREATIONAL <br> SERVICES - RECEIPTS, MEASURED IN \$ / OPERATION | 6,678 | 9,039 | $-26 \%$ |


| County | Sales <br> Million \$ | Ranking of <br> all US <br> Counties |
| :--- | :--- | :---: |
| Worcester | 5.393 | $5^{\text {th }}$ |
| Middlesex | 3.746 | $16^{\text {th }}$ |

## NCENSUS of <br> NAGRICULTURE <br> Massachusetts Highlights

Organic.
The data represent the value of commodities produced according to USDA's National Organic Program and sold from operations during 2012. Crops, livestock, and poultry products were reported individually on the 2012 report form, but in 2007, these commodities were combined and may have come from either crops or livestock production. The data for the 2012 census years is not directly comparable.
Table 54. Organic Agriculture: 2012
[For meaning of abbreviations and symbols, see introductory text.]

| Item | 2012 | Item | 2012 |
| :---: | :---: | :---: | :---: |
| VALUE OF SALES OF CERTIFIED OR EXEMPT ORGANICALLY PRODUCED COMMODITIES | 198 | PRINCIPAL OPERATOR CHARACTERISTICS FOR FARMS WITH CERTIFIED OR EXEMPT ORGANIC PRODUCTION Con. |  |
| Total organic product sales (see text) ....................... farms | 26,238 | Place of residence: | 184 |
| \$1,000 | 132,513 | On farm operated .................................................... | 47 |
| Average per farm ..........................................dollars |  | Not on farm operated .............................................. |  |
| By value of sales: | 103 | Days worked off farm: | 105 |
| \$1 to \$4,999 .................................................. farms | 181 | None | 126 |
| \$1,000 | 17 | Any . | 26 |
| \$5,000 to \$9,999 ........................................... farms | 127 | 1 to 49 days | 24 |
| \$1,000 | 16 | 50 to 99 days | 35 |
| \$10,000 to \$24,999 ......................................... farms | 233 | 100 to 199 days | 41 |
| \$1,000 | 19 | 200 days or more ................................................. |  |
| \$25,000 to \$49,999 ......................................... farms | 740 |  |  |
| \$1,000 | 43 | Years on present farm: | 32 |
| \$50,000 or more ............................................ farms | 24,956 | 2 years or less ......................................................... | 29 |
| \$1,000 |  | 3 or 4 years ........................................................... | 43 |
|  |  | 5 to 9 years ............................................................ | 127 |
| TYPE OF PRODUCTION (SEE TEXT) |  | 10 years or more ..................................................... | 14 |
| USDA National Organic Program certified organic production $\qquad$ farms | 131 100 | Average years on present farm ................................... |  |
| USDA National Organic Program organic production exempt from certification $\qquad$ farms | 100 | Age group: <br> Under 25 years | 34 |
| Acres transitioning into USDA National Organic Program | 48 | 25 to 34 years ....................................................... | 20 |
| organic production ............................................ farms |  | 35 to 44 years ........................................................ | 26 |
|  |  | 45 to 49 years ....................................................... | 25 |
| PRINCIPAL OPERATOR CHARACTERISTICS FOR FARMS WITH CERTIFIED OR EXEMPT ORGANIC PRODUCTION |  | 50 to 54 years ......................................................... | 44 |
|  |  | 55 to 59 years | 36 |
| Sex of operator: | 114 | 60 to 64 years | 18 |
| Male ........ | 117 | 65 to 69 years | 28 |
| Female ................................................................... |  | 70 years and over ................................................... |  |
| Primary occupation: |  | Average age ........................................................... |  |
| Farming Other | 62 |  |  |

## Practices

## CSAs

Massachusetts had 431 farms with CSAs which ranks $6^{\text {th }}$ nationally. This is 5.6 percent of all farms and ranks 1st nationally by percent of farms.
Top Counties

| County | Nu <br> mber of <br> farms | Rank <br> ing of all <br> US <br> Counties |
| :---: | :---: | :---: |
| Middlesex | 88 | $1^{\text {st }}$ <br> (tie) |
| Hampshire | 65 | $5^{\text {th }}$ |
| Worcester | 61 | $7^{\text {th }}$ |
| Franklin | 59 | $9^{\text {th }}$ |

## Wholesale direct to retailers and institutions

Massachusetts 1,035 farms that market directly to retailers which ranks $18^{\text {th }}$ nationally. This is 13.3 percent of all farms and ranks $6^{\text {th }}$ nationally by percent of farms.
Top Counties

| County | Nu <br> mber of <br> farms | Rank <br> ing of all <br> US <br> Counties |
| :---: | :---: | :---: |
| Worcester | 175 | $13^{\text {st }}$ <br> (tie) |
| Franklin | 170 | $15^{\text {th }}$ |
| Middlesex | 132 | $21^{\text {th }}$ |
| Hampshire | 129 | $23^{\text {th }}$ |

