



## NORTH AMERICAN BLUEBERRY COUNCIL

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To: NABC Members  
From: Rick Ruckman  
Date: August 27, 2018  
Re: **2017 NABC Blueberry Statistical Record**

The NABC Blueberry Statistical Record for 2017 is enclosed providing the most recent blueberry production and utilization data as well as an overview of historic statistical figures illustrating how the North American blueberry industry has progressed over the years. Some of the highlights from the data contained in the 2017 statistical report follow:

- North American blueberry production totaled 1,000,100,000 pounds in 2017, down 14.1% (164,096,000 pounds) from the crop of 1,164,196,000 pounds produced in 2016 (see page #3). Highbush blueberries represented 69.1% of total production in 2017 (690,900,000 pounds) and lowbush blueberries accounted for 30.9% of the total (309,200,000 pounds).
- Figures for 2017 show that 43.7% of the total North American blueberry crop was sold as fresh blueberries (436,800,000 pounds) and the remaining 56.3% sold as process berries (563,300,000 pounds). Highbush blueberries accounted for 98.8% of fresh blueberry movement in 2017 (431,500,000 pounds) and 46.1% of total process blueberries (259,400,000 pounds). British Columbia (75,000,000) was the top fresh highbush blueberry supplier in 2017 followed by Oregon (54,000,000 pounds), California (53,100,000 pounds), Mexico (52,000,000), Michigan (49,000,000), Washington and New Jersey (both at 36,000,000), and Georgia (25,000,000 pounds). Washington was the leading supplier of process highbush blueberries in 2017 at 80,000,000 pounds followed by British Columbia at 60,000,000 pounds, Oregon at 53,000,000 pounds, Michigan at 40,000,000 pounds and California at 10,800,000 pounds (see page #1). The total North American blueberry crop in 2017 came in at 1,000,100,000 pounds, considerably above the most recent five-year average (2010 to 2014) of 845,324,000 pounds (see page #6).
- Fresh market sales of blueberries in 2017 had an estimated farm gate value of \$763,168,360 which is 37.3% more than the level attained in 2016 (\$556,016,436). Blueberries for processing had an estimated farm gate value of \$242,941,900 in 2017, down 33.9% from the value of \$366,876,495 attained in 2016 (see pages #9 and #11). The 2017 crop of 1,000,100,000 pounds had an estimated total farm gate value of \$1,006,110,260 which is \$77,207,069 more than the total estimated farm gate value of the 2016 crop which totaled \$922,892,931 (see page #17).
- Offshore exports of North American blueberries in 2017 totaled 153,123,617 pounds, which is up 33,216,492 pounds from the total exported offshore in 2016 (119,907,125 pounds) (see page # 28). Offshore exports account for an average of 12% of annual production over the past ten seasons (see page #28). The top five offshore export

markets for North American fresh blueberries (U.S. and Canada combined) in 2017 were South Korea (3,364,478), Belgium (1,612,797 pounds), United Kingdom (926,176 pounds), Japan (717,280) and Taiwan (609,156 pounds). The top five offshore export markets for North American frozen blueberries (U.S. and Canada combined) in 2017 were Germany (30,208,864 pounds), Japan (26,416,752 pounds), South Korea (16,224,921 pounds), China (11,604,759 pounds) and Poland (10,514,438 pounds) (see pages #18 and #19).

- North American consumption totaled an estimated 1,230,627,000 pounds in 2017, down 169,798,000 pounds from the 1,400,425,000-pound total of the previous season (see Page #30). The industry decreased June 30th carry out frozen inventory from 197,200,000 pounds as of June 30, 2017 to 133,200,000 pounds on June 30, 2018, representing a decrease in inventory of 64,000,000 pounds (see page #29).
- North American domestic per capita consumption totaled an estimated 54.4 ounces per person in 2017, down 7.8 ounces over the total of 62.2 ounces in 2016. Estimated fresh consumption of 33.4 ounces per person in 2017 represents 61.4% of total consumption. Process consumption estimated at 21.0 ounces per person in 2017 represents the remaining 38.6% of total consumption, (see page #32).

If you have any questions concerning this report, or wish to obtain additional copies, please notify the NABC office at (916) 983-2279.

# BLUEBERRIES

# 2017

BLUEBERRY STATISTICAL RECORD  
**2017**

BLUEBERRY PRODUCTION AND UTILIZATION  
FOR THE **2017** CROP YEAR



PREPARED BY

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**August 2018**

# BLUEBERRY STATISTICAL RECORD

2017

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**2018**  
**NORTH AMERICAN BLUEBERRY PRODUCTION**  
**(Millions of Pounds)**

<u>Highbush</u>	<u>Fresh</u>	<u>Process</u>	<u>Total</u>
<i>Western Region</i>			
British Columbia	75.0	60.0	135.0
California	51.3	10.8	62.1
Oregon	54.0	53.0	107.0
Washington	36.0	80.0	116.0
Mexico#	52.0	2.0	54.0
<b>Sub-Total</b>	<b>268.3</b>	<b>205.8</b>	<b>474.1</b>
<i>Midwest Region</i>			
Illinois*	1.6	0.0	1.6
Indiana	1.0	0.3	1.3
Michigan	49.0	40.0	89.0
Others 1/	0.7	0.0	0.7
<b>Sub-Total</b>	<b>52.3</b>	<b>40.3</b>	<b>92.6</b>
<i>Northeast Region</i>			
New Jersey	36.0	4.0	40.0
New York^	1.0	0.0	1.0
Ontario	2.0	0.0	2.0
Others 2/	0.2	0.0	0.2
<b>Sub-Total</b>	<b>39.2</b>	<b>4.0</b>	<b>43.2</b>
<i>Southern Region</i>			
Alabama*	0.2	0.0	0.2
Arkansas*	0.1	0.0	0.1
Florida	19.8	0.0	19.8
Georgia	25.0	5.0	30.0
Louisiana	0.5	0.0	0.5
Mississippi	2.5	0.5	3.0
North Carolina	21.1	3.8	24.9
Texas	1.5	0.0	1.5
Others 3/	1.0	0.0	1.0
<b>Sub-Total</b>	<b>71.7</b>	<b>9.3</b>	<b>81.0</b>
<b>HIGHBUSH TOTAL:</b>	<b>431.5</b>	<b>259.4</b>	<b>690.9</b>
<u>Lowbush:</u>	<u>Fresh</u>	<u>Process</u>	<u>Total</u>
Maine^	0.5	100.5	101.0
New Brunswick	0.0	53.0	53.0
Newfoundland	0.0	0.0	0.0
Nova Scotia	2.5	48.5	51.0
Prince Edward Island	0.0	23.5	23.5
Quebec	2.3	78.4	80.7
<b>LOWBUSH TOTAL:</b>	<b>5.3</b>	<b>303.9</b>	<b>309.2</b>
<b>GRAND TOTAL:</b>	<b>436.8</b>	<b>563.3</b>	<b>1,000.1</b>

**Others:**

1/ Kentucky, Minnesota, Missouri, Ohio, Wisconsin

2/ Connecticut, Maine, Maryland, Massachusetts, New Hampshire, Pennsylvania, Rhode Island, Vermont, West Virginia

3/ Oklahoma, South Carolina, Tennessee

**SOURCE:**

**HIGHBUSH - US, BC, Mexico and Ontario (except Alabama/Arkansas/Illinois/New York) = NABC Area Repts 02/18**

**LOWBUSH - Maine = "Non Citrus Fruits and Nuts 2017 Summary" - June 2018, USDA/NASS,**

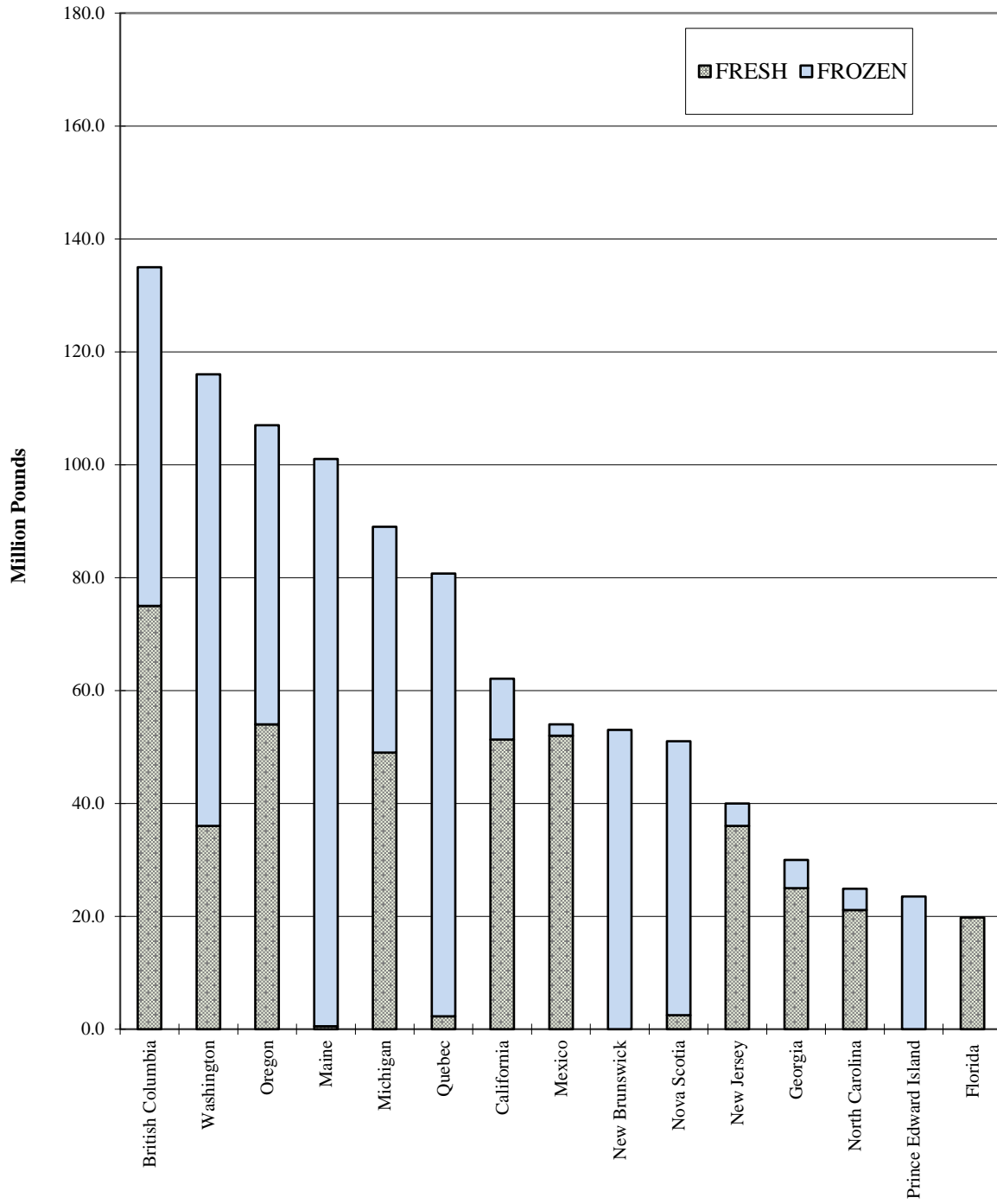
**NABC Area Repts 2/18**

**# data from Global Blueberry Statistics & Intelligence Report 2016**

**^ data from USDA "Non Citrus Fruits & Nuts 2017 Summary - June 2018**

**\* data from USHBC Collections**

**2017  
TOP 15 NORTH AMERICAN BLUEBERRY PRODUCTION REGIONS**



**NORTH AMERICAN ANNUAL BLUEBERRY PRODUCTION**  
**2013-2017**  
**(000 Pounds)**

<b>HIGHBUSH</b>		<b><u>2013</u></b>	<b><u>2014</u></b>	<b><u>2015</u></b>	<b><u>2016</u></b> ^	<b><u>2017</u></b>
<b><u>REGION:</u></b>						
<b>WESTERN</b>	BRITISH COLUMBIA	110,842	144,336	180,790	160,000	135,000
<b>REGION</b>	CALIFORNIA	51,400	55,200	63,900	60,500	62,100
	OREGON	89,500	88,400	96,900	117,000	107,000
	WASHINGTON	81,600	95,800	103,950	120,000	116,000
	MEXICO	17,900	23,300	27,000	37,700	54,000
	<b><u>SUB TOTAL</u></b>	<b><u>351,242</u></b>	<b><u>407,036</u></b>	<b><u>472,540</u></b>	<b><u>495,200</u></b>	<b><u>474,100</u></b>
<b>MIDWEST</b>	ILLINOIS	1,900	1,900	1,400	1,600	1,600
<b>REGION</b>	INDIANA	3,200	2,000	1,600	1,600	1,300
	MICHIGAN	114,000	99,000	73,100	110,300	89,000
	*OTHERS 1/	300	400	400	1,000	700
	<b><u>SUB TOTAL</u></b>	<b><u>119,400</u></b>	<b><u>103,300</u></b>	<b><u>76,500</u></b>	<b><u>114,500</u></b>	<b><u>92,600</u></b>
<b>NORTHEAST</b>	NEW JERSEY	47,940	55,000	53,400	44,120	40,000
<b>REGION</b>	NEW YORK	1,000	1,500	1,720	1,390	1,000
	ONTARIO	2,000	2,152	1,588	2,000	2,000
	*OTHERS 2/	400	400	400	100	200
	<b><u>SUB TOTAL</u></b>	<b><u>51,340</u></b>	<b><u>59,052</u></b>	<b><u>57,108</u></b>	<b><u>47,610</u></b>	<b><u>43,200</u></b>
<b>SOUTHERN</b>	ALABAMA	600	520	500	300	200
<b>REGION</b>	ARKANSAS	400	490	520	100	100
	FLORIDA	19,500	19,000	24,800	14,700	19,800
	GEORGIA	65,550	92,000	84,000	67,000	30,000
	LOUISIANA	1,000	1,000	1,000	1,000	500
	MISSISSIPPI	6,300	7,300	5,800	8,200	3,000
	NORTH CAROLINA	40,000	48,800	49,500	46,600	24,900
	TEXAS	1,500	1,000	1,000	300	1,500
	*OTHERS 3/	600	900	900	1,300	1,000
	<b><u>SUB TOTAL</u></b>	<b><u>135,450</u></b>	<b><u>171,010</u></b>	<b><u>168,020</u></b>	<b><u>139,500</u></b>	<b><u>81,000</u></b>
	<b>HIGHBUSH TOTAL</b>	<b><u>657,432</u></b>	<b><u>740,398</u></b>	<b><u>774,168</u></b>	<b><u>796,810</u></b>	<b><u>690,900</u></b>
<b>LOWBUSH</b>	MAINE	87,130	103,800	100,500	101,840	101,000
	NEWFOUNDLAND	0	1,000	0	0	0
	NEW BRUNSWICK	42,610	58,900	82,390	82,356	53,000
	NOVA SCOTIA	41,400	63,474	66,810	34,318	51,000
	PRINCE EDWARD ISLAND	13,300	22,090	17,543	26,972	23,500
	QUEBEC	32,200	73,218	52,254	121,900	80,700
	<b><u>LOWBUSH TOTAL</u></b>	<b><u>216,640</u></b>	<b><u>322,482</u></b>	<b><u>319,497</u></b>	<b><u>367,386</u></b>	<b><u>309,200</u></b>
	<b><u>GRAND TOTAL</u></b>	<b><u>874,072</u></b>	<b><u>1,062,880</u></b>	<b><u>1,093,665</u></b>	<b><u>1,164,196</u></b>	<b><u>1,000,100</u></b>

Highbush blueberry production in 2017 is **-13.3%** lower than the total for 2016.

