

LIVESTOCK SLAUGHTER



APRIL 1967

May 31, 1967

APRIL 1967 RED MEAT PRODUCTION UP 7 PERCENT: Commercial production of red meat in the 48 States during April totaled 2,723 million pounds, according to the Crop Reporting Board. This was 7 percent above the April 1966 total of 2,554 million pounds, but reflects a seasonal decline of 8 percent from the March 1967 total. Commercial meat production includes slaughter in federally inspected and other slaughter plants, but excludes animals slaughtered on farms.

BEEF PRODUCTION 6 PERCENT HIGHER DURING APRIL 1967: April beef production totaled 1,596 million pounds, up 6 percent from a year earlier but 6 percent under March 1967. The number of cattle slaughtered during April totaled 2,663,200 head, 2 percent greater than a year earlier. Average live weight of cattle slaughtered during the month was 1,028 pounds, 17 pounds heavier than in April 1966, but 2 pounds lighter than in March 1967.

APRIL VEAL PRODUCTION DOWN 16 PERCENT: There were 57 million pounds of veal produced during April, 16 percent less than a year earlier and 12 percent less than March 1967. The 464,800 head of calves slaughtered during the month was down 15 percent from April 1966. Average live weight per head was 221 pounds in April, 7 pounds under a year earlier, but 11 pounds above the March 1967 average.

PORK PRODUCTION UP 11 PERCENT FROM APRIL 1966: Pork production during April totaled 1,021 million pounds, 11 percent above April 1966 but 10 percent less than a month earlier. The hog kill during April was 6,769,500 head, 10 percent more than a year earlier. The average live weight of hogs slaughtered during the month was 239 pounds per head, 4 pounds less than a year earlier but 4 pounds heavier than the previous month.

(Continued on page 8)

Special to this Issue

A special article on the relationship of the pig crop to slaughter at a later date is included in this report. This article updates a similar article which appeared in the July 1964 Livestock and Meat Situation titled "Relation of Hog Slaughter to Pig Crops."

April commercial meat and lard production, 48 States with comparisons 1/

Month and year	Beef	Veal	Pork 2/	Lamb and mutton	Total red meat 2/	Poultry 3/	Lard 4/
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
April 1966	1,508	68	923	55	2,554	602	166
March 1967	1,694	65	1,135	61	2,955	624	184
April 1967	1,596	57	1,021	49	2,723	622	162
Jan.-Apr. 1966 5/	6,241	292	3,568	211	10,312	2,268	601
Jan.-Apr. 1967 5/	6,557	249	4,236	227	11,269	2,479	693

1/ Excludes animals slaughtered on farms. 2/ Excludes lard and rendered pork fat.
 3/ Chicken and turkey meat ready-to-cook basis, excludes slaughter on farms for home use.
 4/ Includes rendered pork fat. 5/ Accumulated totals based on unrounded data.

April commercial livestock slaughter, 48 States, with comparisons 1/

Species, month and year	Number slaughtered			Average live weight	Total live weight
	Federally inspected	Other commercial	Total		
	1,000 head	1,000 head	1,000 head	Pounds	Million pounds
CATTLE					
April 1966	2,103.1	502.9	2,606.0	1,011	2,634
March 1967	2,338.0	513.6	2,851.6	1,030	2,938
April 1967	2,184.8	478.4	2,663.2	1,028	2,739
Jan.-Apr. 1966 2/	8,676.2	2,141.1	10,817.3	1,016	10,993
Jan.-Apr. 1967 2/	8,993.0	1,999.5	10,992.5	1,033	11,351
CALVES					
April 1966	369.5	174.2	543.7	228	124
March 1967	400.4	160.9	561.3	210	118
April 1967	316.3	148.5	464.8	221	103
Jan.-Apr. 1966 2/	1,586.1	748.9	2,335.0	227	529
Jan.-Apr. 1967 2/	1,402.2	636.7	2,038.9	221	450
HOGS					
April 1966	5,303.3	835.4	6,138.7	243	1,493
March 1967	6,724.7	959.3	7,684.0	3/235	3/1,807
April 1967	5,869.8	899.7	6,769.5	239	1,616
Jan.-Apr. 1966 2/	20,478.3	3,319.1	23,797.4	240	5,720
Jan.-Apr. 1967 2/	24,526.5	3,787.3	28,313.8	238	6,749
SHEEP AND LAMBS					
April 1966	972.1	109.9	1,082.0	103	112
March 1967	1,072.1	113.2	1,185.3	104	123
April 1967	871.7	102.5	974.2	102	99
Jan.-Apr. 1966 2/	3,699.2	367.0	4,066.2	105	428
Jan.-Apr. 1967 2/	3,986.2	395.9	4,382.1	105	458

1/ Excludes animals slaughtered on farms. 2/ Accumulated totals based on unrounded data.
 3/ Corrected.

