EXPLANATORY NOTE

This annual Industry Performance Report on swine presents the industry situation in terms of inventory by farmtype, age classification, and by top producing regions; volume of production; supply and disposition and; monthly levels and trend of farmgate, wholesale and retail prices.

The Bureau conducts the Backyard and Commercial Livestock and Poultry Surveys (BLPS and CLPS) and the Survey of Abattoirs nationwide to generate information on inventory of stocks, births, slaughter and deaths. The BLPS covers one (1) of the four (4) replicate samples of the Rice and Corn Production Survey consisting of 9,761 sample households in 643 sample barangays nationwwide. The CLPS covers around 1,044 independent farms with greater than 20 heads of swine regardless of age. Both surveys for swine was simultaneously conducted every quarter in all provinces. The Abattoir Survey on the other hand, covers around 1,100 abattoirs nationwide and is undertaken in coordination with the National Meat Inspection Commission (NMIC).

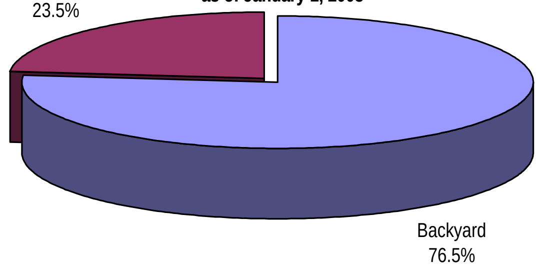
SWINE INDUSTRY PERFORMANCE REPORT
January-December 2002

INVENTORY

BY FARM TYPE

Total swine population in the country as of January 1, 2003 was estimated at 12.36 million head, recording an increase of 6.11 percent from last year's head count. Of the total stocks, 76.5 percent came from the backyard farms while 23.5 percent came from the commercial farms.

Fig. 1. Distribution of Inventory by Farmtype, as of January 1, 2003



BY CLASSIFICATION

Female breeders classified as sows and gilts represented 12 percent and 5 percent of the total inventory, respectively. Compared with last year's stocks, total sow inventory was higher by 6.5 percent while gilts increased by 22.03 percent. Total inventory of fatteners and growers which, comprised more than 50 percent of the total population showed higher growth rates of 13.8 percent and 9.8 percent, respectively. Swine stocks classified under piglets, weanlings and boars which, accounted for around 29.5 percent of the total inventory were estimated at 3.6 million head, down by 5 percent from last year's level.

Table 1. SWINE: INVENTORY BY CLASSIFICATION AND BY FARMTYPE, PHILIPPINES, AS OF JANUARY 1, 2001 - 2003 ('000 Head)

ITEM	2001	2002	2003P	% Change 02/01	% Change 03/02
TOTAL	**11,063.1**	**11,652.7**	**12,364.3**	**5.33**	**6.11**
Backyard	8,541.80	8,935.40	9,462.97	4.61	5.90
Commercial	2,521.34	2,717.30	2,901.35	7.77	6.77
Sow	**1,300.21**	**1,359.85**	**1,448.41**	**4.59**	**6.51**
Backyard	1,020.73	1,045.38	1,124.96	2.41	7.61
Commercial	279.48	314.47	323.45	12.52	2.86
Gilt	**543.31**	**497.88**	**607.58**	**(8.36)**	**22.03**
Backyard	452.12	420.16	512.21	(7.07)	21.91
Commercial	91.19	77.72	95.37	(14.77)	22.71
Fatteners 1/	**2,880.35**	**2,908.63**	**3,310.16**	**0.98**	**13.80**
Backyard	2,255.67	2,355.99	2,557.25	4.45	8.54
Commercial	624.68	552.64	752.91	(11.53)	36.24
Growers 2/	**3,002.87**	**3,079.20**	**3,381.57**	**2.54**	**9.82**
Backyard	2,309.84	2,385.59	2,575.52	3.28	7.96
Commercial	693.03	693.61	806.05	0.08	16.21
Others 3/	**3,336.40**	**3,807.14**	**3,616.60**	**14.11**	**(5.00)**
Backyard	2,503.44	2,728.28	2,693.03	8.98	(1.29)
Commercial	832.96	1,078.86	923.57	29.52	(14.39)

P Preliminary estimates
1/ Fatteners are market hogs 4 months old and over
2/ More than 2 mos. but less than 4 mos.
3/ Include piglets, weanlings and boars