Lowbush blueberry production in 2017 is **-15.8%** lower than the total for 2016.

Total blueberry production in 2017 is **14.1%** lower than the total for the previous year.

The 5 year average of total production from 2013 to 2017 is **1,038,982,600** pounds.

\*Includes: 1/=Kentucky, Minnesota, Missouri, Ohio, Wisconsin, 2/=Connecticut, Delaware, Massachusetts, Maine, Maryland, New Hampshire, Pennsylvania, Rhode Island, Vermont, West Virginia, 3/=Oklahoma, South Carolina, Tennessee.

Source: 2017 see page #1

^ 2016 Numbers revised per USDA/NASS and Stats Canada

2013 to 2017 Highbush = USDA/NASS; Statistics Canada; NABC for Illinois, Louisiana, Texas and Others

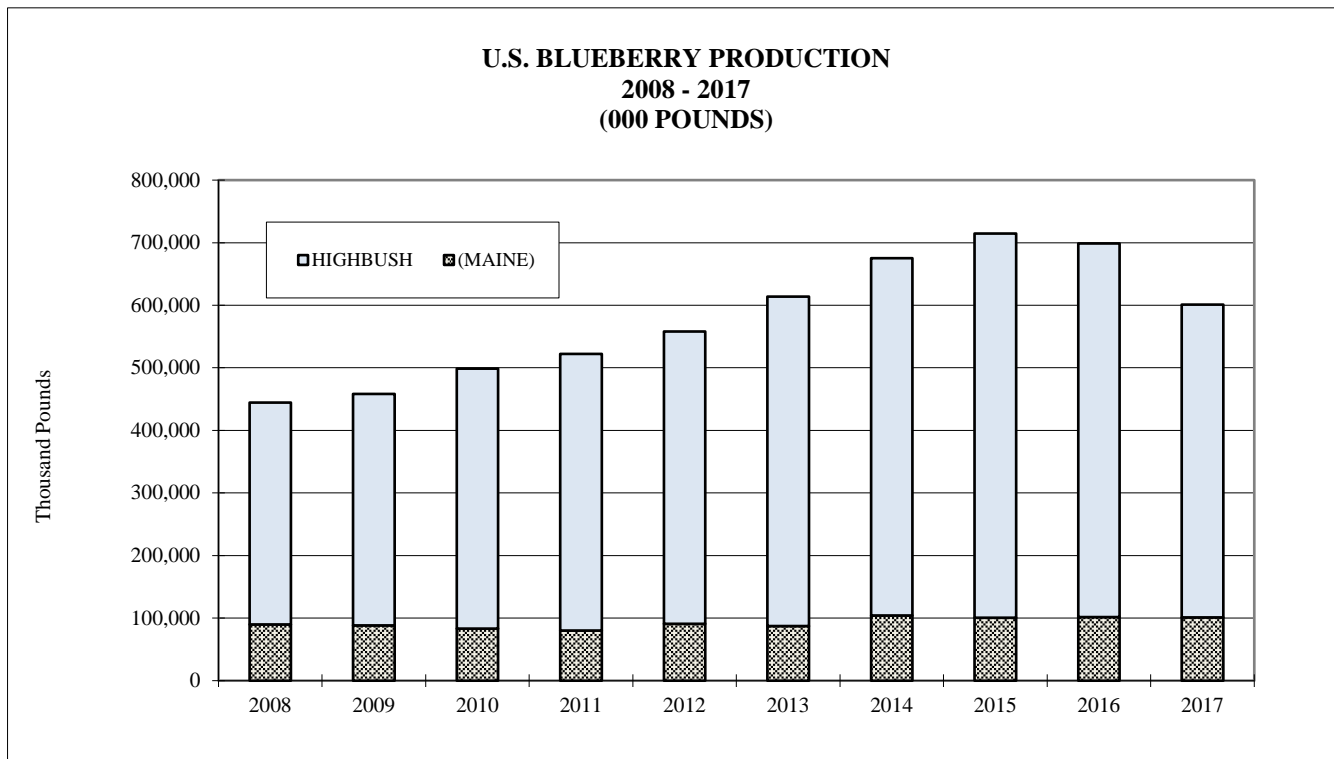
2013 to 2017 Lowbush Canadian=Statistics Canada

2013 to 2017 Lowbush Maine = USDA/NASS

**UNITED STATES BLUEBERRY PRODUCTION  
2008 -2017  
(000 Pounds)**

YEAR	MICHIGAN/ INDIANA	NEW JERSEY	MAINE	NORTH CAROLINA	WASHINGTON/ OREGON/ CALIFORNIA	SOUTHERN STATES & OTHERS *	TOTAL
2008	113,800	59,000	89,950	28,500	89,100	64,260	<b>444,610</b>
2009	102,700	53,000	88,100	32,700	111,200	70,400	<b>458,100</b>
2010	112,600	49,000	83,000	39,050	124,600	90,680	<b>498,930</b>
2011	73,600	62,000	79,900	36,200	168,600	101,700	<b>522,000</b>
2012	88,500	51,500	91,100	40,000	182,900	103,900	<b>557,900</b>
2013	117,200	47,940	87,130	40,000	222,500	99,050	<b>613,820</b>
2014	101,000	55,000	104,400	48,800	239,400	126,410	<b>675,010</b>
2015	74,700	53,400	100,500	49,500	264,750	171,940	<b>714,790</b>
^ 2016	111,900	44,120	101,840	46,600	297,500	96,990	<b>698,950</b>
2017	90,300	40,000	101,000	24,900	285,100	59,600	<b>600,900</b>
TEN YEAR AVERAGE 2008-2017							
	98,630	51,496	92,692	38,625	198,565	102,814	<b>578,501</b>
MOST RECENT THREE YEAR AVERAGE 2015-2017							
	92,300	45,840	101,113	40,333	282,450	109,510	<b>671,547</b>

\* Also includes: Georgia, Arkansas, Florida, Alabama, Mississippi, Louisiana, New York, Connecticut, Delaware, Illinois, Kentucky, Massachusetts, Maryland, Minnesota, Missouri, New Hampshire, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Vermont, Wisconsin, West Virginia



^ Numbers revised per USDA/NASS

Source: Page #3.



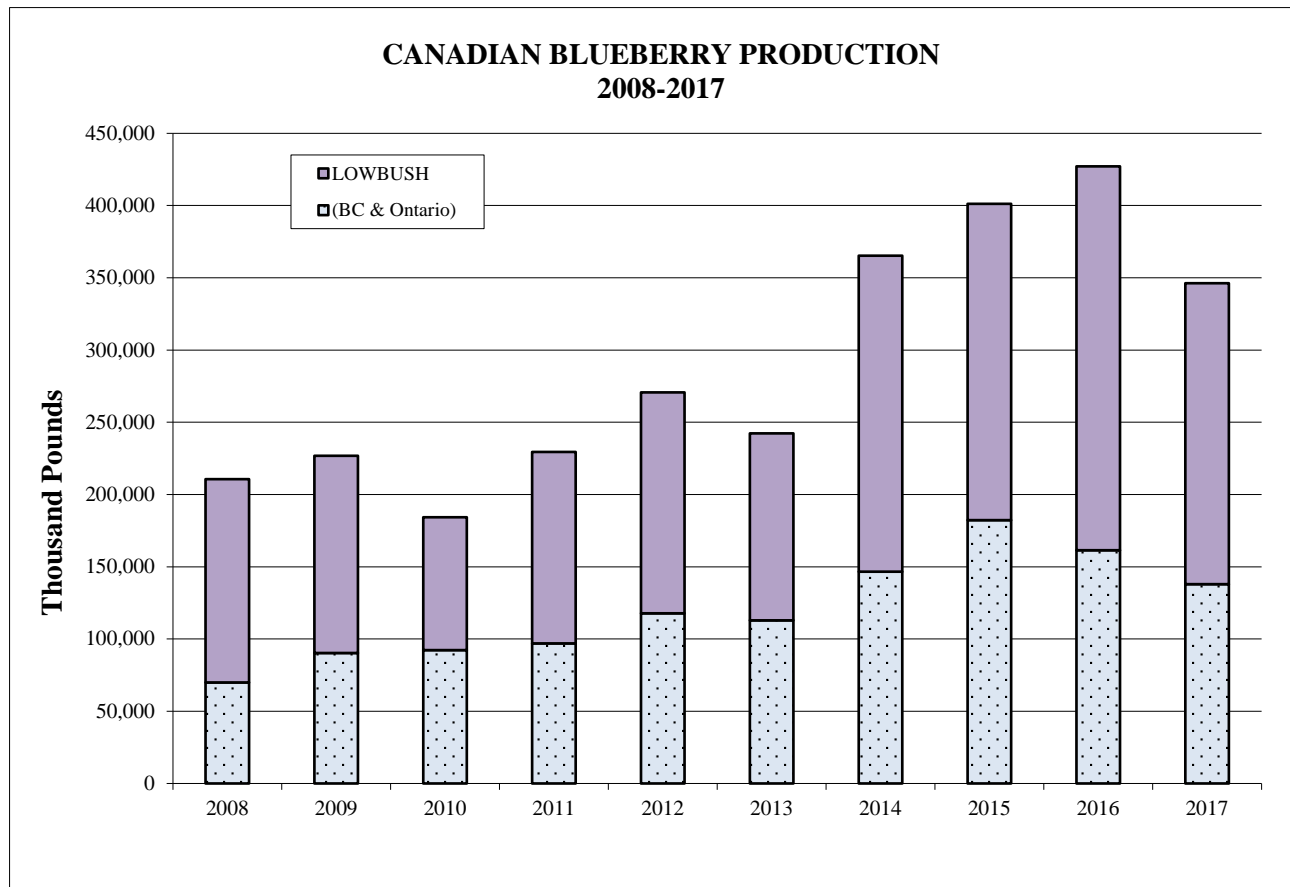
# CANADIAN BLUEBERRY PRODUCTION

**2008 - 2017**  
**(000 Pounds)**

YEAR	NEW- FOUNDLAND	P.E.I.	NOVA SCOTIA	NEW BRUNS.	QUEBEC	ONTARIO	B.C.	TOTAL
2008	400	9,600	41,500	33,410	55,828	1,840	68,000	<b>210,578</b>
2009	500	10,428	33,006	23,474	69,192	1,976	88,350	<b>226,926</b>
2010	224	12,428	32,790	32,580	13,898	2,280	90,000	<b>184,200</b>
2011	214	13,338	29,424	27,582	62,058	1,914	95,000	<b>229,530</b>
2012	1,000	11,400	40,000	45,000	55,600	1,900	115,900	<b>270,800</b>
2013	-	13,300	41,400	42,610	32,200	2,000	110,842	<b>242,352</b>
2014	1,000	22,090	63,474	58,890	73,218	2,200	144,336	<b>365,208</b>
2015	-	17,453	66,810	82,390	52,254	1,588	180,790	<b>401,285</b>
* 2016	-	26,972	34,318	82,356	121,900	1,490	160,000	<b>427,036</b>
2017	-	23,500	51,000	53,000	80,700	2,978	135,000	<b>346,178</b>
TEN YEAR AVERAGE 2008-2017								
	334	16,051	43,372	48,129	61,685	2,017	118,822	<b>290,409</b>