COMMERCIAL CATTLE SLAUGHTER 1/

STATE 2/	APRIL				JANUARY-APRIL			
	NUMBER SLAUGHTERED		TOTAL LIVE WEIGHT		NUMBER SLAUGHTERED		TOTAL LIVE WEIGHT	
	1966	1967	1966	1967	1966	1967	1966	1967
	1,000 HEAD	1,000 HEAD	1,000 POUNDS	1,000 POUNDS	1,000 HEAD	1,000 HEAD	1,000 POUNDS	1,000 POUNDS
NEW ENG..	17.0	12.3	18,685	13,788	76.5	54.6	84,094	60,649
N.Y.....	34.0	30.0	38,046	33,630	145.5	122.5	161,779	136,503
N.J.....	24.5	26.5	30,748	33,310	113.0	114.5	141,478	147,096
PA.....	69.0	67.0	75,072	73,164	294.5	279.0	322,332	306,653
OHIO.....	100.0	100.0	100,000	100,500	424.0	412.0	427,498	418,988
IND.....	59.0	50.5	61,065	52,672	259.5	208.5	266,998	216,321
ILL.....	119.0	115.0	120,071	115,920	505.0	465.0	512,571	476,108
MICH.....	52.5	54.0	55,125	57,726	230.0	221.0	244,183	233,916
WISC.....	98.5	88.0	107,759	99,088	420.5	386.0	467,982	436,569
MINN.....	128.0	144.0	136,320	153,792	540.0	592.0	575,096	632,666
IOWA.....	306.0	326.0	322,830	345,560	1,291.0	1,325.0	1,367,865	1,420,018
MO.....	112.0	121.0	113,456	126,929	426.0	495.0	431,498	513,287
N.DAK....	8.8	12.8	9,170	13,670	43.4	55.0	45,699	58,903
S.DAK....	45.5	59.5	48,366	63,844	198.5	238.0	212,328	256,335
NEBR.....	281.0	299.0	292,521	326,508	1,095.0	1,179.0	1,143,785	1,272,044
KANS.....	126.0	135.0	128,520	141,075	524.0	576.0	535,278	613,641
DEL.-MD..	9.3	10.0	10,060	10,585	40.5	41.3	44,057	44,697
VA.....	17.4	14.6	17,087	14,483	73.0	65.8	74,094	67,387
W.VA.....	5.7	4.9	5,689	4,964	23.8	20.5	24,074	20,954
N.C.....	16.8	13.8	15,809	13,345	63.3	56.1	60,191	54,115
S.C.....	9.8	7.0	7,575	5,474	41.3	30.5	32,297	24,610
GA.....	31.5	29.0	25,610	24,302	134.5	123.5	109,022	103,292
FLA.....	33.0	32.0	29,799	29,696	139.0	133.0	127,477	122,730
KY.....	19.8	18.3	18,315	17,184	84.0	76.2	78,846	72,909
TENN.....	42.5	42.5	38,590	39,780	174.0	174.0	160,335	163,783
ALA.....	19.1	20.3	16,732	18,514	76.7	75.2	67,628	68,141
MISS.....	31.0	28.5	24,831	23,228	122.0	119.0	97,821	100,179
ARK.....	14.2	12.5	11,971	10,738	55.6	54.3	47,798	46,768
LA.....	11.3	11.9	8,418	9,199	46.6	48.6	34,804	38,311
OKLA....	40.0	39.5	35,680	35,471	159.5	165.5	140,022	149,792
TEXAS....	189.0	198.0	164,808	175,428	770.0	815.0	679,306	726,049
MT.....	15.5	18.6	15,996	18,470	71.5	78.8	74,753	80,144
IDAHO....	20.3	25.0	21,031	25,900	96.7	108.5	99,984	113,564
WYO.....	2.1	2.2	2,186	2,189	8.7	9.1	8,880	9,438
COLO....	122.0	137.0	125,904	143,165	491.0	524.0	506,473	548,177
N.MEX....	23.2	22.5	22,179	21,600	93.4	93.0	89,764	89,601
ARIZ....	19.4	19.0	18,023	18,240	82.8	81.0	77,050	78,610
UTAH....	24.6	21.0	24,821	21,126	105.6	93.4	108,611	94,330
NEV.....	2.4	2.3	2,381	2,413	9.2	9.5	9,245	10,070
WASH....	44.0	43.0	45,936	44,720	179.5	172.5	186,629	180,564
OREG....	23.3	23.2	23,393	23,455	98.7	97.1	99,196	98,678
CALIF....	238.0	226.0	243,712	234,136	990.0	1,004.0	1,014,578	1,044,456
48 STATES	2,606.0	2,663.2	2,634,290	2,738,981	10,817.3	10,992.5	10,993,401	11,351,046
HAWAII...	4.6	4.6	4,517	4,508	18.1	19.3	17,661	18,764
U. S.....	2,610.6	2,667.8	2,638,807	2,743,489	10,835.4	11,011.8	11,011,062	11,369,810

1/ INCLUDES SLAUGHTER IN FEDERALLY INSPECTED AND OTHER SLAUGHTER PLANTS.
EXCLUDES ANIMALS SLAUGHTERED ON FARMS.

2/ NEW ENGLAND INCLUDES MAINE, NEW HAMPSHIRE, VERMONT, MASSACHUSETTS, RHODE ISLAND
AND CONNECTICUT. COMMERCIAL SLAUGHTER NOT ESTIMATED IN ALASKA.