Fig. 2 Distribution of Inventory by Classification, Philippines, as of Jan. 1, 2003

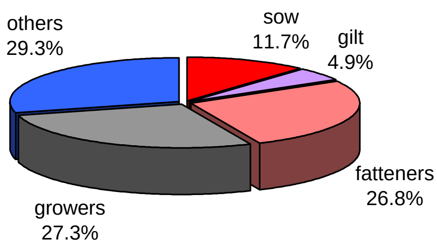
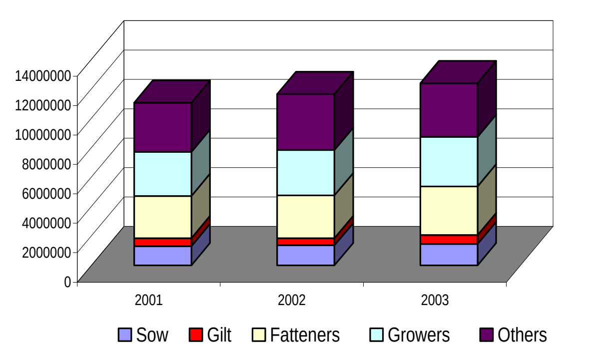


Fig.3. Inventory by Classification, as of Jan. 1, 2001-2003



TOP PRODUCING REGIONS

The top producing regions namely, Southern Tagalog, Central Luzon, Southern Mindanao, Western and Central Visayas contributed around 53.4 percent to the total inventory.

Figure 4: Distribution of Inventory in Top Producing Regions, 2003

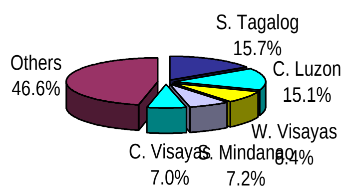


Table 2: TOP PRODUCING REGIONS ON SWINE, AS OF JANUARY 1, 2003P (No. of Head)

Regions	Total Inventory	Backyard	Commercial
Southern Tagalog	1,945,550	874,360	1,071,190
Central Luzon	1,867,600	808,820	1,058,780
Western Visayas	1,037,830	918,420	119,410
Southern Mindanao	887,320	713,850	173,470
Central Visayas	869,080	716,470	148,000
Sub-Total	**6,607,380**	**4,036,530**	**2,570,850**
Others	5,756,920	5,426,430	330,490
Philippines	**12,364,300**	**9,462,960**	**2,901,340**
		(Percent Share)	
Southern Tagalog	15.74	9.24	36.92
Central Luzon	15.10	8.55	36.49
Western Visayas	8.39	9.71	4.12
Southern Mindanao	7.18	7.54	5.98
Central Visayas	7.03	7.57	5.10
Sub-Total	**53.44**	**42.66**	**88.61**
	-	-	-
Others	46.56	57.34	11.39
	-	-	-
Philippines	**100.00**	**100.00**	**100.00**

P Preliminary

SUPPLY AND DISPOSITION

Total supply of swine in the country reached 34.20 million head, 5.64 percent higher than last year's 32.38 million head. This was attributed to the 5.8 percent increment in the number of births which accounted for around 66 percent of the total supply. The total number of hog slaughtered in 2002 was estimated at 19.75 million head, an increase of 5.3 percent from last year's 18.76 million head. Of the total hogs slaughtered, around 8.9 million head or 45.6 percent were slaughtered in abattoirs (NMIC accredited and LGU supervised) and the rest were either slaughtered in the households or outside the abattoirs.

Table 3. SUPPLY AND DISPOSITION, PHILIPPINES 2001-2002 (Number of live animals)

ITEMS	2001	2002	% Change 2002/2001
TOTAL SUPPLY	**32,377,910**	**34,203,800**	**5.64**
Beginning Inventory	11,063,140	11,652,700 1/	5.33
Born Alive	21,312,636	22,549,870	5.81
Imports	2,134	1,230	(42.36)
DISPOSITION	**20,725,210**	**21,839,500**	**5.38**
Slaughtered	18,763,900	19,749,000	5.25
Death/Losses	1,961,310	2,090,500	6.59
ENDING INVENTORY	**11,652,700** 1/	**12,364,300** 2/	**6.11**

1/ As of Jan. 1, 2002
2/ As of Jan. 1, 2003

SUPPLY AND UTILIZATION

Total pork supply reached 1.36 million metric tons, an increase of 5 percent from last year's 1.29 million m.t. The volume of pork imports which was only 2 percent of the total supply increased by 16.41 percent from last year's level. The net food disposable which was consumed as fresh or frozen meat reached 1.34 million m. t. The annual per capita consumption of pork in 2002 was 13.85 kg./year, excluding offals and processed meat.

