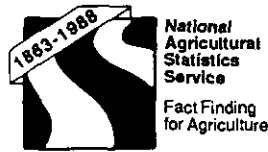

Hogs and Pigs



United States
Department of
Agriculture

Agricultural
Statistics
Board

Washington, D.C.

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INVENTORY UP 6 PERCENT

Inventory of all hogs and pigs on March 1, 1988, in the 10 States conducting quarterly hog surveys is estimated at 40.5 million head, according to the Agricultural Statistics Board. This is 6 percent above both last March 1 and March 1, 1986.

- Breeding inventory, at 5.42 million head, is 4 percent more than last year and 10 percent above March 1, 1986.
- Market hog inventory, at 35.1 million head, is 6 percent above a year earlier and 5 percent above two years ago.

PIG CROP

The December 1987-February 1988 pig crop was 15.8 million head, 6 percent above the corresponding period last year and 11 percent above two years ago. There were 2.03 million sows that farrowed during the quarter, an increase of 6 percent from last year and 9 percent above the same period two years ago.

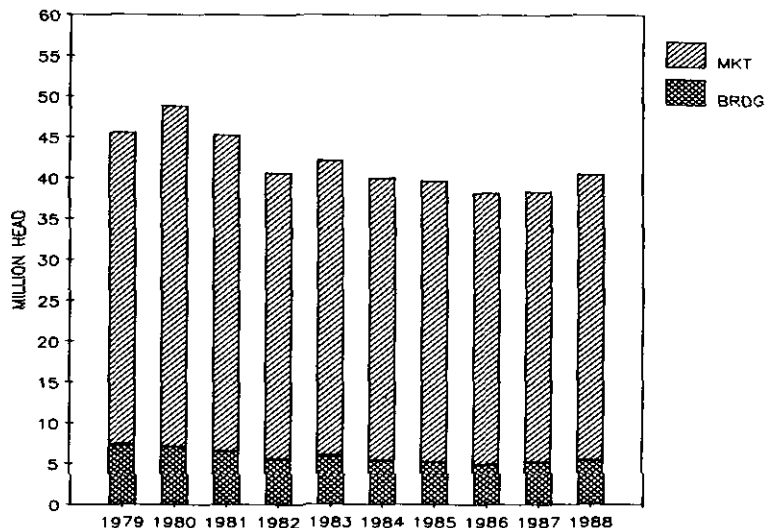
Sows farrowing averaged 7.77 pigs per litter compared with 7.75 last year and 7.65 two years ago. The litter rate is the highest of record for a December-February quarter.

FARROWING INTENTIONS

Hog producers in the 10 quarterly States intend to have 2.40 million sows farrow during March-May of this year. If these intentions are realized, farrowings would total 2 percent more than the actual number for the comparable period of 1987 and 11 percent more than the 1986 quarter. Farrowing intentions for June-August are 2.30 million head, 2 percent above actual farrowings for the same period last year and 11 percent above two years ago.

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MARCH 1 HOGS AND PIGS INVENTORY
10 MAJOR PRODUCING STATES



RELIABILITY AND ESTIMATING PROCEDURES: Primary data used in setting these hog estimates were obtained from a sample of farmers across the 10 States using probability surveys. These surveys included information from about 21,600 operators sampled from a list of agricultural producers plus data from operators of about 1,800 small land area tracts. Information was collected by mail, telephone, and personal interviews. Since all operations raising hogs were not included in the sample, survey estimates are subject to sampling variability. This variability, as measured by the relative standard error, is about two and one-half percent at the 10 State level for hog inventory. This means that chances are approximately 95 out of 100 that survey estimates will be within five percent of the complete coverage value if the same procedures were used to survey all producers. The relative standard errors for the major groupings of breeding and market hogs are 2.5 and 2.3 percent, respectively. The relative standard errors for the market hog weight groups range from 2.5 to 3.5 percent.