COMMERCIAL CALF SLAUGHTER ^{1/}

STATE ^{2/}	APRIL				JANUARY-APRIL			
	NUMBER SLAUGHTERED		TOTAL LIVE WEIGHT		NUMBER SLAUGHTERED		TOTAL LIVE WEIGHT	
	1966	1967	1966	1967	1966	1967	1966	1967
	1,000 HEAD	1,000 HEAD	1,000 POUNDS	1,000 POUNDS	1,000 HEAD	1,000 HEAD	1,000 POUNDS	1,000 POUNDS
NEW ENG..	28.6	23.6	2,811	2,319	109.9	99.3	10,973	9,866
N.Y.....	84.5	76.0	9,718	9,500	331.0	306.5	39,580	34,984
N.J.....	28.5	25.0	5,415	5,000	112.0	96.8	22,047	19,051
PA.....	45.5	40.0	6,324	5,560	199.5	188.5	26,270	25,103
OHIO.....	9.0	8.8	1,710	1,681	38.4	35.9	7,048	6,822
IND.....	6.0	4.7	1,128	926	22.5	17.4	4,357	3,328
ILL.....	25.0	21.4	4,300	3,317	105.5	101.0	18,444	15,894
MICH.....	17.2	15.7	2,683	2,182	80.2	70.8	12,250	10,691
WISC.....	61.5	52.5	7,380	6,352	289.0	255.0	33,469	30,623
MINN.....	15.0	21.1	2,925	3,418	78.9	74.6	14,108	12,488
IOWA.....	29.0	23.7	4,495	3,792	140.5	105.3	21,660	16,993
MO.....	4.3	3.3	1,135	894	20.8	16.8	6,031	4,944
N.DAK.....	---	.1	---	43	.1	.1	40	43
S.DAK.....	---	.1	---	33	.1	.4	33	137
NEBR.....	.8	1.0	382	455	3.5	4.2	1,601	1,798
KANS.....	1.2	.6	445	228	6.2	3.2	2,459	1,262
DEL.-MD..	3.0	3.0	549	584	13.9	12.5	2,445	2,333
VA.....	17.0	13.7	4,114	3,206	66.4	58.1	16,773	14,420
W.VA.....	.8	.6	154	116	3.4	2.3	668	469
N.C.....	3.7	.8	984	162	10.0	4.1	2,575	1,029
S.C.....	9.4	10.9	3,440	4,109	40.0	47.0	14,739	18,278
GA.....	5.7	4.4	2,599	1,962	23.4	25.4	10,468	10,987
FLA.....	14.2	13.9	4,118	4,240	69.6	72.4	20,748	22,019
KY.....	1.3	1.8	292	392	9.0	7.4	2,278	1,619
TENN.....	16.8	9.7	4,318	2,503	70.7	46.0	18,177	12,812
ALA.....	3.7	3.6	1,772	1,843	14.4	14.3	6,995	7,359
MISS.....	10.6	8.2	5,289	4,330	41.7	38.3	21,019	19,718
ARK.....	2.2	1.2	928	618	8.4	5.3	3,599	2,711
LA.....	21.6	18.4	10,130	8,262	89.5	70.8	41,112	32,466
OKLA.....	1.6	1.4	797	707	8.5	7.6	4,452	3,829
TEXAS....	45.5	29.0	25,844	16,066	189.5	131.0	106,075	72,719
MONT.....	.1	.1	39	37	.4	.4	149	143
IDAHO....	.1	.1	30	32	.5	.4	137	136
WYO.....	.1	---	40	---	.1	.1	40	22
COLO.....	.3	.2	129	78	1.1	1.0	489	420
N.MEX....	.1	.1	43	51	.3	.5	137	246
ARIZ.....	.4	.4	184	194	2.2	1.9	1,040	904
UTAH.....	.5	.5	179	166	2.1	1.9	735	647
NEV.....	.2	.2	69	81	.8	.8	286	292
WASH.....	1.6	1.3	542	411	6.8	4.9	2,266	1,634
OREG.....	1.6	1.3	485	381	8.2	5.6	2,575	1,667
CALIF....	25.5	22.4	6,273	6,272	116.0	103.1	28,461	26,770
48 STATES	543.7	464.8	124,192	102,503	2,335.0	2,038.9	528,808	449,676
HAWAII...	---	---	---	---	---	.5	---	109
U. S.....	543.7	464.8	124,192	102,503	2,335.0	2,039.4	528,808	449,785

^{1/} INCLUDES SLAUGHTER IN FEDERALLY INSPECTED AND OTHER SLAUGHTER PLANTS. EXCLUDES ANIMALS SLAUGHTERED ON FARMS.

^{2/} NEW ENGLAND INCLUDES MAINE, NEW HAMPSHIRE, VERMONT, MASSACHUSETTS, RHODE ISLAND AND CONNECTICUT. COMMERCIAL SLAUGHTER NOT ESTIMATED IN ALASKA.