Table 4. PORK: SUPPLY AND UTILIZATION, PHILIPPINES, 2001 - 2002 (metric tons)

ITEMS	2001	2002P	% Change 2002/2001
SUPPLY	**1,287,910**	**1,357,983**	**5.44**
Production	1,265,888	1,332,347	5.25
Imports [1/]	22,022	25,636	16.41
DISPOSITION	**1,288,110**	**1,357,984**	**5.42**
Exports			
Processing	15,191	15,988	5.25
Net Food Disposable	1,272,919	1,341,996	5.43
Carcass	1,047,991	1,100,958	5.05
Per Cap (Kg/Yr)	13.45	13.85	2.97
Offals	224,728	241,038	7.26
Per Cap (Kg/Yr)	2.88	3.03	5.21
HUMAN POPULATION	**77,925,894**	**80,429,117**	**3.21**

P Preliminary Estimates

Source: BAS-Agricultural Accounts & Statistical Indicators Division

VOLUME OF PRODUCTION

The volume of swine production rose from last year's 1584.5 thousand m.t. to 1667.8 thousand m.t., or an increase of 5.2 percent from the previous year's level.

Table 5. SWINE: VOLUME OF PRODUCTION, BY QUARTER, PHILIPPINES, 2001 - 2003P

Quarter	2001	2002	2003P	% Change 02/01	% Change 03/02
VOLUME * (in '000 m.t. liveweight)					
Jan - Mar	378.60	396.14	414.61	4.63	4.66
Apr - Jun	374.08	392.54		4.93	
Jan - Jun	752.68	788.68		4.78	
Jul - Sep	372.38	394.35		5.90	
Oct - Dec	459.46	484.73		5.50	
Jul - Dec	831.84	879.08		5.68	
TOTAL	**1,584.52**	**1,667.76**		**5.25**	

* Based on income accounts concept

PORK IMPORTS

The total volume of pork imports in 2002 reached 25,637 m.t. valued at US$16.5 million. Total volume and value of imports increased by 16.41 percent and 10.75 percent, respectively, against previous year's levels.

Table 6. VOLUME AND VALUE OF PORK IMPORTS, BY QUARTER, PHILIPPINES, 2001 - 2002

Quarter/ Semester	2001		2002		% Change 02/01	
	Volume (mt)	Value (FOB '000 US $)	Volume (mt)	Value (FOB '000 US $)	Volume	Value
Jan - Mar	5,386.65	3,855.28	7,013.74	4,275.80	30.21	10.91
Apr - Jun	4,818.57	3,715.54	5,379.35	2,988.01	11.64	(19.58)
Jan - Jun	**10,205.21**	**7,570.81**	**12,393.09**	**7,263.81**	**21.44**	**(4.06)**
Jul - Sep	5,488.64	3,342.82	6,909.56	3,891.47	25.89	16.41
Oct - Dec	6,328.28	3,580.02	6,334.26	4,897.17	0.09	36.79
Jul - Dec	**11,816.92**	**6,922.84**	**13,243.82**	**8,788.64**	**12.08**	**26.95**
TOTAL	**22,022.13**	**14,493.65**	**25,636.91**	**16,052.44**	**16.41**	**10.75**

Source of Basic Data: National Statistics Office

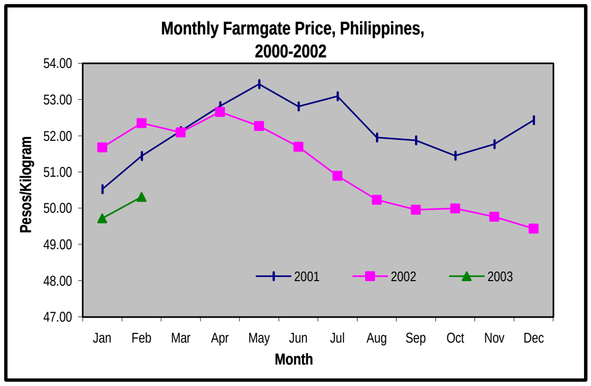
Table 7. SWINE: MONTHLY FARMGATE, WHOLESALE AND RETAIL PRICES, 2001-2003