MOST RECENT THREE YEAR AVERAGE 2015-2017

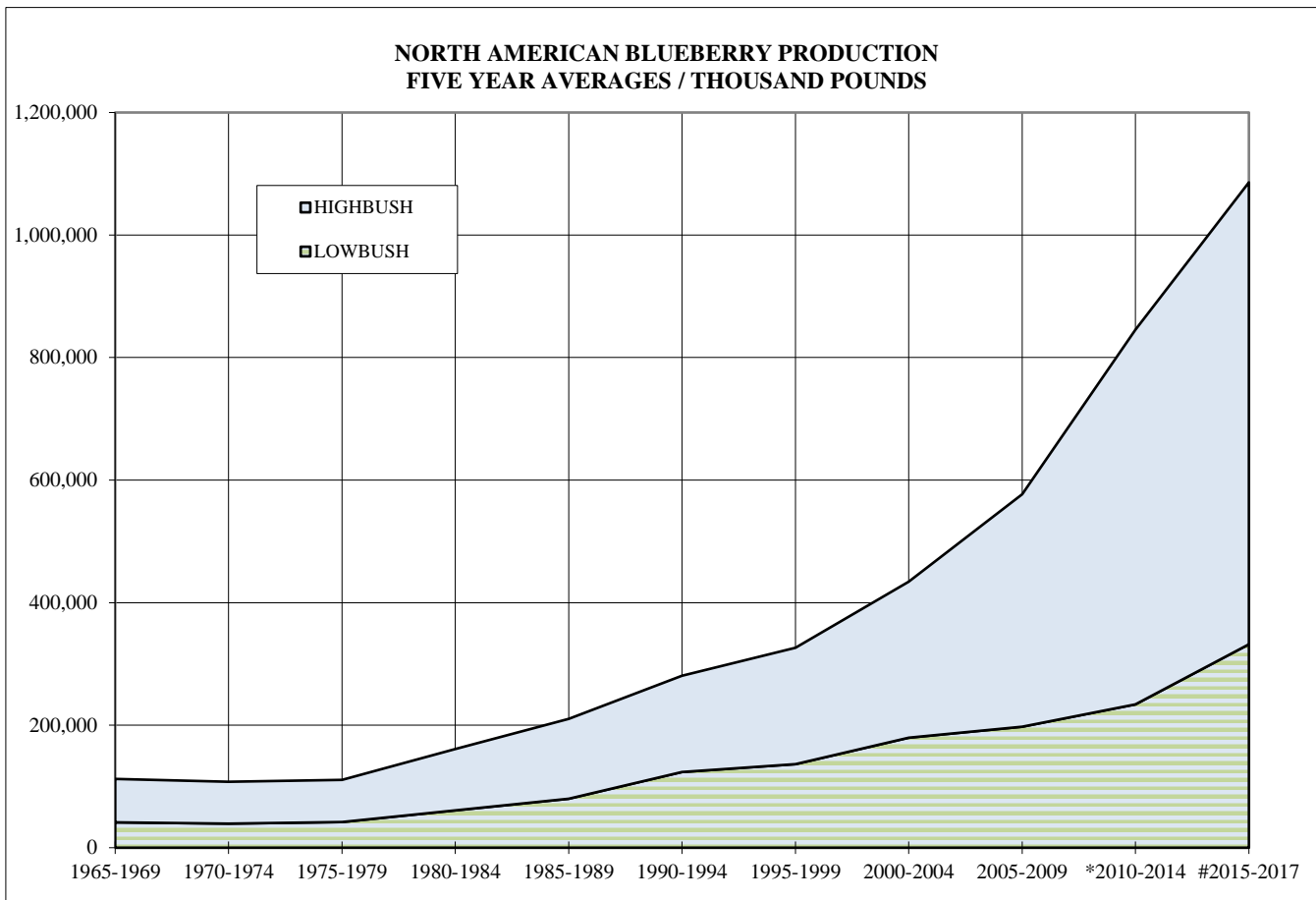
0	22,642	50,709	72,582	84,951	2,019	158,597	<b>391,500</b>
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\* Numbers revised per Stats Canada

**NORTH AMERICAN BLUEBERRY PRODUCTION  
5 YEAR AVERAGES (1965-2017)  
(000 Pounds)**

<u>YEARS</u>	<u>LOWBUSH</u>	<u>HIGHBUSH</u>	<u>TOTAL</u>
1965-1969	41,299	71,169	<b>112,468</b>
1970-1974	39,309	68,091	<b>107,400</b>
1975-1979	41,815	68,981	<b>110,796</b>
1980-1984	60,816	100,059	<b>160,875</b>
1985-1989	80,037	130,083	<b>210,120</b>
1990-1994	123,606	157,003	<b>280,609</b>
1995-1999	136,149	190,090	<b>326,239</b>
2000-2004	179,291	254,739	<b>434,030</b>
2005-2009	197,288	379,677	<b>576,965</b>
*2010-2014	234,132	611,192	<b>845,324</b>
#2015-2017	332,028	753,959	<b>1,085,987</b>



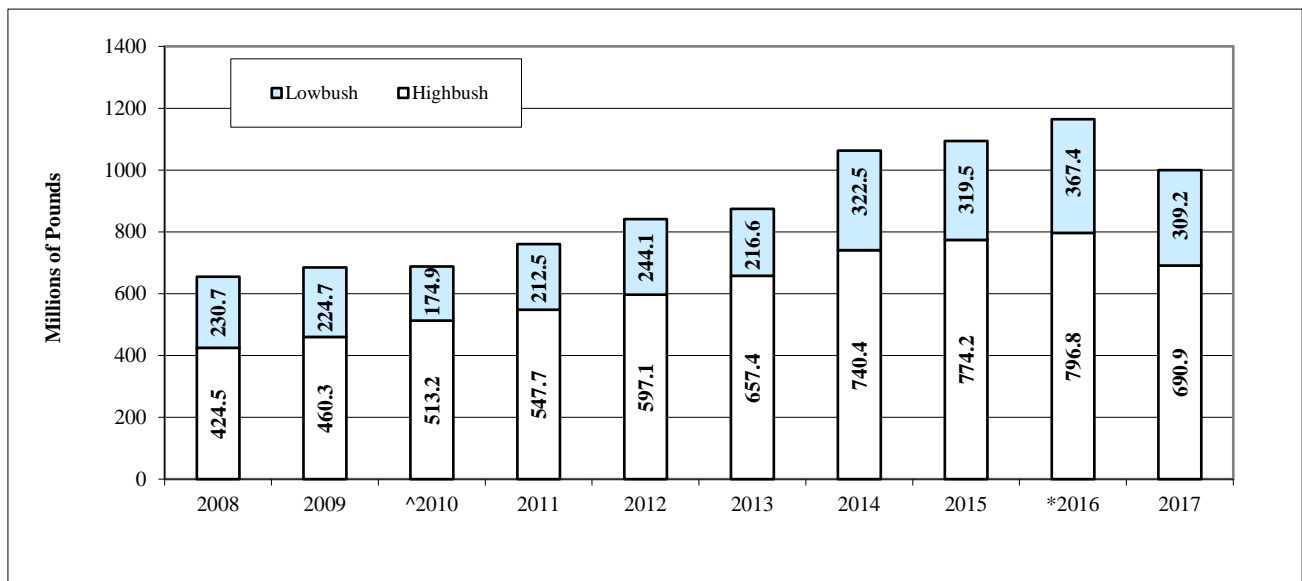
From 1965 to 2014 Average Total Production has increased more than seven fold. Nearly 10 fold including 3 year average of most recent years through 2017. The five year production average for 2010 to 2014 is +47% above the previous five year average (2005 to 2009)

\*2010 includes data from Mexico

#Three year average only

# NORTH AMERICAN BLUEBERRY PRODUCTION 2008-2017 (Millions of Pounds)

	<u>Highbush</u>	<u>Lowbush</u>	<u>Total</u>
2008	424.5	230.7	655.2
2009	460.3	224.7	685.0
^2010	513.2	174.9	688.1
2011	547.7	212.5	760.2
2012	597.1	244.1	841.2
2013	657.4	216.6	874.0
2014	740.4	322.5	1062.9
2015	774.2	319.5	1093.7
*2016	796.8	367.4	1164.2
2017	690.9	309.2	1000.1



## Production Percentages Over Last 5 Years

2013 Highbush total production 657,432,000 pounds = 75.2%

Lowbush total production 216,640,000 pounds = 24.8%

2014 Highbush total production 740,398,000 pounds = 69.7%

Lowbush total production 322,482,000 pounds = 30.3%

2015 Highbush total production 774,168,000 pounds = 70.8%

Lowbush total production 319,497,000 pounds = 29.2%

2016 Highbush total production 796,810,000 pounds = 68.4%

Lowbush total production 367,386,000 pounds = 31.6%

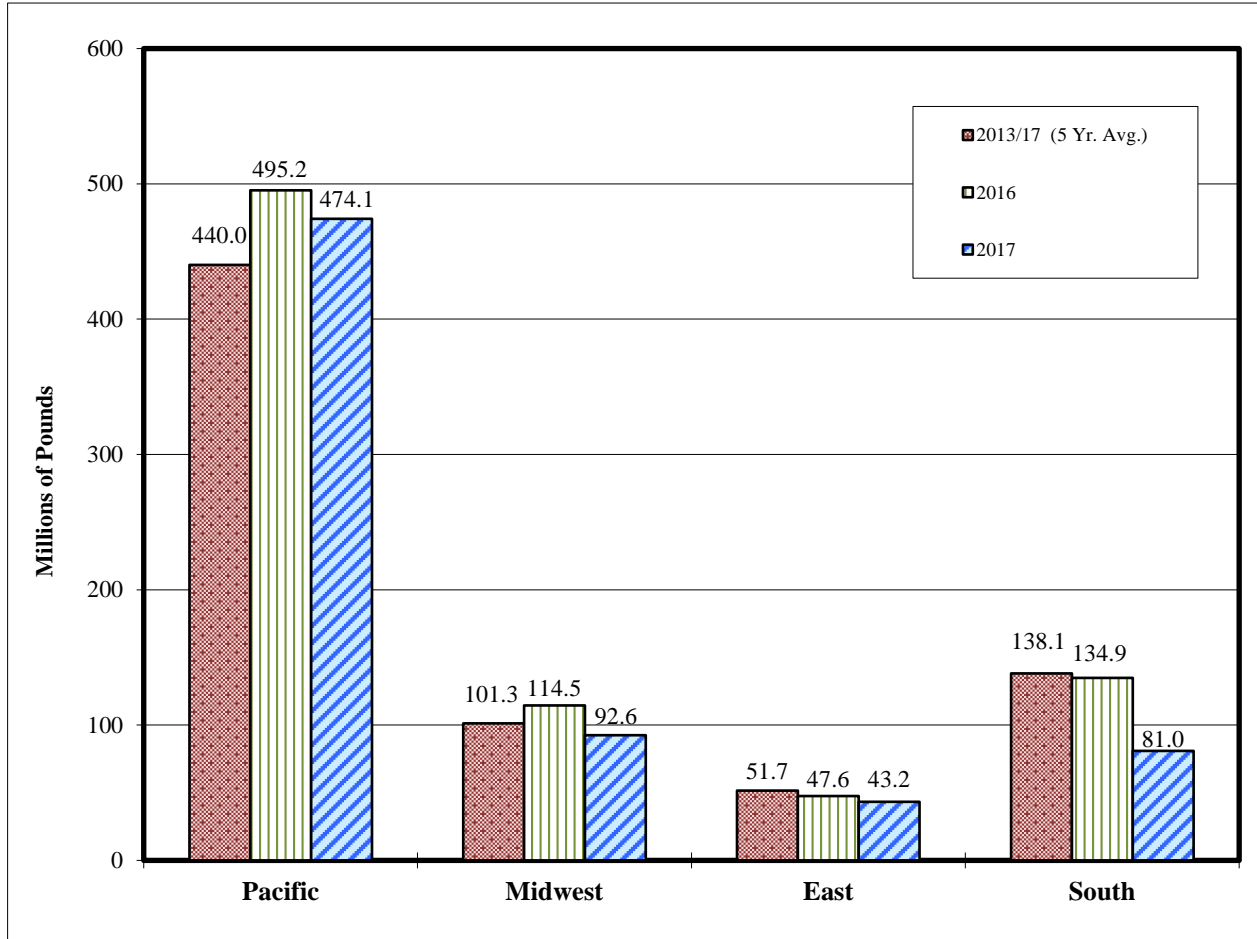
2017 Highbush total production 690,900,000 pounds = 69.1%

Lowbush total production 309,200,000 pounds = 30.9%

^ Started including Mexico data from World Blueberry Statistics & Global Market Analysis

\* Numbers revised per USDA/NASS and Stats Canada - June 2018

## Highbush Blueberry Production by Region (Millions of Pounds)



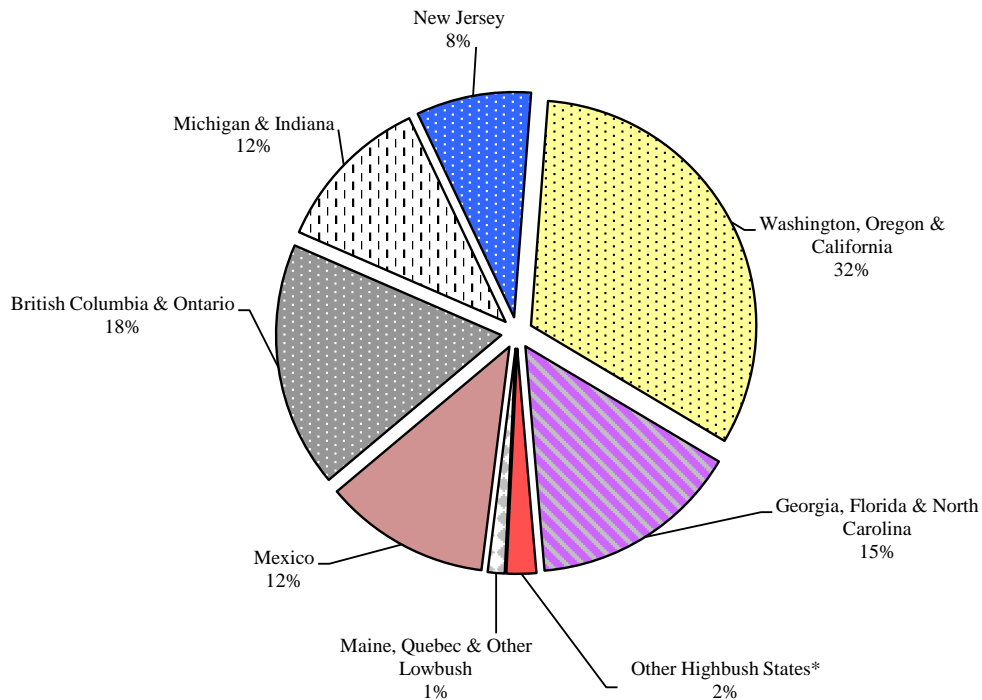
Pacific = Oregon, Washington, British Columbia, California, Mexico

Midwest = Illinois, Indiana, Michigan, Kentucky Minnesota, Missouri, Ohio, Wisconsin

East = New Jersey, New York, Ontario, Connecticut, Maine, Maryland, Massachusetts, Delaware  
New Hampshire, Pennsylvania, Rhode Island, Vermont, West Virginia

South = North Carolina, Georgia, Florida, Arkansas, Alabama, Mississippi, Louisiana,  
Texas, Oklahoma, South Carolina, Tennessee

**2017  
NORTH AMERICAN SOURCE OF FRESH BLUEBERRIES**



**TOTAL BLUEBERRIES MARKETED FRESH IN 2017**

**436,800,000 Pounds**

**FRESH MARKET BLUEBERRY SALES TOTALED AN ESTIMATED FARM GATE VALUE OF:**

**\$763,168,360**

Fresh market consumption equals 43.7% of North American total production.

Fresh market income equals 75.9% of North American total income.

Highbush fresh market sales equal 62.5% of highbush production.

