

## Summary of Annual Frederick County, MD Consumption verses Production Needed to meet that Demand

### Berries and Melons

Type	**pounds/gallons consumed	***production	# of acres needed
Blackberries	13,298 lbs	8,000 lbs/acre	1.66 acres
Blueberries	129,184 lbs	6,000 lbs/acre	21.53 acres
Raspberries	111,834 lbs	3,000 lbs/acre	37.28 acres
Strawberries	331,165 gallons	1,600 gallons/acre	206.98 acres
Cantaloupe	539,794 lbs	7,400 lbs/acre	72.95 acres
Watermelon	905,779 lbs	20,000 lbs/acre	45.29 acres
<b>Total</b>			<b>385.69 acres</b>

**\*2007 Census count (Frederick County)**

**Berries**

**53 acres**

### Vegetables

Type	pounds consumed	production	# of acres needed
Broccoli	820,219 lbs	2,900 lbs/acre	282.83 acres
Cucumbers	610,636 lbs	10,000 lbs/acre	61.64 acres
Green Peas	418,220 lbs	2,000 lbs/acre	209.11 acres
Pickles	239,947 lbs	14,560 lbs/acre	16.48 acres
Snap Beans	972,409 lbs	3,000 lbs/acre	324.14 acres
Lettuce	3,995,404 lbs	15,000 lbs/acre	266.36 acres
Onions	2,059,993 lbs	20,000 lbs/acre	103 acres
Tomatoes	7,402,497 lbs	14,900 lbs/acre	496.81 acres
Radishes	70,616 lbs	27,000 lbs/acre	2.62 acres
Potatoes	9,190,155 lbs	20,000 lbs/acre	459.50 acres
Potato Chips	897,386 lbs	20,000 lbs/acre	44.87 acres
Sweet Corn	1,680,728 lbs	4,700 lbs/acre	357.60 acres
Lima Beans	40,246 lbs	2,400 lbs/acre	16.77 acres
Cauliflower	110,883 lbs	6,700 lbs/acre	16.55 acres
Carrots	1,484,519 lbs	25,000 lbs/acre	59.38 acres
Squash	438,754 lbs	11,800 lbs/acre	37.18 acres
Sweet Potatoes	477,282 lbs	15,000 lbs/acre	31.82 acres
Pumpkins	431,272 lbs	12,800 lbs/acre	33.69 acres
<b>Total</b>			<b>2,820.35 acres</b>

**2007 Census count (Frederick County)**

**All Vegetables**

**533 acres**

### Corn Meal and flour

Type	pounds consumed	production	# of acres needed
Corn Meal	3,005,654 lbs	8,960 lbs/acre	335.45 acres
Flour (white)	21,352,269 lbs	3,066 lbs/acre	6,964.21 acres
<b>Total</b>			<b>7,299.66 acres</b>

**2007 Census count (Frederick County)**

**Corn  
Wheat**

**24,500 acres  
16,016 acres**

## Fruit

Type	pounds consumed	production	# of acres needed
Apples	10,023,052 lbs (fresh, juice)	33,600 lbs/acre	298 acres
Peaches	1,822,112 lbs	9,600 lbs/acre	190 acres
Pears	1,257,396 lbs	15,120 lbs/acre	83 acres
Plums	346,203 lbs	2,304 lbs/acre	150 acres
<b>Total</b>			<b>721 acres</b>

**2007 Census count (Frederick County)                      Orchards                      314 acres**

## Dairy

Type of Milk	Pounds consumed	production	# of cows needed
2% plain	9,424,663 lbs	21,000 lbs/cow	449 cows
1% plain	3,502,677 lbs	21,000 lbs/cow	167 cows
Whole	8,768,606 lbs	21,000 lbs/cow	418 cows
Skim	4,405,483 lbs	21,000 lbs/cow	210 cows
<b>Total</b>	<b>26,101,429 lbs</b>		<b>1244 cows</b>

**2007 Census count (Frederick County)                                              15,549 cows**

## Meat

Type	pounds consumed	production	# of animals needed
Chicken	22,898,868 lbs	4.7 lbs/bird	4,872,100 birds
Turkey	3,790,940 lbs	20 lb/bird	189,547 birds
Beef	21,074,054 lbs	780 lbs/steer	27,018 steers
Pork	14,166,184 lbs	200 lbs/hog	70,831 hogs
Lamb	266,333 lbs	65 lbs/lamb	4,097 lambs

**2007 Census count (Frederick County)                      Chicken                      2,048 birds**  
**Turkey                      N/A**  
**Beef                      20,496 cattle**  
**Pork                      12,493 hogs**  
**Lamb                      1,275 lambs**

## Sources used for study:

- \* 2007 USDA Agriculture Census at [www.agcensus.usda.gov](http://www.agcensus.usda.gov)
- \*\* Consumer Data - Leopold Center for Sustainable Agriculture at Iowa State University at [www.ctre.iastate.edu/marketsize/Default.aspx](http://www.ctre.iastate.edu/marketsize/Default.aspx)
- \*\*\* Maryland Production Yield Data – Alabama Cooperative Extension at [www.aces.edu/dept/com\\_veg/yield\\_veg\\_crop\\_se.pdf](http://www.aces.edu/dept/com_veg/yield_veg_crop_se.pdf) & Adams County, PA Agriculture Economic Development Office