(In pesos per kilogram)

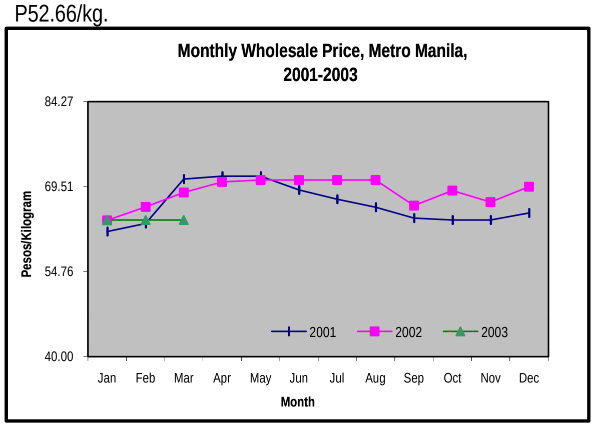
MONTH	FARMGATE PRICE (P/KG) * PHILIPPINES			Percent Change	
	2001	2002	2003P	02/01	03/02
January	50.52	51.68	49.72	2.30	(3.79)
February	51.44	52.35	50.31	1.77	(3.90)
March	52.13	52.09		(0.08)	
April	52.82	52.66		(0.30)	
May	53.43	52.27		(2.17)	
June	52.81	51.70		(2.10)	
July	53.09	50.89		(4.14)	
August	51.95	50.23		(3.31)	
September	51.87	49.96		(3.68)	
October	51.45	49.99		(2.84)	
November	51.77	49.76		(3.88)	
December	52.43	49.44		(5.70)	
Annual Ave.	**52.14**	**51.09**	**50.02**	**(2.03)**	**(2.09)**
MONTH	**WHOLESALE PRICE (P/KG.) * METRO MANILA**				
January	61.67	63.66	63.67	3.23	0.02
February	63.08	65.96	63.67	4.57	(3.47)
March	70.80	68.46	63.67	(3.31)	(7.00)
April	71.33	70.33		(1.40)	
May	71.33	70.67		(0.93)	
June	68.93	70.67		2.52	
July	67.33	70.67		4.96	
August	65.93	70.67		7.19	
September	64.00	66.20		3.44	
October	63.67	68.82		8.09	
November	63.67	66.82		4.95	
December	64.92	69.47		7.01	
Annual Ave.	**66.39**	**68.53**	**63.67**	**3.23**	**(7.10)**
	RETAIL PRICE (Pork Ham, P/Kg.) METRO MANILA				
January	110.66	115.80	110.30	4.64	(4.75)
February	115.04	116.37	112.85	1.16	(3.02)
March	118.36	117.86	114.47	(0.42)	(2.88)
April	119.08	118.27	114.76	(0.68)	
May	119.52	115.92		(3.01)	
June	118.89	113.69		(4.37)	
July	117.28	112.72		(3.89)	
August	115.69	111.32		(3.78)	
September	113.79	108.70		(4.47)	
October	113.28	108.13		(4.55)	
November	113.33	108.45		(4.31)	
December	114.61	109.19		(4.73)	
Annual Ave.	**115.79**	**113.04**	**113.10**	**(2.38)**	**0.05**

* Pesos per kilogram liveweight

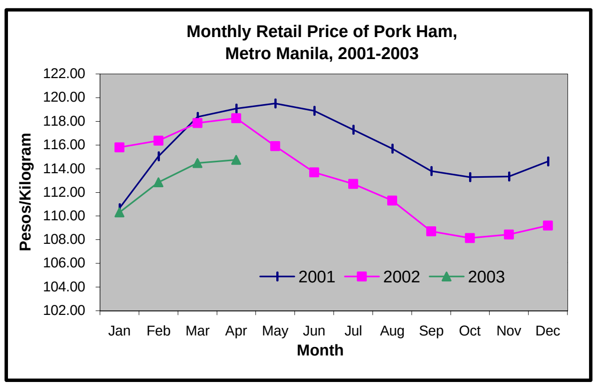
P - Preliminary



The average farm price of live hogs in 2002 was P51.09/kg., it slightly decreased by 2 percent from last year's level. The lowest price was posted during the month of December at P49.44/kg., and the highest was during the month of April at P52.66/kg.