2017 total fresh pounds increased by 7.91% compared to 2016 (436.8 million pounds versus 404.8 million pounds).

2017 fresh sales dollars decreased by 14.4% compared to 2015 level (\$763.2 million versus \$556.0 million).

\*Other Highbush States = Alabama, Arkansas, Connecticut, Illinois, Kentucky, Louisiana, Maryland, Massachusetts, Maine, Minnesota, Mississippi, Missouri, New York, New Hampshire, Oklahoma, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Vermont, West Virginia, Wisconsin

Sources: Value of production: USDA/NASS "Non-citrus Fruits & Nuts Summary", July 2018

Stats Canada "Fruit & Vegetable Production" Table 001-0009 May 2018

Note: 2016 data revised per USDA/NASS "Non-citrus Fruits & Nuts Summary" - June 2018 and Stats Canada - May 2018

**NORTH AMERICAN FRESH BLUEBERRY PRODUCTION  
2008-2017  
(000 Pounds)**

<u>YEAR</u>	<u>NEW JERSEY</u>	<u>MICHIGAN/ INDIANA</u>	<u>NORTH CAROLINA</u>	<u>GEORGIA/ FLORIDA</u>	<u>WASHINGTON/ OREGON/ CALIFORNIA</u>	<u>SOUTHERN STATES &amp; OTHERS**</u>	<u>CANADA</u>	<u>TOTAL</u>
2008	46,000	42,200	20,000	33,800	45,600	5,960	38,300	<b>231,860</b>
2009	45,000	51,700	25,500	36,500	58,700	7,650	57,877	<b>282,927</b>
2010	42,000	51,000	27,350	52,400	67,500	6,180	53,211	<b>299,641</b>
2011	47,000	35,300	28,600	60,400	109,300	6,700	43,795	<b>331,095</b>
2012	43,000	34,000	30,000	54,100	113,400	11,800	54,115	<b>340,415</b>
2013	43,500	50,200	32,000	54,500	106,600	11,800	54,576	<b>353,176</b>
2014	49,750	48,600	37,600	71,000	107,700	36,200	62,363	<b>413,213</b>
2015	45,800	42,000	37,500	70,500	86,000	37,840	70,998	<b>390,638</b>
2016 *	37,400	55,000	34,800	58,000	118,100	48,000	63,495	<b>414,795</b>
2017	36,000	50,000	21,100	44,800	141,300	113,800	79,300	<b>486,300</b>

TEN YEAR AVERAGE 2008-2017

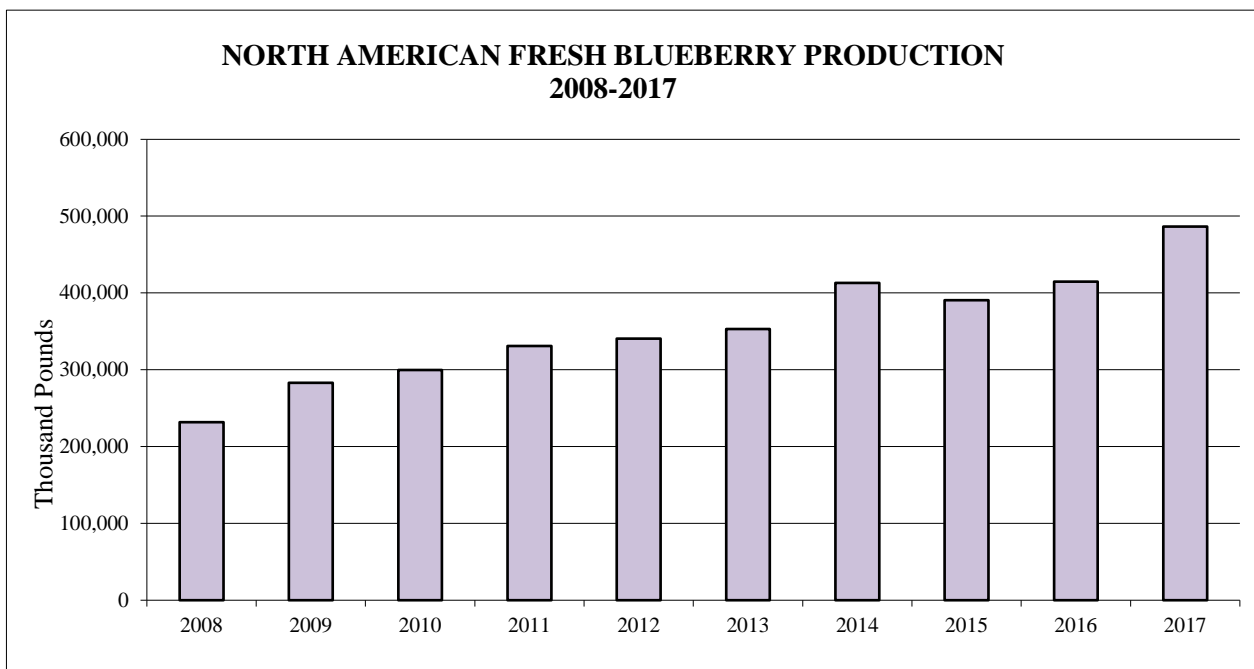
43,545	46,000	29,445	53,600	95,420	28,593	57,803	<b>354,406</b>
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MOST RECENT THREE YEAR AVERAGE 2015-2017

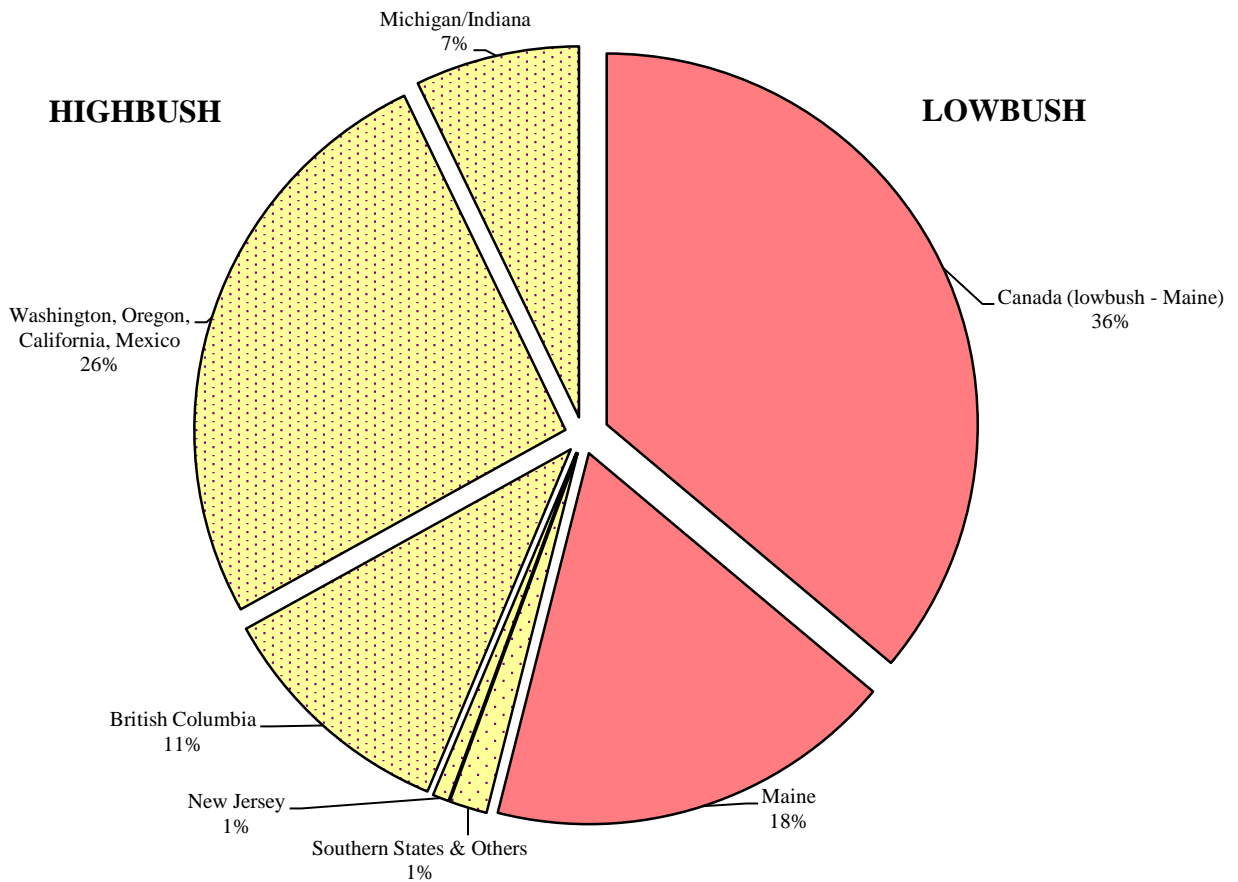
39,733	49,000	31,133	57,767	115,133	66,547	71,264	<b>430,578</b>
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\* Revisions made due to changes in USDA "Non-Citrus Fruits and Nuts 2017 Summary" June 2018 and Stats Canada - May 2018

\*\* Also includes: Maine, New York, Arkansas, Alabama, Mississippi, Connecticut, Delaware, Illinois, Kentucky, Louisiana, Maryland, Massachusetts, Minnesota, Missouri, New Hampshire, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Vermont, Wisconsin, West Virginia (Mexico since 2014)



**2017  
NORTH AMERICAN SOURCE OF PROCESSED BLUEBERRIES**



**TOTAL PROCESSED BLUEBERRIES PRODUCED IN 2016:  
563,300,000 POUNDS**

**BLUEBERRIES FOR PROCESSING HAD AN ESTIMATED FARM GATE VALUE OF:  
\$242,941,900**

Maine, Lowbush Canadian and Michigan blueberries combined represent 63.7% of process tonnage  
(343,900,000 Pounds)

2017 total North American process tonnage decreased by 24.9% compared to 2016 total  
(563.3 million pounds versus 749.9 million pounds).

2017 total farm level income from North American process tonnage decreased by 33.8% compared to 2016  
(\$242.9 million versus \$366.9 million).

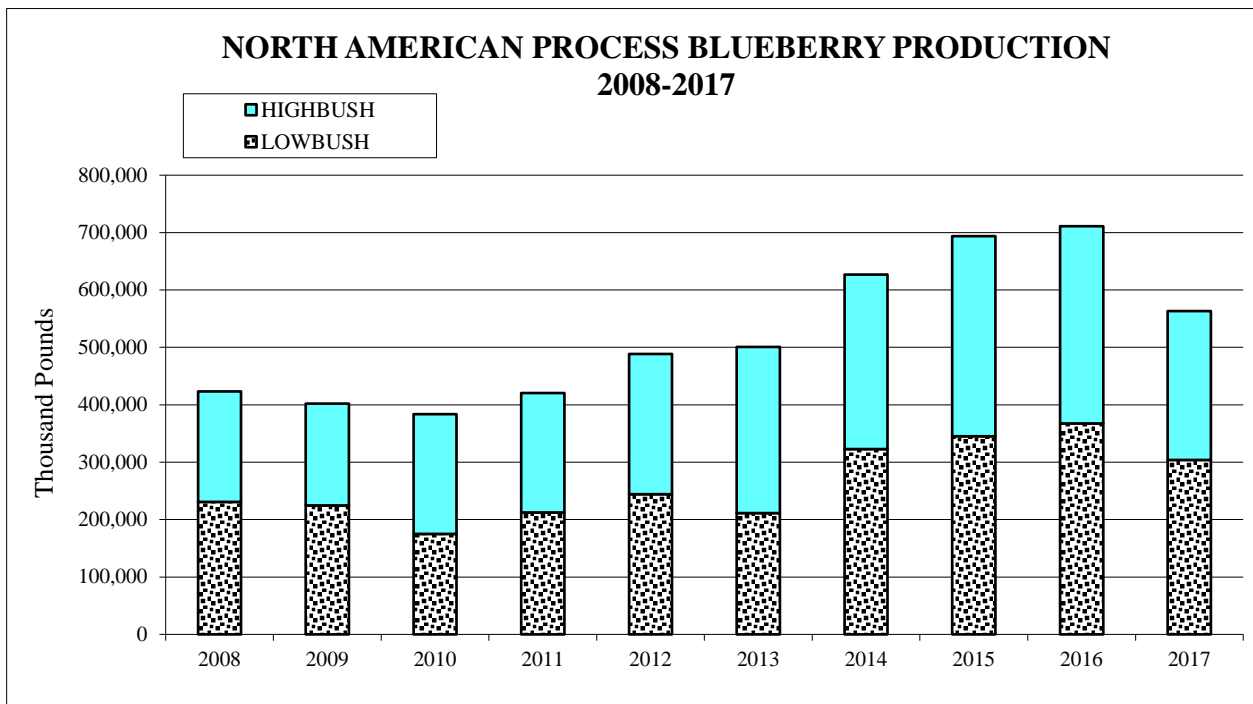
In 2017, process utilization was 56.3% of total production and 24.1% of income.