COMMERCIAL HOG SLAUGHTER ^{1/}

STATE <u>2/</u>	APRIL				JANUARY-APRIL			
	NUMBER SLAUGHTERED		TOTAL LIVE WEIGHT		NUMBER SLAUGHTERED		TOTAL LIVE WEIGHT	
	1966	1967	1966	1967	1966	1967	1966	1967
	1,000 HEAD	1,000 HEAD	1,000 POUNDS	1,000 POUNDS	1,000 HEAD	1,000 HEAD	1,000 POUNDS	1,000 POUNDS
NEW ENG..	8.8	10.6	2,156	2,536	35.5	53.2	8,576	12,481
N.Y.....	78.0	96.0	17,784	22,080	312.5	398.5	70,686	92,780
N.J.....	114.0	41.5	23,826	7,844	468.0	165.5	96,969	31,162
PA.....	259.0	321.0	59,311	72,546	1,004.0	1,260.0	229,118	282,595
OHIO.....	371.0	394.0	84,588	88,256	1,479.0	1,647.0	334,759	371,770
IND.....	286.0	243.0	71,214	57,834	1,215.0	1,016.0	296,684	242,711
ILL.....	377.0	379.0	92,365	95,508	1,493.0	1,796.0	371,673	450,703
MICH.....	151.0	183.0	34,428	41,724	601.0	742.0	136,068	170,503
WISC.....	263.0	271.0	64,172	63,956	984.0	1,157.0	233,616	270,948
MINN.....	386.0	469.0	100,360	115,843	1,557.0	1,986.0	394,578	488,530
IOWA.....	1,369.0	1,628.0	347,726	400,488	5,198.0	6,793.0	1,284,640	1,655,580
MO.....	252.0	254.0	64,260	62,992	945.0	1,010.0	239,244	253,144
N.DAK....	1.5	2.0	363	474	5.9	8.2	1,407	1,973
S.DAK....	183.0	187.0	48,129	48,807	714.0	810.0	185,376	207,124
NEBR.....	288.0	334.0	76,608	85,170	1,077.0	1,331.0	280,081	341,633
KANS.....	172.0	204.0	41,452	49,572	611.0	844.0	148,559	205,889
DEL.-MD..	45.6	42.7	9,849	9,133	184.9	183.1	39,949	38,738
VA.....	210.0	242.0	47,040	54,208	776.0	1,007.0	173,198	223,042
W.VA.....	8.3	9.3	2,025	2,204	32.5	38.2	8,006	9,153
N.C.....	104.0	121.0	23,504	26,983	419.0	506.0	94,360	113,249
S.C.....	43.0	41.5	10,277	10,002	165.0	172.5	39,420	41,187
GA.....	122.0	137.0	26,474	30,003	489.0	599.0	105,424	131,797
FLA.....	32.5	34.0	6,825	7,344	128.5	159.0	27,509	34,048
KY.....	128.0	137.0	29,696	30,825	502.0	572.0	117,045	132,901
TENN.....	209.0	247.0	50,787	58,786	800.0	999.0	194,518	238,455
ALA.....	58.5	70.0	13,338	15,750	221.0	277.0	50,361	62,811
MISS.....	68.5	78.0	15,755	17,316	263.5	322.0	60,843	71,087
ARK.....	25.5	28.0	6,094	6,776	98.1	118.5	23,577	28,531
LA.....	14.8	16.1	3,049	3,397	58.1	68.2	12,143	14,721
OKLA.....	56.5	57.5	14,746	14,490	199.5	235.0	51,094	59,390
TEXAS....	137.0	152.0	32,743	36,784	539.0	649.0	129,451	155,771
MONT.....	26.5	30.0	6,228	6,930	97.3	125.5	22,726	28,740
IDAHO....	8.7	10.8	1,966	2,365	32.7	43.9	7,473	9,738
WYO.....	2.7	2.8	626	650	9.6	11.4	2,278	2,651
COLD.....	55.0	56.0	12,870	13,104	205.5	222.0	47,737	52,203
N.MEX....	7.2	7.9	1,670	1,817	28.8	31.7	6,776	7,342
ARIZ.....	9.6	13.3	2,304	3,046	39.9	55.9	9,357	12,901
UTAH.....	9.4	10.8	2,115	2,462	33.6	55.6	7,544	12,498
NEV.....	.1	.3	20	73	.5	.9	107	196
WASH.....	51.0	52.0	11,679	11,596	184.5	196.0	42,104	43,996
OREG.....	27.0	21.4	6,237	4,858	103.0	91.0	23,865	20,656
CALIF....	119.0	134.0	26,775	29,346	486.0	557.0	110,707	123,726
48 STATES	6,138.7	6,769.5	1,493,434	1,615,878	23,797.4	28,313.8	5,719,606	6,749,054
HAWAII...	5.6	4.7	1,008	841	20.7	18.8	3,672	3,317
U. S.....	6,144.3	6,774.2	1,494,442	1,616,719	23,818.1	28,332.6	5,723,278	6,752,371

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2/ NEW ENGLAND INCLUDES MAINE, NEW HAMPSHIRE, VERMONT, MASSACHUSETTS, RHODE ISLAND AND CONNECTICUT. COMMERCIAL SLAUGHTER NOT ESTIMATED IN ALASKA.