The average wholesale price in Metro Manila was P68.53/kg., 3.2 percent higher than in year 2001. The trend in wholesale price was not consistent with the farmgate and retail because the monitoring scheme covers two large wholesale markets in M. Mla. whose supply largely comes from Mindanao.



The annual average retail price of pork ham in Metro Manila went down from P115.79/kg to P113.04/kg. in 2002 or 2.4 percent lower than the previous year's quotation.

Table 8. SWINE: Inventory on Backyard and Commercial Farms, by Region and by Quarter, 2001-2003
(Number of Head)

REGION/ FARM TYPE	2001 Jan 1	2001 Apr 1	2001 Jul 1	2001 Oct 1	2002 Jan 1	2002 Apr 1	2002 Jul 1	2002 Oct 1	2003 * Jan 1	% Change 03/02
PHILIPPINES	**11,063,140**	**11,360,300**	**11,508,910**	**11,817,862**	**11,652,700**	**12,015,980**	**12,436,802**	**12,730,940**	**12,364,300**	**6.11**
BACKYARD	8,541,800	8,756,600	8,900,850	9,074,210	8,935,400	9,170,280	9,543,390	9,756,650	9,462,960	5.90
COMMERCIAL	2,521,340	2,603,700	2,608,060	2,743,652	2,717,300	2,845,700	2,893,412	2,974,290	2,901,340	6.77
CAR	**293,920**	**296,390**	**298,130**	**288,440**	**294,500**	**305,680**	**335,810**	**329,030**	**306,230**	**3.98**
BACKYARD	290,380	292,790	294,600	284,780	291,720	302,590	332,900	326,170	303,260	3.96
COMMERCIAL	3,540	3,600	3,530	3,660	2,780	3,090	2,910	2,860	2,970	6.83
REGION I	**456,580**	**449,660**	**443,840**	**444,140**	**474,880**	**496,810**	**507,000**	**520,450**	**521,740**	**9.87**
BACKYARD	401,650	389,960	385,010	381,410	414,890	435,780	447,130	459,820	460,780	11.06
COMMERCIAL	54,930	59,700	58,830	62,730	59,990	61,030	59,870	60,630	60,960	1.62
REGION II	**642,530**	**629,440**	**652,510**	**636,472**	**642,530**	**671,100**	**751,470**	**775,130**	**767,200**	**19.40**
BACKYARD	631,740	620,380	642,930	626,290	632,740	661,340	739,110	762,050	750,940	18.68
COMMERCIAL	10,790	9,060	9,580	10,182	9,790	9,760	12,360	13,080	16,260	66.09
REGION III	**1,632,380**	**1,670,470**	**1,788,150**	**1,874,140**	**1,738,760**	**1,859,240**	**1,944,560**	**1,983,120**	**1,867,600**	**7.41**
BACKYARD	617,010	648,510	763,800	832,410	713,440	809,890	887,400	910,320	808,820	13.37
COMMERCIAL	1,015,370	1,021,960	1,024,350	1,041,730	1,025,320	1,049,350	1,057,160	1,072,800	1,058,780	3.26
REGION IV	**1,670,840**	**1,746,400**	**1,784,900**	**1,872,710**	**1,794,010**	**1,907,350**	**1,983,952**	**2,036,220**	**1,945,550**	**8.45**
BACKYARD	**788,120**	**820,690**	**867,450**	**848,420**	**796,900**	**844,110**	**907,780**	**908,020**	**874,360**	**9.72**
COMMERCIAL	**882,720**	**925,710**	**917,450**	**1,024,290**	**997,110**	**1,063,240**	**1,076,172**	**1,128,200**	**1,071,190**	**7.43**
CALABARZON	**1,323,430**	**1,366,190**	**1,401,480**	**1,480,890**	**1,418,010**	**1,516,470**	**1,578,652**	**1,623,100**	**1,558,220**	**9.89**
BACKYARD	448,500	448,490	494,090	468,380	431,270	464,400	512,470	506,970	497,230	15.29
COMMERCIAL	874,930	917,700	907,390	1,012,510	986,740	1,052,070	1,066,182	1,116,130	1,060,990	7.52
MIMAROPA	**347,410**	**380,210**	**383,420**	**391,820**	**376,000**	**390,880**	**405,300**	**413,120**	**387,330**	**3.01**