Source: Value of production: USDA/NASS "Non-citrus Fruits & Nuts Summary" - June 2018 and Stats Canada - 2018

**Note:** 2016 data revised per USDA/NASS June 2018 report and Stats Canada "Fruit & Vegetable Production", Table 001-0009 May 2018

**NORTH AMERICAN PROCESS BLUEBERRY PRODUCTION  
LOWBUSH VS. Highbush  
2008-2017  
(000 Pounds)**

<u>YEAR</u>	<u>LOWBUSH</u>	<u>%</u>	<u>Highbush</u>	<u>%</u>	<u>TOTAL</u>
2008	230,688	54.5%	192,640	45.5%	<b>423,328</b>
2009	224,700	55.9%	177,399	44.1%	<b>402,099</b>
2010	174,920	45.6%	208,959	54.4%	<b>383,879</b>
2011	212,516	50.5%	207,919	49.5%	<b>420,435</b>
2012	244,100	49.9%	244,600	50.1%	<b>488,700</b>
2013	211,100	42.2%	289,400	57.8%	<b>500,500</b>
2014	323,072	51.5%	303,933	48.5%	<b>627,005</b>
2015	345,158	44.8%	348,542	55.2%	<b>693,700</b>
* 2016	367,386	48.9%	343,805	51.1%	<b>711,191</b>
2017	303,900	53.9%	259,400	46.1%	<b>563,300</b>
TEN YEAR AVERAGE 2008-2017	263,754	49.8%	257,660	50.2%	521,414
MOST RECENT THREE YEAR AVERAGE 2015-2017	338,815	49.2%	317,249	50.8%	656,064



\*Numbers revised per USDA/NASS "Non-citrus Fruits & Nuts Summary" - June 2018 and Stats Canada - May 2018

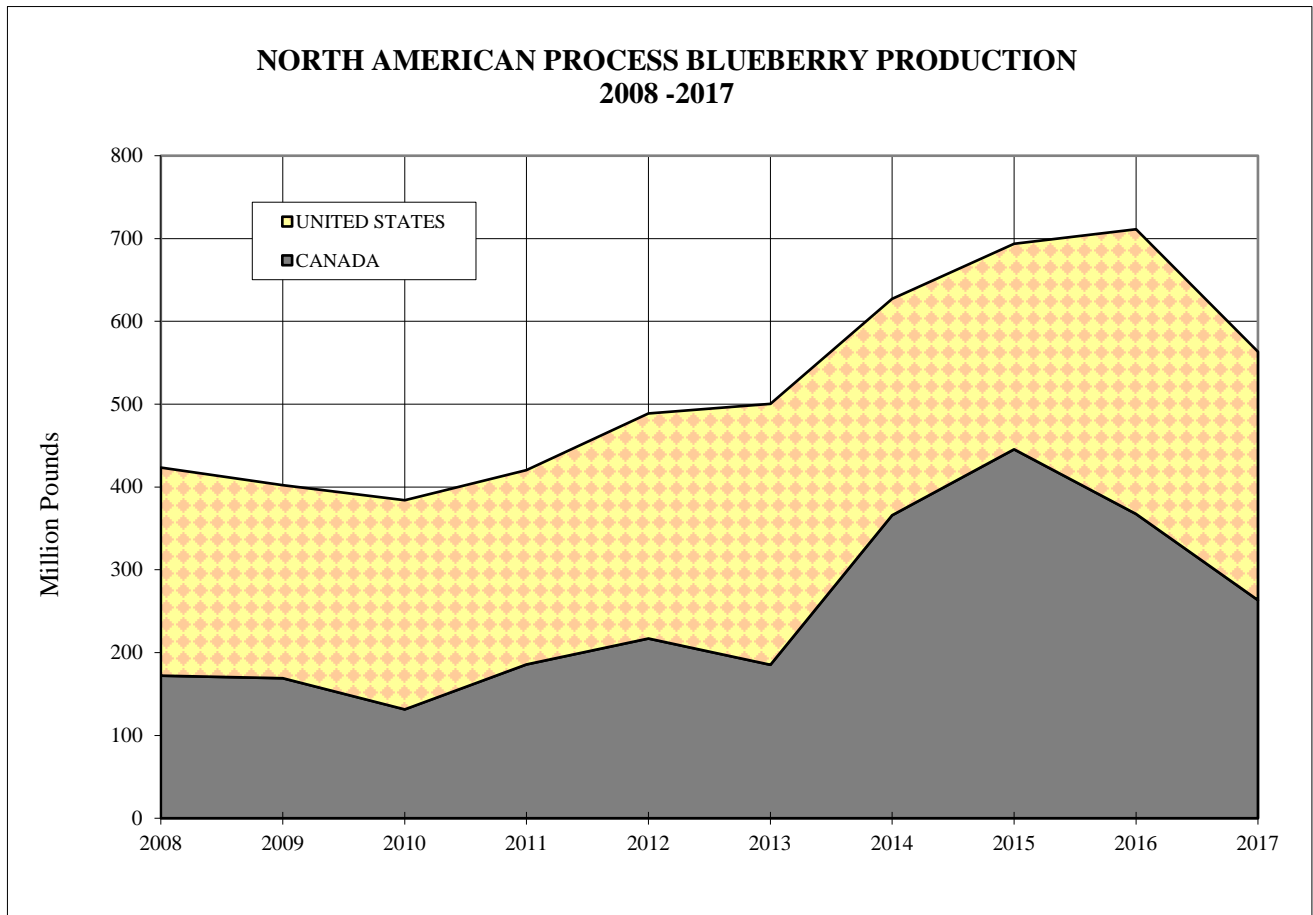


**NORTH AMERICAN PROCESS BLUEBERRY PRODUCTION  
CANADA VS. UNITED STATES  
2008-2017  
(000,000 Pounds)**

<u>YEAR</u>	<u>CANADA</u>	<u>UNITED STATES</u>	<u>TOTAL</u>
2008	172.2	251.1	<b>423.3</b>
2009	169.0	233.1	<b>402.1</b>
2010	131.4	252.5	<b>383.9</b>
2011	185.7	234.7	<b>420.4</b>
2012	217.1	271.6	<b>488.7</b>
2013	185.3	315.2	<b>500.5</b>
2014	365.8	261.2	<b>627.0</b>
2015	445.4	248.3	<b>693.7</b>
2016	367.4	343.8	<b>711.2</b>
2017	263.4	299.9	<b>563.3</b>

10 YEAR AVERAGE 2008-2017            **250.3**                            **271.1**                            **521.4**

3 YEAR AVERAGE 2015-2017            **358.7**                            **297.3**                            **656.1**



Source: USDA/NASS "Non-citrus Fruits & Nuts Summary" - June 2018 and Stats Canda - May 2018

**UNITED STATES PROCESS BLUEBERRY PRODUCTION  
2008-2017  
(000 Pounds)**

<u>YEAR</u>	<u>MAINE</u>	<u>MICHIGAN/ INDIANA</u>	<u>NEW JERSEY</u>	<u>WASH./ OREGON</u>	<u>SOUTHERN STATES &amp; OTHERS*</u>	<u>U.S. PROCESS TOTAL</u>	<u>FROZEN IMPORTS</u>	<u>TOTAL INCLUDING IMPORTS</u>
2008	89,400	71,600	13,000	43,500	33,550	<b>251,050</b>	93,226	<b>344,276</b>
2009	87,500	51,000	8,000	52,500	34,050	<b>233,050</b>	85,181	<b>318,231</b>
2010	82,500	61,600	7,000	57,100	44,300	<b>252,500</b>	92,921	<b>345,421</b>
2011	82,500	38,400	15,000	59,100	39,700	<b>234,700</b>	111,963	<b>346,663</b>
2012	90,600	54,500	8,500	69,500	48,500	<b>271,600</b>	114,971	<b>386,571</b>
2013	86,600	67,000	4,400	105,500	51,700	<b>315,200</b>	129,378	<b>444,578</b>
2014	104,400	51,000	5,860	116,300	54,230	<b>331,790</b>	132,668	<b>464,458</b>
2015	100,500	31,300	7,600	139,350	71,000	<b>349,750</b>	152,963	<b>502,713</b>
^ 2016	101,260	55,400	6,590	155,850	55,000	<b>374,100</b>	165,546	<b>539,646</b>
2017	100,500	40,300	4,000	133,000	20,100	<b>297,900</b> **	136,720	<b>434,620</b>
<b>TEN YEAR AVERAGE 2008-2017</b>								
	92,576	52,210	7,995	93,170	45,213	291,164	121,554	412,718
<b>MOST RECENT THREE YEAR AVERAGE 2015-2017</b>								
	100,753	42,333	6,063	142,733	48,700	340,583	151,743	492,326

Source: 2017 Production - See Page 1, 2008 to 2017 = USDA/NASS - Non Citrus Fruits & Nuts Summary - June 2018

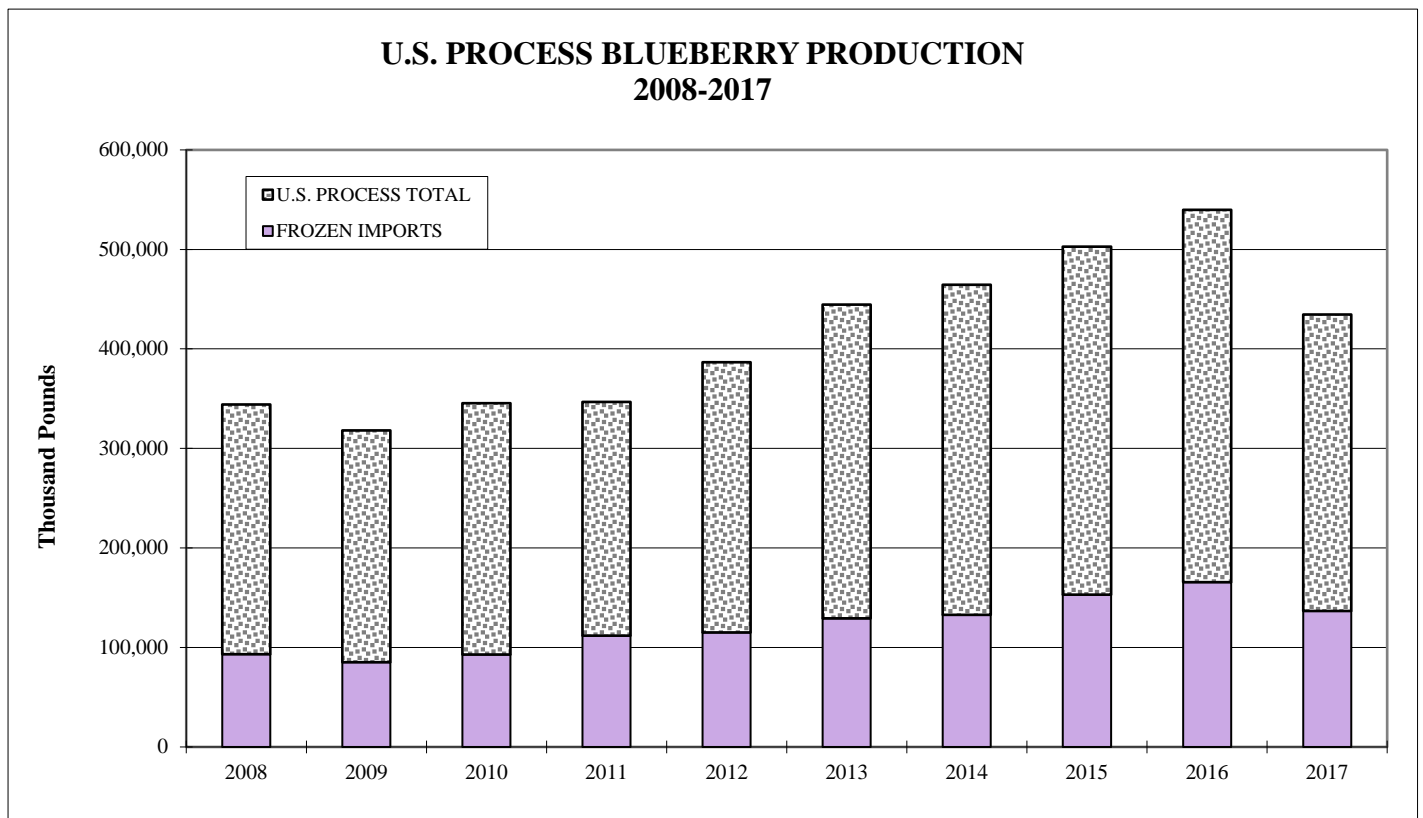
Imports - See page 18 (U.S Census Bureau. Jan-Dec 2017)

\*Also Includes North Carolina, Georgia, Florida, Arkansas, Alabama, Mississippi, Louisiana, New York, Texas, and California

\*\*US Highbush Process for 2017 totals 197,400

US Lowbush Process for 2017 totals 100,500

^ 2016 data revised per USDA/NASS "Non-citrus Fruit & Nuts Summary" - June 2018 (when info not available, prior year nabc estimate is added in)



**CANADIAN PROCESS BLUEBERRY PRODUCTION\***  
**2008-2017**  
**(000,000 Pounds)**

<u>YEAR</u>	<u>NOVA SCOTIA</u>	<u>QUEBEC</u>	<u>BRITISH COLUMBIA</u>	<u>NEW BRUNS.</u>	<u>NEW-FOUNDLAND</u>	<u>P.E.I.</u>	<u>TOTAL</u>
2008	41.5	53.8	33.5	33.4	0.4	9.6	<b>172.2</b>
2009	33.0	67.2	34.4	23.5	0.5	10.4	<b>169.0</b>
2010	32.8	13.0	40.0	32.6	0.2	12.4	<b>131.0</b>
2011	29.4	61.1	54.1	27.6	0.2	13.3	<b>185.7</b>
2012	40.0	53.8	65.9	45.0	1.0	11.4	<b>217.1</b>
2013	39.1	29.5	60.8	42.6	0.0	13.3	<b>185.3</b>
2014	63.5	73.2	86.6	58.9	1.0	22.1	<b>305.3</b>
2015	65.1	49.8	104.0	78.0	0.0	17.5	<b>314.4</b>
^2016	38.6	117.0	110.0	83.0	0.2	27.0	<b>375.8</b>
2017	48.5	78.4	60.0	53.0	0.0	23.5	<b>263.4</b>

10 YEAR AVERAGE 2008-2017

43.1	59.7	64.9	47.8	0.4	16.1	231.9
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MOST RECENT 3 YEAR AVERAGE 2015-2017