Survey estimates are also subject to non-sampling errors such as omissions, duplications, and mistakes in reporting, recording and processing the data. These errors cannot be measured directly, but they are minimized through rigid quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

The sampling variability of survey estimates on intended farrowings is slightly larger than that for inventories. More important, actual farrowings may differ significantly from reported intentions due to unexpected economic and environmental conditions. For March-May second intentions these differences have exceeded three percent in two of the last ten years. For June-August first intentions as of March 1, these differences have exceeded four percent in four of the past ten years.

In setting the inventory estimates, the Agricultural Statistics Board constructed a balance sheet using estimates on births, deaths and check data on slaughter. This balance sheet provided an additional check on survey inventory estimates.

A P P R O V E D:

Ewen Wilson

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HOGS AND PIGS: INVENTORY NUMBER, SOWS FARROWING AND PIG CROP
1986-88, 10 STATES 1/

| ITEM | 1986 | 1987 | 1988 | 1988 AS % OF | |
|---|-------|-----------|---------|--------------|------|
| | | | | 1986 | 1987 |
| | | 1000 HEAD | | PERCENT | |
| MARCH 1 INVENTORY | | | | | |
| ALL HOGS AND PIGS | 38210 | 38370 | 40495 | 106 | 106 |
| KEPT FOR BREEDING | 4948 | 5215 | 5420 | 110 | 104 |
| MARKET | 33262 | 33155 | 35075 | 105 | 106 |
| MARKET HOGS AND PIGS BY WEIGHT GROUPS: | | | | | |
| UNDER 60 POUNDS | 12350 | 12596 | 13455 | 109 | 107 |
| 60-119 POUNDS | 8046 | 7959 | 8290 | 103 | 104 |
| 120-179 POUNDS | 7276 | 7132 | 7365 | 101 | 103 |
| 180 POUNDS AND OVER | 5590 | 5468 | 5965 | 107 | 109 |
| SOWS FARROWING: | | | | | |
| DECEMBER 2/-FEBRUARY | 1863 | 1916 | 2030 | 109 | 106 |
| MARCH-MAY | 2171 | 2352 | 3/ 2399 | 111 | 102 |
| DECEMBER 2/-MAY | 4034 | 4268 | 4/ 4429 | 110 | 104 |
| JUNE-AUGUST | 2074 | 2257 | 3/ 2304 | 111 | 102 |
| SEPTEMBER-NOVEMBER | 2115 | 2258 | | | |
| JUNE-NOVEMBER | 4189 | 4515 | | | |
| PIG CROP: | | | | | |
| DECEMBER 2/-FEBRUARY | 14254 | 14840 | 15765 | 111 | 106 |
| MARCH-MAY | 16957 | 18601 | | | |
| DECEMBER 2/-MAY | 31211 | 33441 | | | |
| JUNE-AUGUST | 16164 | 17481 | | | |
| SEPTEMBER-NOVEMBER | 16460 | 17495 | | | |
| JUNE-NOVEMBER | 32624 | 34976 | | | |
| PIGS PER LITTER: | | NUMBER | | | |
| DECEMBER 2/-FEBRUARY | 7.65 | 7.75 | 7.77 | 102 | 100 |
| MARCH-MAY | 7.81 | 7.91 | | | |
| DECEMBER 2/-MAY | 7.74 | 7.84 | | | |
| JUNE-AUGUST | 7.79 | 7.75 | | | |
| SEPTEMBER-NOVEMBER | 7.78 | 7.75 | | | |
| JUNE-NOVEMBER | 7.79 | 7.75 | | | |

1/ GEORGIA, ILLINOIS, INDIANA, IOWA, KANSAS, MINNESOTA, MISSOURI, NEBRASKA,
NORTH CAROLINA, AND OHIO. 2/ DECEMBER PRECEDING YEAR. 3/ INTENTIONS.
4/ INTENTIONS FOR MARCH-MAY.