COMMERCIAL SHEEP AND LAMB SLAUGHTER 1/

STATE 2/	APRIL				JANUARY-APRIL			
	NUMBER SLAUGHTERED		TOTAL LIVE WEIGHT		NUMBER SLAUGHTERED		TOTAL LIVE WEIGHT	
	1966	1967	1966	1967	1966	1967	1966	1967
	1,000 HEAD	1,000 HEAD	1,000 POUNDS	1,000 POUNDS	1,000 HEAD	1,000 HEAD	1,000 POUNDS	1,000 POUNDS
NEW ENG..	3.0	2.3	232	172	6.2	7.1	501	594
N.Y.....	21.9	16.6	2,015	1,627	75.2	72.6	7,339	6,956
N.J.....	65.0	58.5	6,240	5,733	275.5	279.5	27,353	27,833
PA.....	16.1	12.8	1,401	1,101	54.7	57.0	5,073	5,085
OHIO.....	22.4	13.6	2,061	1,197	88.1	79.3	8,477	7,475
IND.....	.8	1.2	72	100	2.9	3.3	267	301
ILL.....	57.5	55.0	6,095	5,720	227.5	234.0	23,918	24,706
MICH.....	27.5	30.0	2,915	3,390	101.6	118.0	10,973	12,390
WISC.....	2.2	1.4	211	140	6.5	5.3	621	538
MINN.....	49.5	41.0	5,445	4,510	267.0	280.5	28,917	30,530
IOWA.....	77.5	35.5	7,982	3,656	316.0	169.0	32,854	17,363
MO.....	34.0	26.0	3,604	2,704	133.0	130.0	13,963	13,719
N.DAK.....	1.8	7.7	187	832	35.2	56.0	3,791	6,052
S.DAK.....	31.5	35.5	3,528	3,976	137.0	158.0	15,374	17,288
NEBR.....	68.0	50.0	7,208	5,250	296.0	293.0	31,670	31,008
KANS.....	28.0	24.6	2,828	2,411	104.2	85.1	10,572	8,547
DEL.-MD..	4.0	3.7	368	333	15.4	16.6	1,498	1,519
VA.....	.3	.2	27	20	.7	.6	67	58
W.VA.....	.4	.4	35	36	1.6	1.5	157	146
N.C.....	.1	.1	10	10	.3	.4	30	40
S.C.....	.1	---	10	---	.1	.1	10	9
GA.....	---	---	---	---	---	---	---	---
FLA.....	.1	.1	8	8	.2	.2	16	16
KY.....	6.3	7.7	718	862	42.5	49.2	4,625	5,395
TENN.....	3.8	2.9	380	273	14.6	12.8	1,451	1,232
ALA.....	.1	---	9	---	.2	.1	18	10
MISS.....	---	.1	---	10	.1	.1	6	10
ARK.....	.1	---	10	---	.1	---	10	---
LA.....	.2	.2	16	16	.6	.7	49	57
OKLA.....	.4	.2	43	23	1.5	.6	161	68
TEXAS....	140.0	138.0	12,880	12,282	303.0	514.0	28,271	49,046
MONT.....	.2	.3	20	32	1.1	1.4	113	159
IDAHO....	.8	.9	87	98	2.7	3.2	296	353
WYO.....	.2	.1	23	11	.7	.7	77	82
COLG.....	150.0	141.0	16,800	15,369	669.0	663.0	73,605	72,443
N.MEX....	2.9	3.2	316	349	12.0	11.9	1,262	1,280
ARIZ.....	1.6	1.8	173	202	5.4	6.2	572	682
UTAH.....	66.0	57.0	6,930	6,042	223.0	285.0	24,453	31,095
NEV.....	.1	.1	10	10	.3	.8	31	81
WASH.....	12.1	14.7	1,392	1,632	45.4	64.1	5,203	7,034
OREG.....	11.5	9.8	1,219	1,000	35.1	41.2	3,745	4,403
CALIF....	174.0	180.0	18,270	18,180	564.0	680.0	60,493	72,245
48 STATES	1,082.0	974.2	111,778	99,317	4,066.2	4,382.1	427,882	457,848
HAWAII...	.2	---	18	---	.8	.3	81	32
U. S.....	1,082.2	974.2	111,796	99,317	4,067.0	4,382.4	427,963	457,880

1/ INCLUDES SLAUGHTER IN FEDERALLY INSPECTED AND OTHER SLAUGHTER PLANTS.
EXCLUDES ANIMALS SLAUGHTERED ON FARMS.

2/ NEW ENGLAND INCLUDES MAINE, NEW HAMPSHIRE, VERMONT, MASSACHUSETTS, RHODE ISLAND
AND CONNECTICUT. COMMERCIAL SLAUGHTER NOT ESTIMATED IN ALASKA.

LIVESTOCK SLAUGHTER, AVERAGE LIVE WEIGHT PER HEAD,
APRIL 1966 AND 1967 ^{1/}

STATE 2/	CATTLE		CALVES		HOGS		SHEEP AND LAMBS	
	1966	1967	1966	1967	1966	1967	1966	1967
	POUNDS	POUNDS						
NEW ENG..	1,099	1,121	98	98	245	239	77	75
N.Y.....	1,119	1,121	115	125	228	230	92	98
N.J.....	1,255	1,257	190	200	209	189	96	98
PA.....	1,088	1,092	139	139	229	226	87	86
OHIO.....	1,000	1,005	190	191	228	224	92	88
IND.....	1,035	1,043	188	197	249	238	90	83
ILL.....	1,009	1,008	172	155	245	252	106	104
MICH.....	1,050	1,069	156	139	228	228	106	113
WISC.....	1,094	1,126	120	121	244	236	96	100
MINN.....	1,065	1,068	195	162	260	247	110	110
IOWA.....	1,055	1,060	155	160	254	246	103	103
MO.....	1,013	1,049	264	271	255	248	106	104
N.DAK....	1,042	1,068	---	433	242	237	104	108
S.DAK....	1,063	1,073	---	333	263	261	112	112
NEBR.....	1,041	1,092	478	455	266	255	106	105
KANS.....	1,020	1,045	371	380	241	243	101	98
DEL.-MD..	1,082	1,058	183	195	216	214	92	90
VA.....	982	992	242	234	224	224	90	100
W.VA.....	998	1,013	192	193	244	237	87	91
N.C.....	941	967	266	203	226	223	100	100
S.C.....	773	782	366	377	239	241	95	---
GA.....	813	838	456	446	217	219	---	---
FLA.....	903	928	290	305	210	216	78	80
KY.....	925	939	225	218	232	225	114	112
TENN.....	908	936	257	258	243	238	100	94
ALA.....	876	912	479	512	228	225	86	---
MISS.....	801	815	499	528	230	222	---	99
ARK.....	843	859	422	515	239	242	100	---
LA.....	745	773	469	449	206	211	82	78
OKLA.....	892	898	498	505	261	252	107	114
TEXAS....	872	886	568	554	239	242	92	89
MONT.....	1,032	993	368	373	235	231	100	107
IDAHO....	1,036	1,036	301	318	226	219	109	109
WYO.....	1,041	995	400	---	232	232	115	107
COLD.....	1,032	1,045	429	388	234	234	112	109
N.MEX....	956	960	432	511	232	230	109	109
ARIZ.....	929	960	461	484	240	229	108	112
UTAH.....	1,009	1,006	358	332	225	228	105	106
NEV.....	992	1,049	344	406	200	244	100	100
WASH.....	1,044	1,040	339	316	229	223	115	111
OREG.....	1,004	1,011	303	293	231	227	106	102
CALIF....	1,024	1,036	246	280	225	219	105	101
48 STATES	1,011	1,028	228	221	243	239	103	102
HAWAII...	982	980	---	---	180	179	89	---
U. S.....	1,011	1,028	228	221	243	239	103	102

^{1/} INCLUDES SLAUGHTER IN FEDERALLY INSPECTED AND OTHER SLAUGHTER PLANTS.
EXCLUDES ANIMALS SLAUGHTERED ON FARMS.