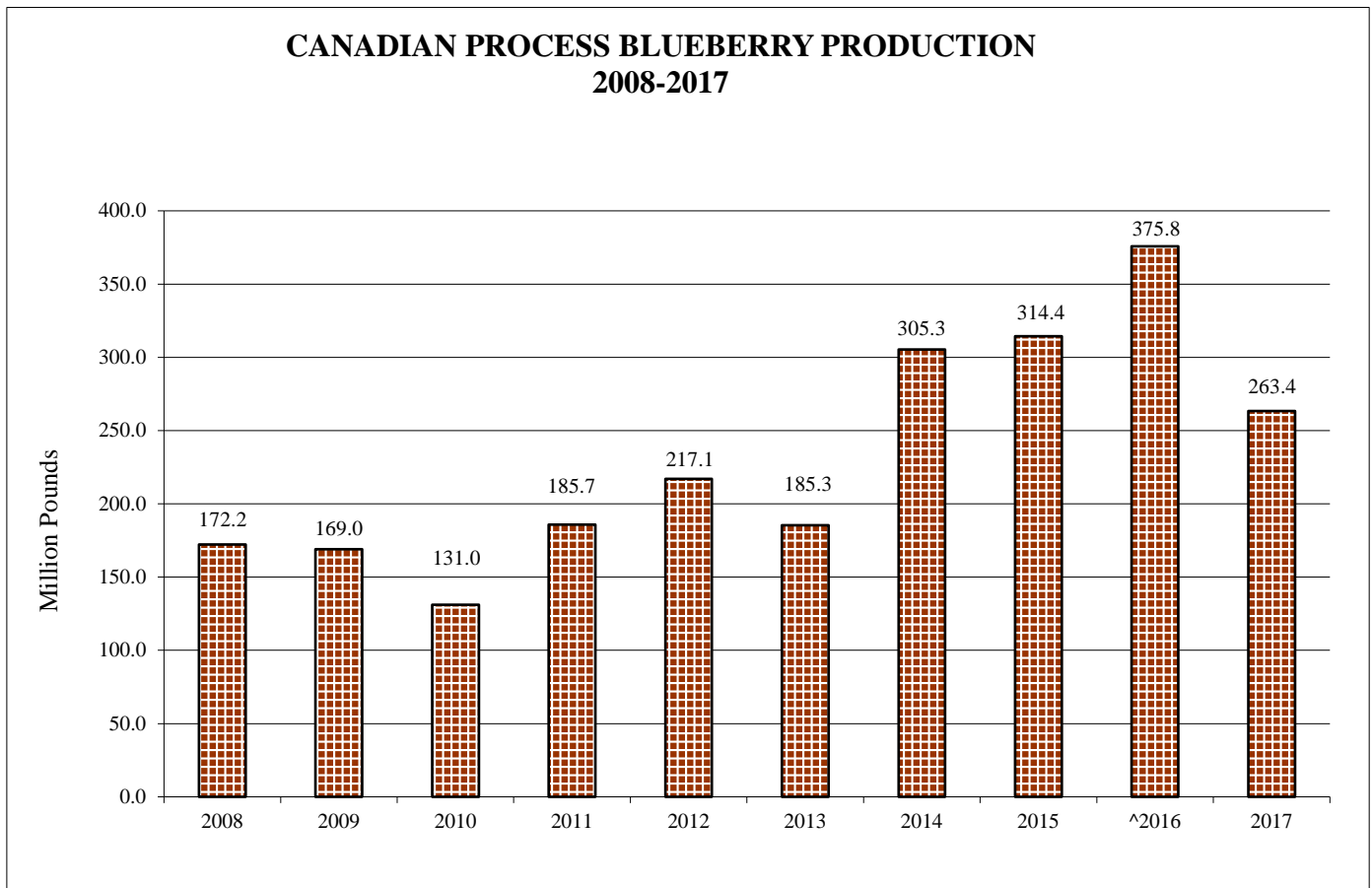
50.7	81.7	91.3	71.3	0.1	22.7	317.9
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\*Ontario not included, 0 process production to date.

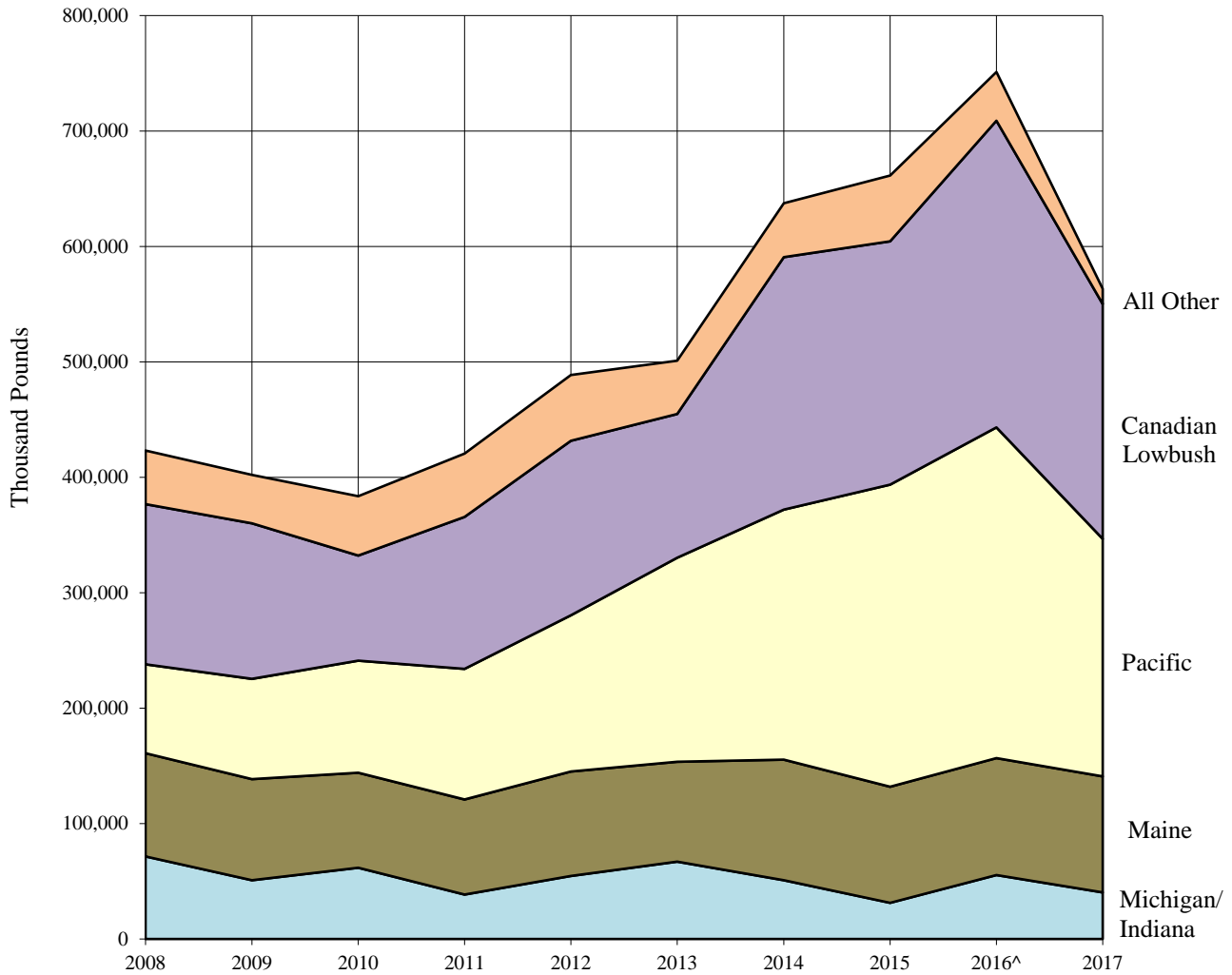
\*\*Average of 167.0 million pounds Lowbush; 64.9 million pounds Highbush.

^2016 Data revised per Stats Canada - May 2018

Source: 2017 Production- see Page 1. 2008-2016=Stats Canada with NABC adjustments for estimated fresh production.



**NORTH AMERICAN PROCESS BLUEBERRY TREND  
BY PRODUCTION AREA  
2008-2017**



PACIFIC: British Columbia, Oregon, Washington and California combined.

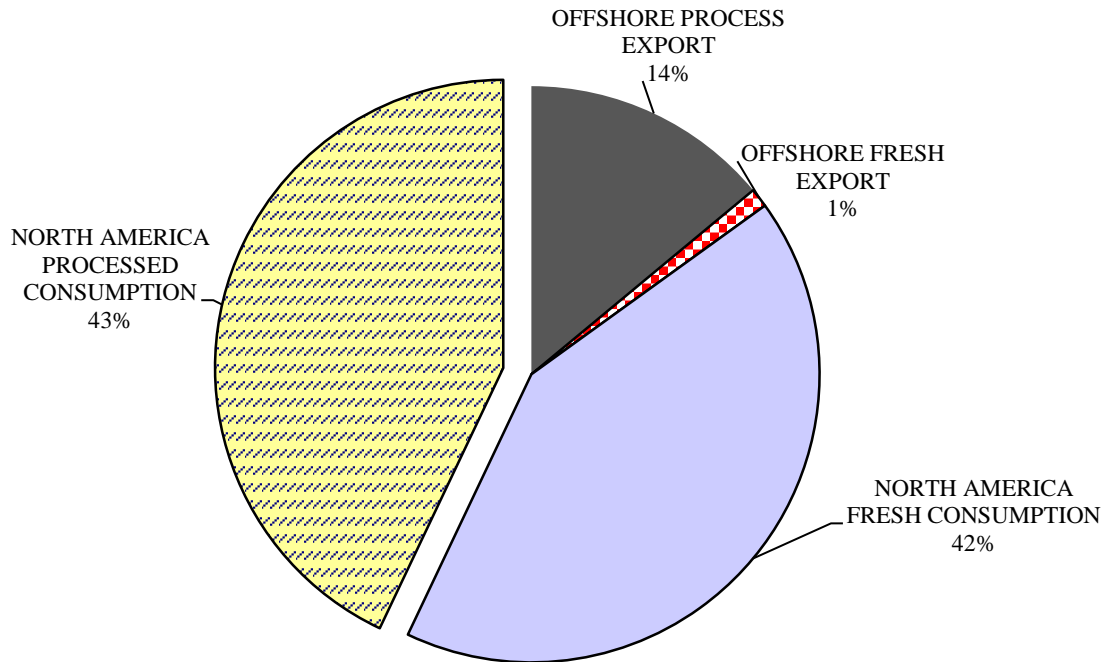
ALL OTHER AREAS: New Jersey, New York, North Carolina, Georgia, Arkansas, Florida, Mississippi & Other Southern States.

CANADIAN LOWBUSH: Nova Scotia, Quebec, New Brunswick, Newfoundland, & Prince Edward Island.

^2016 data revised per USDA/NASS & Stats Canada - 2018

\*Mexico added since 2014

**2017  
ESTIMATED UTILIZATION OF  
NORTH AMERICAN BLUEBERRIES**



**2017 CROP PRODUCTION TOTAL:  
1,000,100,000 POUNDS**

**TOTAL ESTIMATED FARM GATE VALUE:  
\$1,006,110,260**

**ESTIMATED 2017 CROP UTILIZATION:**

<b>NORTH AMERICA FRESH CONSUMPTION:</b>	<b>425,940,647</b>	<b>POUNDS</b>
<b>OFFSHORE FRESH EXPORT:</b>	<b>10,859,353</b>	<b>POUNDS</b>
<b>NORTH AMERICAN PROCESSED CONSUMPTION:</b>	<b>435,500,000</b>	<b>POUNDS</b>
<b>OFFSHORE PROCESS EXPORT:</b>	<b>141,677,393</b>	<b>POUNDS</b>
<b>TOTAL UTILIZATION:</b>	<b>1,013,977,393</b>	<b>POUNDS</b>

## 2016 AND 2017 NORTH AMERICAN BLUEBERRY IMPORTS AND EXPORTS

### UNITED STATES

IMPORTS			EXPORTS		
FRESH:	<u>2016 POUNDS</u>	<u>2017 POUNDS</u>	FRESH:	<u>2016 POUNDS</u>	<u>2017 POUNDS</u>
CHILE	154,176,902	132,321,465	CANADA	62,860,534	49,685,751
CANADA	80,595,670	69,984,222	SOUTH KOREA	672,172	3,353,432
MEXICO	34,790,830	53,246,394	BELGIUM	803,802	1,612,797
PERU	32,275,185	41,724,401	UNITED KINGDOM	1,885,630	915,271
ARGENTINA	24,328,173	21,911,967	JAPAN	883,123	665,798
URUGUAY	2,046,316	1,272,191	TAIWAN	347,416	528,542
GUATEMALA	0	59,998	MEXICO	365,355	476,355
NEW ZEALAND	32,039	12,952	HONG KONG	691,422	363,865
MOROCCO	118,766	1,874	SINGAPORE	423,590	361,751
POLAND	33,314	0	UNITED ARAB EMIRATES	157,497	290,386
NETHERLANDS	21,911,967	0	323 CHINA	0	211,807
CHINA	0	0	AUSTRALIA	51,821	152,922
BRAZIL	0	0	BAHAMAS	20,814	51,513
REP. OF S. AFRICA	0	0	QATAR	34,524	49,235
KOREA REPUBLIC	0	0	THAILAND	16,885	45,944
SEYCHEL	0	0	SAUDI ARABIA	26,094	42,732
<b>FRESH TOTAL:</b>	<b>350,309,163</b>	<b>320,535,465</b>	PHILIPPINES	31,612	35,357
			MALAYSIA	51,261	29,182
			PERU	0	8,622
			ARUBA	1,682	5,397
			INDONESIA	11,153	5,077
			VIETNAM	0	4,949
<b>FROZEN:</b>	<u>2016 POUNDS</u>	<u>2017 POUNDS</u>	DOMINICAN REPUBLIC	1,105	4,572
CANADA	125,899,452	101,631,436	BERMUDA	1,936	4,164
CHILE	34,733,248	30,124,854	COSTA RICA	3,071	3,000
ARGENTINA	4,419,727	4,261,659	SPAIN	0	2,831
MEXICO	440,960	476,643	SWITZERLAND	0	1,601
UKRAINE	105,001	117,814	EL SALVADOR	952	1,429
INDIA	0	39,601	TRINIDAD	4,497	899
CHINA	33,058	30,582	PANAMA	12,158	791
ESTONIA	55,732	13,001	GERMANY	211,882	0
BRAZIL	15,609	11,111	NETHERLANDS	178,240	0
FINLAND	55,776	10,399	IRELAND	88,321	0
POLAND	280,452	1,380	TURKEY	27,302	0
FRANCE	15,035	1,102	NORWAY	8,532	0
NETHERLANDS	245,813	0	URUGUAY	3,816	0
BELGIUM	142,197	0	COLOMBIA	3,816	0
PERU	81,233	0	REP OF SOUTH AFRICA	1,925	0
GUATEMALA	17,035	0	KUWAIT	1,437	0
LITHUANIA	5,997	0	CAYMAN	1,301	0
<b>FROZEN TOTAL</b>	<b>166,546,324</b>	<b>136,719,583</b>	TURK ISLAND	809	0
			INDIA	800	0
			KAZAKHSTAN	459	0
<b>GRAND TOTAL:</b>	<b>516,855,487</b>	<b>457,255,048</b>	CHINA	0	0
			GUATEMALA	0	0
			ICELAND	0	0
			<b>FRESH TOTAL:</b>	<b>69,888,743</b>	<b>58,915,973</b>

SOURCE: US Bureau of Census, Department of  
Commerce Foreign Trade Division.