HOGS AND PIGS: INVENTORY NUMBERS, BREEDING, MARKET AND TOTAL,
MARCH 1, 1987-88, 10 STATES

| STATE | BREEDING | | | MARKET | | | TOTAL | | |
|---------|-----------|-----------|-----------|---------|-----------|---------|-----------|-----------|---------|
| | 1987 | 1988 | | 1987 | 1988 | | 1987 | 1988 | |
| | | :AS % OF: | 1987: | | :AS % OF: | 1987: | | :AS % OF: | 1987: |
| | NUMBER: | NUMBER: | NUMBER: | NUMBER: | NUMBER: | NUMBER: | NUMBER: | NUMBER: | NUMBER: |
| | 1000 HEAD | PERCENT | 1000 HEAD | PERCENT | 1000 HEAD | PERCENT | 1000 HEAD | PERCENT | PERCENT |
| GA | 155 | 160 | 103 | 945 | 965 | 102 | 1100 | 1125 | 102 |
| ILL | 660 | 760 | 115 | 4240 | 4740 | 112 | 4900 | 5500 | 112 |
| IND | 510 | 525 | 103 | 3440 | 3475 | 101 | 3950 | 4000 | 101 |
| IOWA | 1720 | 1760 | 102 | 10580 | 11440 | 108 | 12300 | 13200 | 107 |
| KANS | 165 | 175 | 106 | 1225 | 1225 | 100 | 1390 | 1400 | 101 |
| MINN | 525 | 530 | 101 | 3475 | 3740 | 108 | 4000 | 4270 | 107 |
| MO | 440 | 455 | 103 | 2310 | 2395 | 104 | 2750 | 2850 | 104 |
| NEBR | 490 | 480 | 98 | 3310 | 3370 | 102 | 3800 | 3850 | 101 |
| N C | 290 | 305 | 105 | 2010 | 2095 | 104 | 2300 | 2400 | 104 |
| OHIO | 260 | 270 | 104 | 1620 | 1630 | 101 | 1880 | 1900 | 101 |
| TOTAL | | | | | | | | | |
| 10 STS. | 5215 | 5420 | 104 | 33155 | 35075 | 106 | 38370 | 40495 | 106 |

MARKET HOGS AND PIGS: INVENTORY NUMBER BY WEIGHT GROUPS,
MARCH 1, 1987-88, 10 STATES

| STATE | UNDER 60 LBS. | | 60-119 LBS. | | 120-179 LBS. | | 180 LBS AND OVER | |
|---------|---------------|-------|-------------|------|--------------|------|------------------|------|
| | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 | 1987 | 1988 |
| | 1000 HEAD | | | | | | | |
| GA | 385 | 400 | 255 | 260 | 195 | 195 | 110 | 110 |
| ILL | 1590 | 1820 | 1020 | 1090 | 920 | 980 | 710 | 850 |
| IND | 1245 | 1300 | 860 | 875 | 755 | 725 | 580 | 575 |
| IOWA | 3875 | 4160 | 2410 | 2630 | 2410 | 2530 | 1885 | 2120 |
| KANS | 471 | 475 | 294 | 295 | 272 | 270 | 188 | 185 |
| MINN | 1390 | 1490 | 855 | 880 | 670 | 760 | 560 | 610 |
| MO | 925 | 985 | 570 | 570 | 465 | 475 | 350 | 365 |
| NEBR | 1320 | 1330 | 830 | 830 | 670 | 670 | 490 | 540 |
| N C | 790 | 845 | 490 | 495 | 405 | 410 | 325 | 345 |
| OHIO | 605 | 650 | 375 | 365 | 370 | 350 | 270 | 265 |
| TOTAL | | | | | | | | |
| 10 STS. | 12596 | 13455 | 7959 | 8290 | 7132 | 7365 | 5468 | 5965 |