^{2/} NEW ENGLAND INCLUDES MAINE, NEW HAMPSHIRE, VERMONT, MASSACHUSETTS, RHODE ISLAND
AND CONNECTICUT. COMMERCIAL SLAUGHTER NOT ESTIMATED IN ALASKA.

(Continued from page 1)

Lard rendered per 100 pounds of live weight of hogs was 10.0 pounds, compared with 11.1 pounds in April 1966 and 10.2 pounds in March 1967.

LAMB AND MUTTON PRODUCTION DURING APRIL: There were 49 million pounds of lamb and mutton produced during April, 11 percent less than a year earlier and 20 percent below March 1967. The number of sheep and lambs slaughtered during April was 974,200 head, 10 percent less than a year earlier and 18 percent below the previous month. Sheep and lambs slaughtered during the month averaged 102 pounds per head, 1 pound less than a year earlier and 2 pounds less than March 1967.

POULTRY PRODUCTION UP 3 PERCENT FROM APRIL 1966: Production of poultry meat during April amounted to 622 million pounds, ready-to-cook basis. This was 3 percent more than April 1966 and nearly equal to March 1967 total of 624 million pounds.

Table 1.--Cattle: Percentages of number slaughtered in Federally inspected establishments, by classes, by weeks, 48 States, 1967 1/

Week ending	Percentages of total slaughter			
	Cows	Bulls	Heifers	Steers
April 1	18.6	1.5	26.8	53.1
April 8	18.4	1.2	26.4	54.0
April 15	15.6	1.2	26.8	56.4
April 22	16.7	1.3	27.3	54.7
April 29	17.4	1.3	26.9	54.4
May 6	17.1	1.2	26.0	55.7
May 13	16.8	1.2	25.8	56.2

1/ As reported by Meat Inspectors, LSID, C&MS.

2/ Revised.

Table 2.--Cattle: Percentages of number slaughtered in Federally inspected establishments, by classes, monthly, 48 States 1/

Month	Percentages of total slaughter				Total number slaughtered (000)
	Cows	Bulls	Heifers	Steers	
April 1966	22.0	1.5	25.0	51.5	2,103
March 1967	19.0	1.3	25.7	54.0	2,338
April 1967	17.0	1.3	26.9	54.8	2,185

1/ Based on voluntary reports from Federally inspected slaughtering plants.

Relationship of Hog Slaughter to Pig Crops
by E. B. Hannawald 1/

Introduction

Changes continue to take place in hog production and marketing practices. In recent years an increasing but varying proportion of each pig crop has been slaughtered in commercial slaughtering plants.

Several factors account for the difference from year to year in the relationship of a pig crop to subsequent slaughter rates 5 to 7 months later. Some hogs from a given crop do not reach the slaughter plant. Some die on the farm or on the way to market, and death rates are decreasing. Other hogs are kept on the farm to be slaughtered for farm consumption, but this number is decreasing each year. Others are kept for farrowing litters the following year. Hogs held for later farrowing do not reach the commercial slaughter plants as gilts. Hogs and pigs are being grown to market weights at a faster rate. These factors vary from year to year.

Procedure

The following tables show the effect of taking these various factors into consideration in relating the pig crop to slaughter. Certain adjustments in the pig crop and commercial slaughter are necessary in order to arrive at a net pig crop and the number of barrows and gilts slaughtered. In this way the slaughter can be more closely related to the pig crop. Several assumptions as shown below were necessary to arrive at these adjustments.

Assumptions

1. Deaths: For most years only an annual death-loss figure is available. Since 1963, quarterly estimates have been available in the 10 States for which quarterly reports are issued. However, these quarterly estimates do not show from which crop the deaths occurred.

To estimate the number of deaths from each crop, the annual death loss has been divided equally in percentage between the December-May and June-November crop. For example, in 1965 the annual death loss of all hogs and pigs was 5,998,000 head. This was 7.6 percent of the yearly pig crop of 78,832,000 head. This percentage was then applied to the December-May crop of 42,482,000 head to obtain the 3,228,000 deaths from the December-May crop. This same percentage was applied to the June-November crop of 36,370,000 head to obtain the 2,770,000 deaths from the fall crop.

2. Farm Slaughter: Quarterly estimates are available for farm slaughter. To further divide them into monthly estimates, statistical procedures were used to account for the seasonal pattern of farm slaughter.

It was assumed that hogs slaughtered for farm consumption from July through the following January were from the December-May crop; likewise hogs slaughtered during February through June were from the previous June-November crop. Some sows are slaughtered on the farm, but no information is available on the percentage; it is believed to be so small that it would have little effect.

1/ Chief, Livestock, Dairy and Poultry Branch, Agricultural Estimates Division, Statistical Reporting Service.

In 1966, the definition of farm slaughter and the estimates were changed to include only hogs and pigs actually slaughtered on the farm. Animals slaughtered in packing plants for farm consumption were included as commercial slaughter. Before 1966, animals slaughtered in plants for farm use were included in the farm-slaughter total. This accounts for a much smaller farm slaughter estimate for 1966.