CALENDAR YEAR (JANUARY TO DECEMBER)

TOTAL = BOTH HIGHBUSH & LOWBUSH BLUEBERRIES

\* TOTALS BASED ON ROUNDED CONVERSIONS FROM KILOGRAMS.

**2016 AND 2017 NORTH AMERICAN BLUEBERRY IMPORTS AND EXPORTS (CON'T)**

**UNITED STATES**

FROZEN:	<u>2016 POUNDS</u>	<u>2017 POUNDS</u>
CANADA	27,407,517	25,406,448
SOUTH KOREA	9,910,718	8,112,461
JAPAN	5,590,619	5,123,144
POLAND	1,418,896	2,189,093
CHINA	609,437	2,125,067
MEXICO	2,154,866	2,063,402
AUSTRALIA	1,663,313	1,534,721
TAIWAN	895,094	1,173,703
NETHERLANDS	1,095,715	1,166,632
GERMANY	528,123	1,124,439
UNITED KINGDOM	2,221,084	1,113,197
BELGIUM	47,999	378,206
DENMARK	311,331	375,174
INDIA	88,307	171,884
NEW ZEALAND	426,782	133,418
COLOMBIA	91,755	126,465
ISRAEL	141,172	124,875
GUATEMALA	104,397	87,448
PHILIPPINES	45,320	74,705
UNITED ARAB EMIRATES	54,462	59,451
TRINIDAD	41,270	58,817
COSTA RICA	102,174	53,982
CHILE	0	52,547
INDONESIA	22,831	51,334
LATIVA	0	46,297
HONDURAS	3,241	45,238
MALAYSIA	2,780	26,054
JAMAICA	28,243	22,873
PANAMA	31,599	16,404
OMAN	1,909	13,803
SINGAPORE	33,331	11,989
EL SALVADOR	5,340	11,574
BARBADOS	11,429	9,359
BAHRAIN	979	8,382
DOMINICAN REPUBLIC	6,038	4,200
ARUBA	0	3,840
NICARAGUA	9,239	2,998
SAUDI ARABIA	0	959
HONG KONG	544,898	0
SERBIA	246,523	0
FRANCE	71,846	0
AUSTRIA	49,800	0
BAHAMAS	41,682	0
CROATIA	32,831	0
BERMUDA	6,087	0
ICELAND	1,629	0
THAILAND	1,023	0
QATAR	899	0
BRAZIL	0	0
EGYPT	0	0
KUWAIT	0	0
CAYMAN	0	0
VIETNAM	0	0
<b>FROZEN TOTAL:</b>	<b>56,104,528</b>	<b>53,104,581</b>
<b><u>GRAND TOTAL:</u></b>	<b><u>125,993,271</u></b>	<b><u>112,020,554</u></b>

## 2016 AND 2017 NORTH AMERICAN BLUEBERRY IMPORTS AND EXPORTS

CANADA

	IMPORTS			EXPORTS	
	2016 POUNDS*	2017 POUNDS		2016 POUNDS*	2017 POUNDS
<b>FRESH:</b>			<b>FRESH:</b>		
UNITED STATES	64,147,747	55,004,783	UNITED STATES	80,527,519	69,614,072
CHILE	19,884,301	18,438,845	CHINA	267,486	369,043
PERU	3,256,265	5,983,181	SINGAPORE	115,609	294,945
MEXICO	2,204,666	4,025,864	HONG KONG	330,247	293,412
ARGENTINA	2,529,276	1,682,948	AUSTRALIA	178,090	215,579
URUGUAY	518,824	246,357	GERMANY	0	154,615
PHILIPPINES	0	32,381	TAIWAN	69,379	80,574
AUSTRALIA	10,915	3,393	INDONESIA	6,878	78,649
COLUMBIA	0	959	JAPAN	63,188	51,482
BRAZIL	0	55	MALAYSIA	45,192	37,335
ITALY	1,508	0	THAILAND	15,130	20,922
JAPAN	0	0	SOUTH KOREA	829	11,045
ANTIGUA BARBUDA	0	0	UNITED KINGDOM	5,009	10,906
BELGIUM	0	0	VIETNAM	0	2,778
AZERBAIJAN	0	0	UNITED ARAB EMIRATES	15,126	2,282
SWITZERLAND	0	0	NORWAY	0	2,264
			BAHRAIN	0	1,349
<b>FRESH TOTAL:</b>	<b>92,553,501</b>	<b>85,418,766</b>	FRANCE	132	853
			INDIA	0	675
<b>FROZEN:</b>			SAINT PIERRE	831	265
UNITED STATES	30,307,328	26,492,383	CAMBODIA	0	159
CHILE	2,268,566	2,086,204	IRELAND	38,889	0
ARGENTINA	164,236	1,371,100	KUWAIT	635	0
JAPAN	0	83,471	ITALY	0	0
PERU	0	52,970	NETHERLANDS	0	0
FRANCE	6,314	24,522	SAUDI ARABIA	694	0
NETHERLANDS	0	9,171	<b>FRESH TOTAL</b>	<b>81,680,864</b>	<b>71,243,203</b>
PHILIPPINES	0	2,604	<b>FROZEN:</b>		
LITHUANIA	0	2,403	UNITED STATES	125,940,421	101,658,469
CHINA	0	450	GERMANY	20,378,941	29,084,426
MEXICO	40,499	119	JAPAN	18,509,828	21,293,607
POLAND	732,388	0	CHINA	5,495,876	9,479,692
FINLAND	425,863	0	BELGIUM	7,047,965	9,148,034
ESTONIA	203,343	0	POLAND	2,594,772	8,325,346
SERBIA	176,368	0	NETHERLANDS	3,157,523	7,657,568
SOUTH AFRICA	0	0	FRANCE	6,026,360	6,777,844
BRAZIL	0	0	SWITZERLAND	6,179,335	5,177,122
UKRAINE	0	0	AUSTRALIA	4,557,071	3,784,322
BELARUS	0	0	UNITED KINGDOM	2,514,904	2,600,500
<b>FROZEN TOTAL:</b>	<b>34,324,906</b>	<b>30,125,396</b>	ITALY	1,253,342	2,213,251
			AUSTRIA	370,168	1,944,453
<b>GRAND TOTAL:</b>	<b>126,878,407</b>	<b>115,544,162</b>	NEW ZEALAND	1,101,407	1,826,765
			PORTUGAL	410,691	767,684
			TAIWAN	426,495	509,882
			SOUTH KOREA	508,998	489,926
			PHILIPPINES	457,435	421,537
			NORWAY	51,449	410,704
			DENMARK	314,907	409,394
			CZECH REPUBLIC	0	371,947
			SWEDEN	172,911	307,257
			BRAZIL	133,200	255,213
			LITHUANIA	0	203,703
			UKRAINE	27,752	195,495
			ISRAEL	211,739	170,592
			BULGARIA	0	152,997
			<b>Sub-Total</b>	<b>207,843,489</b>	<b>215,637,729</b>

SOURCE: STATISTICS CANADA "TOTAL IMPORTS AND TOTAL EXPORTS 2016" CODE CRO-0124975

\*Revised for 2016 per Stats Canada - June 2018

# Totals based on rounded conversions from kilograms.



**2016 AND 2017 NORTH AMERICAN BLUEBERRY IMPORTS AND EXPORTS**

CANADA

EXPORTS
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	<u>2016 POUNDS*</u>	<u>2017 POUNDS</u>
FROZEN:		
IRELAND	407,992	101,998
INDONESIA	15,814	99,123
SERBIA	27,000	97,558
MALAYSIA	101,998	52,469
TURKEY	0	51,449
CROATIA		50,999
ROMANIA	0	50,999
MYANMAR		47,999
THAILAND	80,499	27,125
LATVIA	173,804	4,762
UNITED ARAB EMIRATES		882
BAHRAIN	1,616	708
HONG KONG	3,904	401
SAINT PIERRE & MIQUELON	128	399
VIETNAM	128,998	0
CHILE	79,116	0
SWAZILAND	52,469	0
GREECE	51,449	0
INDIA	670	0
SINGAPORE	33	0
FROZEN TOTAL:	208,968,979	216,224,600
GRAND TOTAL:	<u><u>290,649,843</u></u>	<u><u>287,467,803</u></u>

**NORTH AMERICAN FRESH IMPORTS OF  
SOUTHERN HEMISPHERE BLUEBERRIES  
2008-2017  
(Millions of Pounds)**

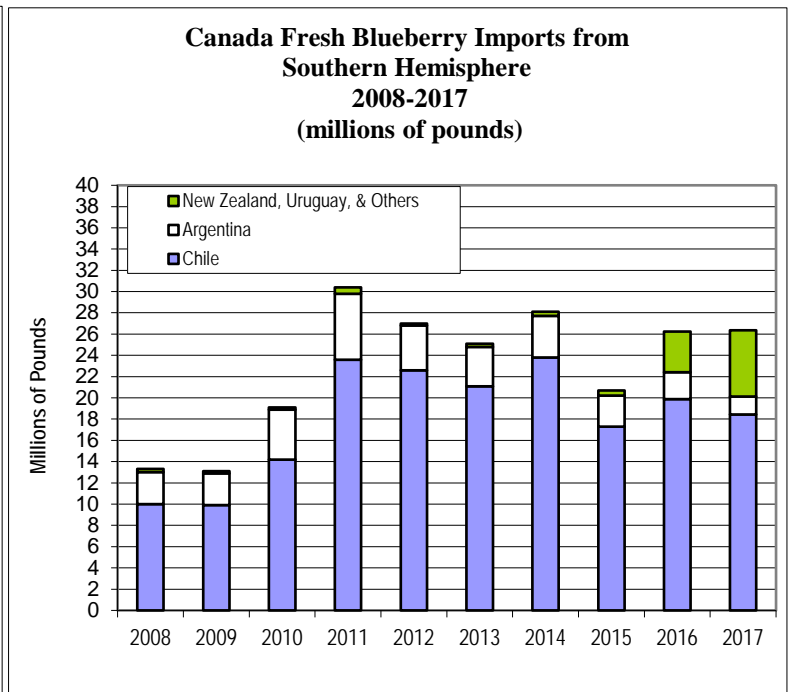
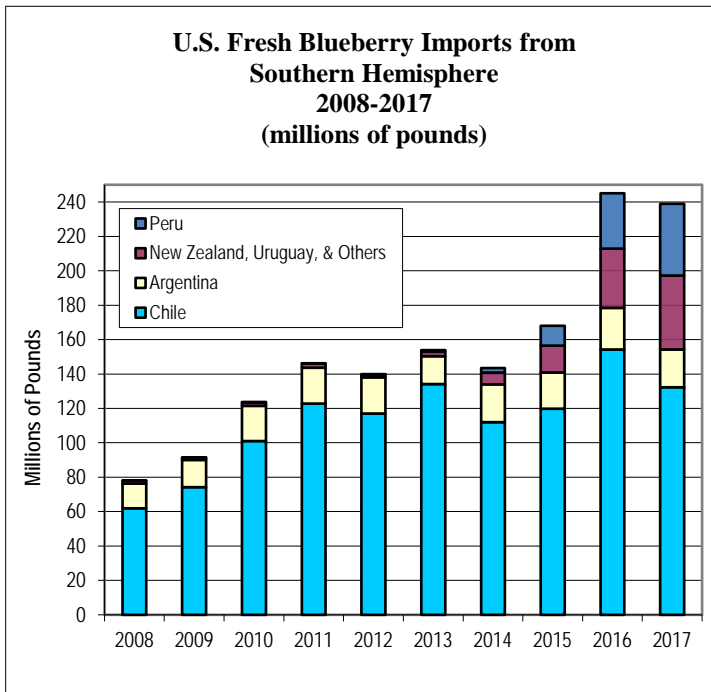
**FRESH IMPORTS**

YEAR	U.S. IMPORTS					CANADIAN IMPORTS					North America Total
	Chile	Argentina	Peru	Uruguay	Others*	Chile	Argentina	New Zealand	Uruguay	Others ^	
2008	61.9	14.4	0.0	1.3	0.3	10.0	3.0	0.0	0.3	0.0	91.2
2009	74.2	15.9	0.0	1.0	0.3	9.9	3.0	0.0	0.2	0.0	104.5
2010	101.0	20.5	0.1	1.8	0.2	14.2	4.7	0.0	0.2	0.0	142.7
2011	122.7	21.0	0.1	2.0	0.2	23.6	6.2	0.0	0.6	0.0	176.4
2012	117.1	21.0	0.0	1.4	0.1	22.6	4.2	0.0	0.2	0.0	166.6
2013	134.1	16.2	1.0	1.4	0.2	21.1	3.7	0.0	0.3	0.0	178.0
2014	112.0	21.9	2.6	2.2	2.2	23.8	3.9	0.0	0.4	0.0	169.0
2015	119.9	20.9	11.6	1.9	2.1	17.3	2.9	0.0	0.3	0.2	177.1
2016	154.2	24.3	32.3	2.0	0.03	19.9	2.5	0.0	0.5	3.3	239.1
2017	132.3	21.9	41.7	1.3	0.01	18.4	1.7	0.0	0.2	6.0	223.6
<b>10 YEAR AVERAGE</b>											
2008-2017	112.9	19.8	8.94	1.63	0.56	18.1	3.58	0.0	0.33	0.9	166.82
<b>3 YEAR AVERAGE</b>											
2015-2017	135.5	22.4	28.5	1.7	0.7	18.5	2.4	0.0	0.4	3.2	213.3

Source: U.S. Bureau of Census Department of Commerce, Foreign Trade Division, and Stats Canada (Calendar Year).