HOGS AND PIGS: INVENTORY NUMBERS, BREEDING, MARKET AND TOTAL,
DECEMBER 1, 1986-87, 10 STATES

| STATE | BREEDING | | | MARKET | | | TOTAL | | |
|-----------|----------|-----------------|---------|-----------|-----------------|-----|-------|-----------------|-----|
| | 1986 | 1987 | | 1986 | 1987 | | 1986 | 1987 | |
| | | :AS % OF: | | | :AS % OF: | | | :AS % OF: | |
| | | :NUMBER: 1986 : | | | :NUMBER: 1986 : | | | :NUMBER: 1986 : | |
| 1000 HEAD | PERCENT | 1000 HEAD | PERCENT | 1000 HEAD | PERCENT | | | | |
| GA | 150 | 155 | 103 | 950 | 1020 | 107 | 1100 | 1175 | 107 |
| ILL | 635 | 710 | 112 | 4365 | 4590 | 105 | 5000 | 5300 | 106 |
| IND | 540 | 620 | 115 | 3610 | 3980 | 110 | 4150 | 4600 | 111 |
| IOWA | 1585 | 1660 | 105 | 11015 | 12140 | 110 | 12600 | 13800 | 110 |
| KANS | 175 | 180 | 103 | 1245 | 1270 | 102 | 1420 | 1450 | 102 |
| MINN | 535 | 545 | 102 | 3725 | 3805 | 102 | 4260 | 4350 | 102 |
| MO | 420 | 435 | 104 | 2430 | 2515 | 103 | 2850 | 2950 | 104 |
| NEBR | 490 | 490 | 100 | 3460 | 3510 | 101 | 3950 | 4000 | 101 |
| N C | 300 | 315 | 105 | 2060 | 2185 | 106 | 2360 | 2500 | 106 |
| OHIO | 280 | 290 | 104 | 1720 | 1860 | 108 | 2000 | 2150 | 108 |
| TOTAL | | | | | | | | | |
| 10 STS.: | 5110 | 5400 | 106 | 34580 | 36875 | 107 | 39690 | 42275 | 107 |

MARKET HOGS AND PIGS: INVENTORY NUMBER BY WEIGHT GROUPS,
DECEMBER 1, 1986-87, 10 STATES

| STATE | UNDER 60 LBS. | | 60-119 LBS. | | 120-179 LBS. | | 180 LBS AND OVER | |
|----------|---------------|-------|-------------|------|--------------|------|------------------|------|
| | 1986 | 1987 | 1986 | 1987 | 1986 | 1987 | 1986 | 1987 |
| | 1000 HEAD | | | | | | | |
| GA | 410 | 420 | 255 | 275 | 175 | 200 | 110 | 125 |
| ILL | 1595 | 1610 | 1035 | 1150 | 920 | 980 | 815 | 850 |
| IND | 1250 | 1360 | 1010 | 1085 | 775 | 875 | 575 | 660 |
| IOWA | 4200 | 4370 | 2840 | 3130 | 2265 | 2500 | 1710 | 2140 |
| KANS | 455 | 475 | 305 | 300 | 280 | 265 | 205 | 230 |
| MINN | 1370 | 1460 | 975 | 940 | 810 | 770 | 570 | 635 |
| MO | 990 | 1020 | 600 | 610 | 470 | 485 | 370 | 400 |
| NEBR | 1365 | 1350 | 865 | 900 | 700 | 680 | 530 | 580 |
| N C | 810 | 860 | 490 | 525 | 410 | 435 | 350 | 365 |
| OHIO | 660 | 680 | 440 | 490 | 330 | 375 | 290 | 315 |
| TOTAL | | | | | | | | |
| 10 STS.: | 13105 | 13605 | 8815 | 9405 | 7135 | 7565 | 5525 | 6300 |

FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,
SEPTEMBER-NOVEMBER 1986-87, 10 STATES

| STATE | SOWS FARROWING | | | PIGS PER LITTER | | PIG CROP 1/ | | |
|----------|----------------|--------|-----------|-----------------|---------|-------------|-----------|----------|
| | 1986 | 1987 | :AS % OF: | 1986 | 1987 | 1986 | 1987 | :AS % OF |
| | NUMBER | NUMBER | 1986 | NUMBER | NUMBER | NUMBER | NUMBER | 1986 |
| | | | | 1000 HEAD | PERCENT | NUMBER | 1000 HEAD | PERCENT |
| GA | 58 | 58 | 100 | 7.65 | 7.70 | 444 | 447 | 101 |
| ILL | 285 | 300 | 105 | 7.50 | 7.40 | 2138 | 2220 | 104 |
| IND | 200 | 225 | 113 | 7.80 | 7.70 | 1560 | 1733 | 111 |
| IOWA | 690 | 740 | 107 | 7.75 | 7.80 | 5348 | 5772 | 108 |
| KANS | 72 | 75 | 104 | 7.75 | 7.80 | 558 | 585 | 105 |
| MINN | 215 | 230 | 107 | 8.05 | 8.00 | 1731 | 1840 | 106 |
| MO | 170 | 185 | 109 | 7.60 | 7.40 | 1292 | 1369 | 106 |
| NEBR | 205 | 205 | 100 | 7.90 | 8.00 | 1620 | 1640 | 101 |
| N C | 120 | 130 | 108 | 8.20 | 8.10 | 984 | 1053 | 107 |
| OHIO | 100 | 110 | 110 | 7.85 | 7.60 | 785 | 836 | 106 |
| TOTAL | | | | | | | | |
| 10 STS.: | 2115 | 2258 | 107 | 7.78 | 7.75 | 16460 | 17495 | 106 |

1/ NUMBER OF PIGS BORN SEPTEMBER THROUGH NOVEMBER, THAT WERE ON HAND DECEMBER 1, OR HAD BEEN SOLD.

FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,
DECEMBER 1/-FEBRUARY 1987-88, 10 STATES

| STATE | SOWS FARROWING | | | PIGS PER LITTER | | PIG CROP 2/ | | |
|----------|----------------|--------|-----------|-----------------|---------|-------------|-----------|----------|
| | 1987 | 1988 | :AS % OF: | 1987 | 1988 | 1987 | 1988 | :AS % OF |
| | NUMBER | NUMBER | 1987 | NUMBER | NUMBER | NUMBER | NUMBER | 1987 |
| | | | | 1000 HEAD | PERCENT | NUMBER | 1000 HEAD | PERCENT |
| GA | 56 | 60 | 107 | 7.30 | 7.60 | 409 | 456 | 111 |
| ILL | 240 | 270 | 113 | 7.70 | 7.80 | 1848 | 2106 | 114 |
| IND | 200 | 205 | 103 | 7.65 | 7.75 | 1530 | 1589 | 104 |
| IOWA | 590 | 625 | 106 | 7.85 | 7.75 | 4632 | 4844 | 105 |
| KANS | 70 | 70 | 100 | 7.70 | 7.80 | 539 | 546 | 101 |
| MINN | 210 | 220 | 105 | 7.95 | 7.95 | 1670 | 1749 | 105 |
| MO | 145 | 160 | 110 | 7.50 | 7.40 | 1088 | 1184 | 109 |
| NEBR | 185 | 185 | 100 | 7.90 | 8.00 | 1462 | 1480 | 101 |
| N C | 120 | 130 | 108 | 7.85 | 7.95 | 942 | 1034 | 110 |
| OHIO | 100 | 105 | 105 | 7.20 | 7.40 | 720 | 777 | 108 |
| TOTAL | | | | | | | | |
| 10 STS.: | 1916 | 2030 | 106 | 7.75 | 7.77 | 14840 | 15765 | 106 |

1/ DECEMBER PRECEDING YEAR. 2/ NUMBER OF PIGS BORN DECEMBER THROUGH FEBRUARY, THAT WERE ON HAND MARCH 1, OR HAD BEEN SOLD.

FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,
MARCH-MAY 1986-88, 10 STATES

| STATE | SOWS FARROWING | | | | PIGS | | PIG CROP 1/ | | |
|---------|----------------|---------|--------|---------|------------|------|-------------|---------|--------------|
| | 1986 | | 1987 | | PER LITTER | | 1987 | | |
| | NUMBER | PERCENT | NUMBER | PERCENT | 1986 | 1987 | NUMBER | PERCENT | AS % OF 1986 |
| GA | 56 | 60 | 64 | 107 | 7.60 | 7.50 | 426 | 450 | 106 |
| ILL | 300 | 310 | 360 | 116 | 7.40 | 7.70 | 2220 | 2387 | 108 |
| IND | 230 | 230 | 220 | 96 | 7.70 | 7.80 | 1771 | 1794 | 101 |
| IOWA | 690 | 790 | 790 | 100 | 7.90 | 8.00 | 5451 | 6320 | 116 |
| KANS | 80 | 77 | 80 | 104 | 7.90 | 8.00 | 632 | 616 | 97 |
| MINN | 220 | 235 | 230 | 98 | 8.05 | 8.15 | 1771 | 1915 | 108 |
| MO | 180 | 200 | 200 | 100 | 7.75 | 7.50 | 1395 | 1500 | 108 |
| NEBR | 195 | 210 | 205 | 98 | 7.90 | 8.00 | 1541 | 1680 | 109 |
| N C | 120 | 125 | 130 | 104 | 8.00 | 8.15 | 960 | 1019 | 106 |
| OHIO | 100 | 115 | 120 | 104 | 7.90 | 8.00 | 790 | 920 | 116 |
| TOTAL | | | | | | | | | |
| 10 STS. | 2171 | 2352 | 2399 | 102 | 7.81 | 7.91 | 16957 | 18601 | 110 |

1/ NUMBER OF PIGS BORN MARCH THROUGH MAY, THAT WERE ON HAND JUNE 1, OR HAD BEEN SOLD. 2/ INTENTIONS.

FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,
JUNE-AUGUST 1986-88, 10 STATES

| STATE | SOWS FARROWING | | | | PIGS | | PIG CROP 1/ | | |
|---------|----------------|---------|--------|---------|------------|------|-------------|---------|--------------|
| | 1986 | | 1987 | | PER LITTER | | 1987 | | |
| | NUMBER | PERCENT | NUMBER | PERCENT | 1986 | 1987 | NUMBER | PERCENT | AS % OF 1986 |
| GA | 52 | 60 | 64 | 107 | 7.40 | 7.60 | 385 | 456 | 118 |
| ILL | 290 | 290 | 330 | 114 | 7.60 | 7.65 | 2204 | 2219 | 101 |
| IND | 230 | 250 | 230 | 92 | 7.60 | 7.70 | 1748 | 1925 | 110 |
| IOWA | 650 | 730 | 740 | 101 | 7.85 | 7.75 | 5103 | 5658 | 111 |
| KANS | 72 | 67 | 70 | 104 | 7.55 | 7.65 | 544 | 513 | 94 |
| MINN | 215 | 240 | 240 | 100 | 8.05 | 7.90 | 1731 | 1896 | 110 |
| MO | 150 | 165 | 175 | 106 | 7.70 | 7.50 | 1155 | 1238 | 107 |
| NEBR | 190 | 200 | 200 | 100 | 7.90 | 7.80 | 1501 | 1560 | 104 |
| N C | 120 | 135 | 140 | 104 | 8.20 | 8.00 | 984 | 1080 | 110 |
| OHIO | 105 | 120 | 115 | 96 | 7.70 | 7.80 | 809 | 936 | 116 |
| TOTAL | | | | | | | | | |
| 10 STS. | 2074 | 2257 | 2304 | 102 | 7.79 | 7.75 | 16164 | 17481 | 108 |

1/ NUMBER OF PIGS BORN JUNE THROUGH AUGUST, THAT WERE ON HAND SEPTEMBER 1, OR HAD BEEN SOLD. 2/ INTENTIONS.

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