3. Gilts Held for Breeding: Each year a number of gilts are kept for farrowing litters the following year. In years when the December-May pig crop is larger than in the preceding year, a larger number of gilts are held back from the previous December-May crop. In years when the crop is smaller than in the previous year, fewer gilts are retained.

An adjustment can be made for gilts being held back by using the number of sows slaughtered under Federal inspection, since most sows are slaughtered in plants under Federal inspection, and since no data are available on the number of sows slaughtered in other plants. This adjustment was made, as follows, using 1965 as an example:

	1,000 <u>head</u>
Sows farrowed, December 1964-May 1965	5,890
Sows slaughtered, February 1965-August 1965 <u>1/</u>	- 2,829
Sows remaining from December-May farrowing, for farrowing in June-November 1965	3,061
Sows farrowed, June-November 1965	5,006
Sows remaining from December-May farrowings	- 3,061
Gilts saved from June-November 1964 for farrowing in June-November 1965	1,945
Sows farrowed, June-November 1965	5,006
Sows slaughtered, September 1965-January 1966 <u>1/</u>	- 1,814
Sows remaining from June-November farrowing, for farrowing December 1965-May 1966	3,192
Sows farrowed, December 1965-May 1966	6,249
Sows remaining from June-November farrowings	- 3,192
Gilts saved from December 1964-May 1965 pig crop, for farrowing in December 1965-May 1966	3,057

1/ Under Federal inspection.

Tables 1 and 2 show these adjustments in the December-May and June-November pig crops for 1955-66. The last column shows the percentage of the crop that remains for slaughter as barrows and gilts. A larger portion of each crop is available for slaughter as barrows and gilts than in earlier years. In 1955 only 72 percent of the December-May crop was slaughtered as barrows and gilts; in 1966 the portion reached 84 percent. The same is true for the June-November crop, but the change has been smaller. A larger percentage of each crop remains for slaughter as barrows and gilts mainly because of decreases in deaths and farm slaughter. The bigger rise in the share for the December-May crop results from a larger percentage of hogs being slaughtered on farms from the December-May crop than from the June-November crop.

4. Slaughter of Barrows and Gilts: Commercial slaughter estimates include all hogs and pigs slaughtered. Therefore, to obtain the number of barrows and gilts slaughtered, the number of sows slaughtered must be deducted from the commercial slaughter estimates. Data are not available on the number of sows slaughtered in non-federally inspected plants. For this study only sows slaughtered in federally inspected plants were taken into consideration. If an allowance for sows slaughtered in non-federally inspected plants had been made the number of barrows and gilts slaughtered would have been lower.

Over the past 12 years the rate of weight gain for hogs has increased. Barrows and gilts are now being marketed at earlier ages and also at lighter weights. These factors must be considered in forecasting marketings for a given period. No detailed studies are available on the age of barrows and gilts marketed, although some fragmentary data are available in certain States.

A study in Nebraska, for example, indicates that hogs marketed in 1960 averaged 28 weeks of age, while those marketed in 1964 averaged 26 weeks of age. To take such changes into account a trend line was established, as follows:

In 1955, the December-May crop was assumed to have been marketed during the period of the last part of July 1955 through most of January 1956. By 1965 marketings of the spring crop were started in mid-June and ran through most of December. Thus, it was assumed that marketings in 1965 were about 1 month earlier than in 1955.

For marketings of the 1955 June-November pig crop, only a very small portion of January 1956 slaughter was used, plus slaughter through the middle of July 1956. By the fall of 1964, marketings were advanced to include about one-fifth of December 1964 through the middle of June 1965.

A curved-line trend was used from 1955 to 1965 to obtain the marketing periods for the intervening years. One weakness of this assumption is that no account is taken for the early marketing or late marketing of a certain crop. Not all hogs gain at the same rate, and some reach slaughter weights much faster than others. Also, there is no clear division in commercial slaughter data between the December-May crop and the June-November crop. At the end of each season, hogs from both crops reach market at the same time. Also, there is no division in crops at the end of the marketing season when pigs from the two crops are combined and compared with yearly marketings.

Tables 3 and 4 show the number of hogs slaughtered from each crop using the above method of relating a specific crop to a certain period of slaughter.

For marketings of the June-November 1966 pig crop it was assumed that slaughter would be about 5 percent greater than a year earlier for May and that June slaughter would be about the same as a year earlier. With heavier slaughter weights in December, more of the December 1965-May 1966 pig crop could have been held over and marketed during December 1966 than a year earlier. With weekly hog slaughter averaging about 1,500,000 head during December 1966, the allocation of December slaughter between the two pig crops would materially affect the relationship of slaughter to the net pig crop. Barrow and gilt slaughter from the December 1965-May 1966 pig crop was 3 percent below the net pig crop while slaughter for the June-November 1966 crop was a little under 3 percent above the net pig crop.

The June Pig Crop Report will be released June 21 and may change some of the calculations shown here.