BACKYARD	339,620	372,200	373,360	380,040	365,630	379,710	395,310	401,050	377,130	3.15
COMMERCIAL	7,790	8,010	10,060	11,780	10,370	11,170	9,990	12,070	10,200	(1.64)
REGION V	**635,880**	**632,580**	**609,080**	**638,580**	**705,850**	**685,900**	**689,200**	**687,290**	**687,050**	**(2.66)**
BACKYARD	622,730	619,750	596,770	625,500	691,390	671,790	674,870	672,550	672,470	(2.74)
COMMERCIAL	13,150	12,830	12,310	13,080	14,460	14,110	14,330	14,740	14,580	0.83
REGION VI	**982,820**	**1,009,100**	**1,000,050**	**993,890**	**1,000,760**	**1,047,270**	**1,025,840**	**1,036,420**	**1,037,830**	**3.70**
BACKYARD	871,690	902,410	894,200	879,860	887,090	933,550	906,080	915,350	918,420	3.53
COMMERCIAL	111,130	106,690	105,850	114,030	113,670	113,720	119,760	121,070	119,410	5.05
REGION VII	**818,300**	**845,730**	**844,140**	**864,210**	**862,330**	**856,130**	**858,440**	**851,550**	**869,080**	**0.78**
BACKYARD	729,250	733,800	730,120	744,490	738,390	727,630	716,380	705,720	721,080	(2.34)
COMMERCIAL	89,050	111,930	114,020	119,720	123,940	128,500	142,060	145,830	148,000	19.41
REGION VIII	**682,780**	**719,570**	**702,850**	**762,460**	**713,590**	**724,010**	**716,940**	**732,410**	**719,350**	**0.81**
BACKYARD	680,470	717,230	700,220	759,950	710,980	721,180	714,090	729,130	716,470	0.77
COMMERCIAL	2,310	2,340	2,630	2,510	2,610	2,830	2,850	3,280	2,880	10.34
REGION IX	**694,870**	**704,140**	**741,530**	**750,390**	**711,680**	**742,480**	**879,530**	**924,540**	**800,810**	**12.52**
BACKYARD	689,610	695,990	733,400	742,390	704,090	731,790	867,190	910,220	790,000	12.20
COMMERCIAL	5,260	8,150	8,130	8,000	7,590	10,690	12,340	14,320	10,810	42.42
REGION X	**712,160**	**728,640**	**738,620**	**759,640**	**754,780**	**781,900**	**815,540**	**819,630**	**801,540**	**6.20**
BACKYARD	653,200	666,340	673,560	689,310	671,630	696,330	719,030	733,580	714,740	6.42
COMMERCIAL	58,960	62,300	65,060	70,330	83,150	85,570	96,510	86,050	86,800	4.39
REGION XI	**771,910**	**815,780**	**833,940**	**814,090**	**844,990**	**809,100**	**824,600**	**902,970**	**887,320**	**5.01**
BACKYARD	625,420	661,100	679,290	670,110	695,000	647,890	660,950	726,840	713,850	2.71
COMMERCIAL	146,490	154,680	154,650	143,980	149,990	161,210	163,650	176,130	173,470	15.65
REGION XII	**680,160**	**706,800**	**679,770**	**673,370**	**677,920**	**662,980**	**650,790**	**657,690**	**683,920**	**0.89**
BACKYARD	557,140	586,550	552,720	548,390	554,600	525,200	522,630	527,620	552,690	(0.34)
COMMERCIAL	123,020	120,250	127,050	124,980	123,320	137,780	128,160	130,070	131,230	6.41
CARAGA	**349,330**	**366,740**	**352,410**	**395,280**	**386,710**	**411,390**	**399,410**	**416,180**	**408,170**	**5.55**
BACKYARD	344,750	362,300	347,830	390,850	383,130	406,570	394,130	410,950	404,170	17.24
COMMERCIAL	4,580	4,440	4,580	4,430	3,580	4,820	5,280	5,230	4,000	11.73
A R M M	**38,680**	**38,860**	**38,990**	**50,050**	**49,410**	**54,640**	**53,720**	**58,310**	**60,910**	**23.27**
BACKYARD	38,640	38,800	38,950	50,050	49,410	54,640	53,720	58,310	60,910	23.27
COMMERCIAL	40	60	40	0	0	0	0	0	0	

* Preliminary estimates