Table 1.--December-May pig crop with adjustments for deaths, farm slaughter, and gilts held for breeding, 48 States

Year	December-May pig crop	Hogs and pigs from December-May pig crop that:			Pig crop remaining for slaughter as barrows and gilts	
		Died	Were slaughtered on the farm	Were held for breeding	Number	Percent of December-May crop
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	Percent
1955	57,610	6,049	5,644	4,393	41,524	72
1956	53,124	5,206	4,881	4,125	38,912	73
1957	51,263	5,331	4,588	4,023	37,321	73
1958	51,354	5,392	4,395	4,249	37,318	73
1959	56,620	5,888	4,845	3,161	42,726	75
1960	47,188	4,955	3,682	3,364	35,187	74
1961	50,329	4,882	3,333	3,334	38,780	77
1962	49,496	4,801	2,989	3,166	38,540	78
1963	50,713	4,311	2,714	3,037	40,651	80
1964	47,642	3,716	2,316	2,622	38,988	81
1965	42,482	3,228	1,648	3,057	34,549	81
1966	45,729	3,430	960	2,953	38,386	84

Table 2.--June-November pig crop with adjustments for deaths, farm slaughter, and gilts held for breeding, 48 States

Year	June-November pig crop	Hogs and pigs from June-November pig crop that:			Pig crop remaining for slaughter as barrows and gilts	
		Died	Were slaughtered on the farm	Were held for breeding	Number	Percent of June-November crop
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	Percent
1955	38,119	4,002	1,546	2,045	30,526	80
1956	36,302	3,558	1,395	1,975	29,374	81
1957	36,099	3,754	1,347	2,006	28,992	80
1958	42,179	4,429	1,211	2,069	34,470	82
1959	42,775	4,449	1,304	2,434	34,588	81
1960	40,950	4,268	1,168	2,265	33,249	81
1961	42,307	4,092	1,031	2,440	34,744	82
1962	44,035	4,228	960	2,254	36,593	83
1963	43,273	3,671	883	2,155	36,614	85
1964	39,819	3,144	671	1,945	34,059	86
1965	36,370	2,770	339	2,281	30,980	85
1966	1/40,081	2/(2,850)	2/(300)	2/(2,103)	34,828	87

1/ Includes March 1, 1967 revisions in 10 quarterly States.

2/ Data in parenthesis are based on assumptions and may be changed when official estimates are released.

Table 3.--Comparison of Dec.-May net pig crop and slaughter of barrows and gilts, 48 States, 1955-66

Year	Commercial Slaughter <u>1/</u>	FIS Sows <u>1/</u>	Barrow & Gilt Sl. <u>1/</u>	Net Pig Crop <u>2/</u>	Slau. as % of net Pig Crop
	1,000 head	1,000 head	1,000 head	1,000 head	Percent
1955	44,894	3,669	41,225	41,524	99.3
1956	41,782	3,367	38,415	38,912	98.7
1957	39,555	3,124	36,431	37,321	97.6
1958	39,555	3,134	36,421	37,318	97.6
1959	45,304	3,739	41,565	42,726	97.3
1960	39,979	3,204	36,775	35,187	104.5
1961	41,103	3,347	37,756	38,780	97.4
1962	41,606	3,256	38,350	38,540	99.5
1963	43,692	3,525	40,167	40,651	98.8
1964	42,737	3,415	39,322	38,988	100.9
1965	37,266	2,645	34,621	34,549	100.2
1966	40,487	3,145	37,342	38,386	97.3

1/ Six months slaughter during June of year shown through following January, with adjustments for earlier marketings each year.

2/ Pig crop for December of the preceding year through May of the year shown.

Table 4.--Comparison of June-Nov. net pig crop and slaughter of barrows and gilts, 48 States, 1955-66

Year	Commercial Slaughter <u>1/</u>	FIS Sows <u>1/</u>	Barrow & Gilt Sl. <u>1/</u>	Net Pig Crop <u>2/</u>	Slau. as % of net Pig Crop
	1,000 head	1,000 head	1,000 head	1,000 head	Percent
1955	34,599	3,224	31,375	30,526	102.8
1956	31,898	2,722	29,176	29,374	99.3
1957	30,561	2,343	28,218	28,992	97.3
1958	35,491	2,617	32,874	34,470	95.4
1959	38,028	2,349	35,679	34,588	103.2
1960	35,612	2,190	33,422	33,249	100.5
1961	37,023	2,229	34,794	34,744	100.1
1962	38,874	2,141	36,733	36,593	100.4
1963	39,515	2,227	37,288	36,614	101.8
1964	36,549	2,108	34,441	34,059	101.1
1965	32,873	1,877	30,996	30,980	100.0
1966	38,005	2,158	35,847	34,828	102.9

1/ Six months slaughter during December of year shown through following July, with adjustments for earlier marketings each year.

2/ Pig Crop June-November for year shown.

Table 5.--Comparison of December-November net pig crop and yearly slaughter of barrows and gilts

Year	Barrow and Gilt Slaughter ^{1/}	Net Pig Crop December-November ^{2/}	Barrow and Gilt slaughter as percent of net pig crop
	1,000 head	1,000 head	Percent
1955	72,600	72,050	100.8
1956	67,591	68,286	99.0
1957	64,649	66,313	97.5
1958	69,295	71,788	96.5
1959	77,244	77,314	99.9
1960	70,197	68,436	102.6
1961	72,550	73,524	98.7
1962	75,083	75,133	99.9
1963	77,455	77,265	100.2
1964	73,763	73,047	101.0
1965	65,617	65,529	100.1
1966	73,189	73,214	100.0

^{1/} Sum of barrow and gilt slaughter shown in tables 3 and 4.

^{2/} Sum of December-May and June-November net pig crops shown in tables 3 and 4.

Table 6.--Average live weight of barrows and gilts slaughtered at 8 major markets, specified marketing dates, 1965 and 1966

Date	1965	1966
	Pounds	Pounds
October 29	234	236
November 5	235	237
November 12	235	235
November 19	236	239
November 26	236	240
December 3	237	242
December 10	236	242
December 17	235	241
December 28	236	240

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