\* Includes: New Zealand

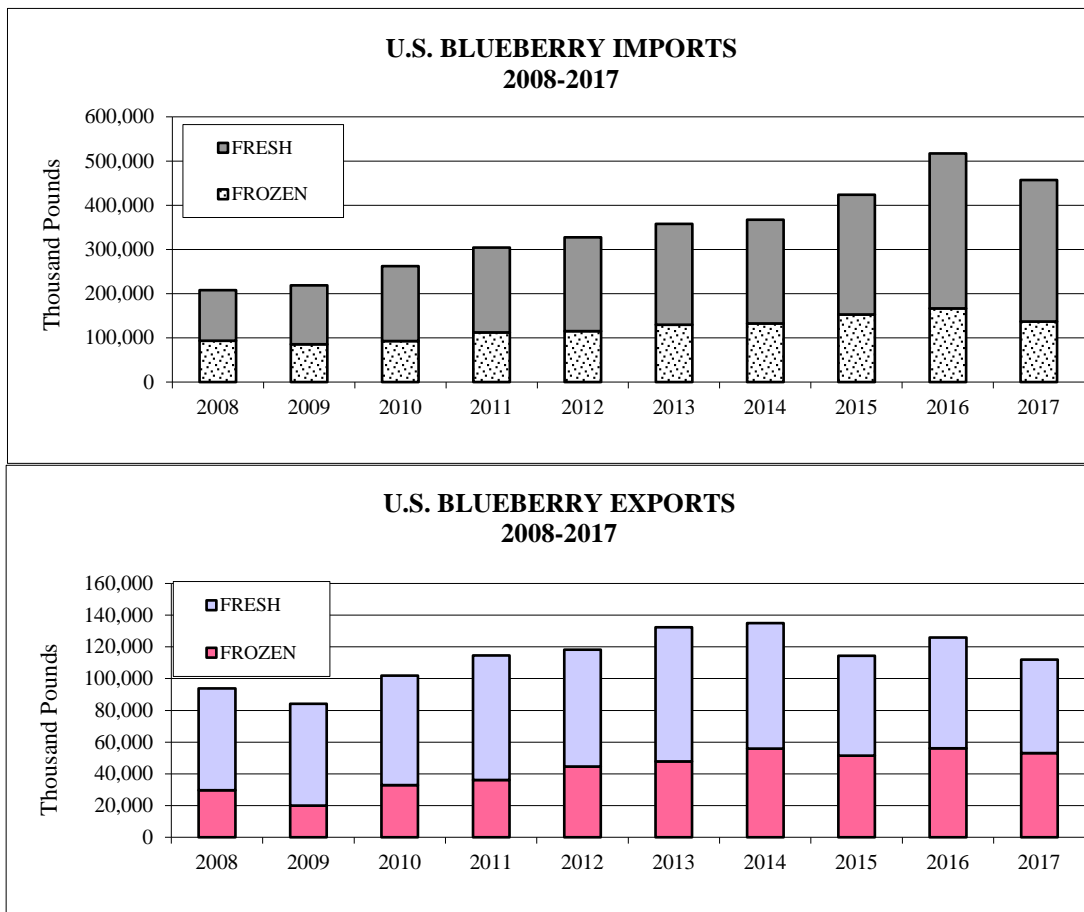
^ Includes: Peru, Australia



**UNITED STATES BLUEBERRY IMPORTS AND EXPORTS  
2008-2017  
(000 Pounds)**

YEAR	<i>IMPORTS:</i>			<i>EXPORTS:</i>		
	<u>FROZEN</u>	<u>FRESH</u>	<u>TOTAL</u>	<u>FROZEN</u>	<u>FRESH</u>	<u>TOTAL</u>
2008	93,224	114,951	<b>208,175</b>	29,742	64,187	<b>93,929</b>
2009	85,181	133,267	<b>218,448</b>	20,002	64,198	<b>84,200</b>
2010	92,921	169,189	<b>262,110</b>	32,878	69,064	<b>101,942</b>
2011	111,963	192,541	<b>304,504</b>	36,176	78,490	<b>114,666</b>
2012	114,971	212,451	<b>327,422</b>	44,676	73,579	<b>118,255</b>
2013	129,378	228,180	<b>357,558</b>	47,908	84,387	<b>132,295</b>
2014	132,668	234,743	<b>367,411</b>	55,851	79,082	<b>134,933</b>
2015	152,963	270,525	<b>423,488</b>	51,485	63,014	<b>114,499</b>
2016	166,546	350,309	<b>516,855</b>	56,105	69,889	<b>125,993</b>
2017	136,720	320,535	<b>457,255</b>	53,105	58,916	<b>112,021</b>
10 YEAR AVERAGE 2008-2017	121,653	222,669	<b>344,323</b>	42,793	70,481	<b>113,273</b>
3 YEAR AVERAGE 2015-2017	152,076	313,790	<b>465,866</b>	53,565	63,940	<b>117,504</b>

Source: U.S. Bureau of Census Calendar Year



**U.S. BLUEBERRY EXPORTS - CROP YEAR BASIS  
(JULY TO JUNE)  
2002/03 TO 2017/18  
(THOUSANDS OF POUNDS)**

<b><u>CROP YEAR</u></b>	<b>FRESH EXPORTS*</b>			<b>FROZEN EXPORTS*</b>		
	<b><u>LOWBUSH</u></b>	<b><u>HIGHBUSH</u></b>	<b><u>TOTAL</u></b>	<b><u>LOWBUSH</u></b>	<b><u>HIGHBUSH</u></b>	<b><u>TOTAL</u></b>
2002/03	26,876	9,453	<b>36,329</b>	15,352	9,537	<b>24,889</b>
2003/04	30,543	16,317	<b>46,860</b>	23,273	8,041	<b>31,314</b>
2004/05	17,350	15,736	<b>33,086</b>	17,682	9,703	<b>27,385</b>
2005/06	31,758	22,248	<b>54,006</b>	13,366	10,428	<b>23,794</b>
2006/07	28,194	20,423	<b>48,617</b>	19,025	13,210	<b>32,235</b>
2007/08	28,466	26,439	<b>54,905</b>	20,344	16,265	<b>36,609</b>
2008/09	34,973	32,414	<b>67,387</b>	10,641	9,950	<b>20,591</b>
2009/10	31,744	37,588	<b>69,332</b>	7,621	14,951	<b>22,572</b>
2010/11	34,463	45,209	<b>79,672</b>	21,838	15,459	<b>37,297</b>
2011/12	31,026	48,174	<b>79,200</b>	17,596	21,373	<b>38,969</b>
2012/13	26,146	41,258	<b>67,404</b>	22,804	25,873	<b>48,677</b>
2013/14	36,833	47,583	<b>84,416</b>	20,069	33,861	<b>53,930</b>
2014/15	35,175	44,428	<b>79,603</b>	18,259	36,237	<b>54,495</b>
2015/16	23,152	37,854	<b>61,006</b>	17,034	32,797	<b>49,831</b>
2016/17	30,396	31,095	<b>61,490</b>	21,989	31,711	<b>53,700</b>
2017/18	22,538	32,333	<b>54,871</b>	21,464	32,247	<b>53,711</b>

Source: Derived from U.S. Bureau of Census - Department of Commerce, Foreign Trade Division Data.

\* Includes exports to Canada.

**2017 U.S. FRESH BLUEBERRY EXPORTS  
HIGHBUSH VERSUS LOWBUSH  
(POUNDS)**

**FRESH EXPORTS:**

<b>COUNTRY</b>	<b>HIGHBUSH POUNDS</b>	<b>HIGHBUSH % OF TOTAL U.S. EXPORT</b>	<b>LOWBUSH POUNDS</b>	<b>LOWBUSH % OF TOTAL U.S. EXPORT</b>	<b>2017 TOTAL</b>
CANADA	31,808,676.48	64%	17,877,075	36%	<b>49,685,751</b>
SOUTH KOREA	2,616,003	78%	737,430	22%	<b>3,353,432</b>
BELGIUM	0	0%	1,612,797	100%	<b>1,612,797</b>
UNITED KINGDOM	811,487	89%	103,784	11%	<b>915,271</b>
JAPAN	541,612.90	81%	124,185	19%	<b>665,798</b>
TAIWAN	277,914	53%	250,628	47%	<b>528,542</b>
MEXICO	318,986	67%	157,369	33%	<b>476,355</b>
HONG KONG	261,555.95	72%	102,309	28%	<b>363,865</b>
SINGAPORE	221,053.04	61%	140,698	39%	<b>361,751</b>
UNITED ARAB EMIRATES	279,933	96%	10,452	4%	<b>290,386</b>
CHINA	27,000	13%	184,807	87%	<b>211,807</b>
AUSTRALIA	152,922	100%	0	0%	<b>152,922</b>
BAHAMAS	51,513	100%	0	0%	<b>51,513</b>
QATAR	0	0%	49,235	100%	<b>49,235</b>
THAILAND	4,308	9%	41,636	91%	<b>45,944</b>
SAUDI ARABIA	18,007	42%	24,725	58%	<b>42,732</b>
PHIL REP	0	0%	35,357	100%	<b>35,357</b>
MALAYSIA	7,734	27%	21,449	73%	<b>29,182</b>
PERU	8,622	100%	0	0%	<b>8,622</b>
ARUBA	5,397	100%	0	0%	<b>5,397</b>
INDONESIA	5,077	100%	0	0%	<b>5,077</b>
VIETNAM	4,949	100%	0	0%	<b>4,949</b>
DOMINICAN REPUBLIC	1,100	24%	3,472	76%	<b>4,572</b>
BERMUDA	4,164	100%	0	0%	<b>4,164</b>
COSTA RICA	3,000	100%	0	0%	<b>3,000</b>
SPAIN	0	0%	2,831	100%	<b>2,831</b>
SWITZERLAND	1,601	100%	0	0%	<b>1,601</b>
EL SALVADOR	0	0%	1,429	100%	<b>1,429</b>
TRINIDAD	0	0%	899	100%	<b>899</b>
PANAMA	791	100%	0	0%	<b>791</b>
<b>FRESH TOTAL:</b>	<b>37,433,407</b>	<b>64%</b>	<b>21,482,566</b>	<b>36%</b>	<b>58,915,973</b>

Note: Fresh exports excluding Canada total 9,230,221 pounds of which Highbush accounts for 61% (5,624,730 pounds) and Lowbush accounts for 39% (3,605,491 pounds )

Source: U.S. Bureau of Census-Department of Commerce, Foreign Trade Division.

**2017 U.S. FROZEN BLUEBERRY EXPORTS  
HIGHBUSH VERSUS LOWBUSH  
(POUNDS)**

**FROZEN EXPORTS:**

<b>COUNTRY</b>	<b>HIGHBUSH POUNDS</b>	<b>HIGHBUSH % OF TOTAL U.S. EXPORT</b>	<b>LOWBUSH POUNDS</b>	<b>LOWBUSH % OF TOTAL U.S. EXPORT</b>	<b>2017 TOTAL</b>
CANADA	12095734	48%	13310713	52%	25,406,448
SOUTH KOREA	6559216	81%	1553244	19%	8,112,461
JAPAN	4797975	94%	325170	6%	5,123,144
POLAND	625804	29%	1563288	71%	2,189,093
CHINA	176161	8%	1948906	92%	2,125,067
MEXICO	543630	26%	1519772	74%	2,063,402
AUSTRALIA	1408940	92%	125781	8%	1,534,721
TAIWAN	1039222	89%	134481	11%	1,173,703
NETHERLANDS	186787	16%	979845	84%	1,166,632
GERMANY	147358	13%	977081	87%	1,124,439
UNITED KINGDOM	1113197	100%	0	0%	1,113,197
BELGIUM	325677	86%	52529	14%	378,206
DENMARK	375174	100%	0	0%	375,174
INDIA	128202	75%	43682	25%	171,884
NEW ZEALAND	80920	61%	52498	39%	133,418
COLOMBIA	119390	94%	7075	6%	126,465
ISRAEL	50646	41%	74229	59%	124,875
GUATEMALA	81782	94%	5666	6%	87,448
PHILIPPINES	22725	30%	51980	70%	74,705
UNITED ARAB EMIRATES	18005	30%	41446	70%	59,451
TRINIDAD	8239	14%	50578	86%	58,817
COSTA RICA	51301	95%	2681	5%	53,982
CHILE	52547	100%	0	0%	52,547
INDONESIA	0	0%	51334	100%	51,334
LATVIA	46297	100%	0	0%	46,297
HONDURUS	6184	14%	39054	86%	45,238
MALAYSA	7055	27%	18999	73%	26,054
JAMAICA	21795	95%	1078	5%	22,873
PANAMA	9449	58%	6956	42%	16,404
OMAN	12403	90%	1400	10%	13,803
SINGAPORE	11989	100%	0	0%	11,989
EL SALVADOR	11574	100%	0	0%	11,574
BARBADOS	9359	100%	0	0%	9,359
BAHRAIN	1764	21%	6618	79%	8,382
DOMINICAN REPUBLIC	0	0%	4200	100%	4,200
ARUBA	1041	27%	2800	73%	3,840
NICARAGUA	1920	64%	1078	36%	2,998
SAUDI ARABIA	959	100%	0	0%	959
<b>FROZEN TOTAL:</b>	<b>30150418</b>	<b>57%</b>	<b>22954163</b>	<b>43%</b>	<b>53,104,581</b>

Note: Frozen exports excluding Canada total 27,698,134 pounds of which Highbush accounts for 65% of the total (18,054,684 pounds) and Lowbush accounts for 35% of the total (9,643,450 pounds) Source: U.S. Bureau of Census - Department of Commerce, Foreign Trade Division

## CANADIAN BLUEBERRY IMPORTS & EXPORTS 2008-2017 (000 POUNDS)

YEAR	IMPORTS			EXPORTS		
	FROZEN	FRESH	TOTAL	FROZEN	FRESH	TOTAL
2008	9,868	78,483	<b>88,351</b>	131,803	37,590	<b>169,393</b>
2009	5,910	71,835	<b>77,745</b>	124,815	42,436	<b>167,251</b>
2010	18,236	82,493	<b>100,729</b>	146,977	45,335	<b>192,312</b>
2011	24,036	102,018	<b>126,054</b>	157,981	44,291	<b>202,272</b>
2012	26,690	94,687	<b>121,377</b>	167,002	65,490	<b>232,492</b>
2013	26,551	110,461	<b>137,012</b>	156,908	66,332	<b>223,240</b>
2014	29,233	96,653	<b>125,886</b>	168,749	77,390	<b>246,139</b>
2015	22,616	75,370	<b>97,986</b>	196,789	92,052	<b>288,841</b>
^2016	34,325	92,554	<b>126,878</b>	208,969	81,681	<b>290,650</b>
2017	30,125	85,419	<b>115,544</b>	215,638	71,243	<b>286,881</b>

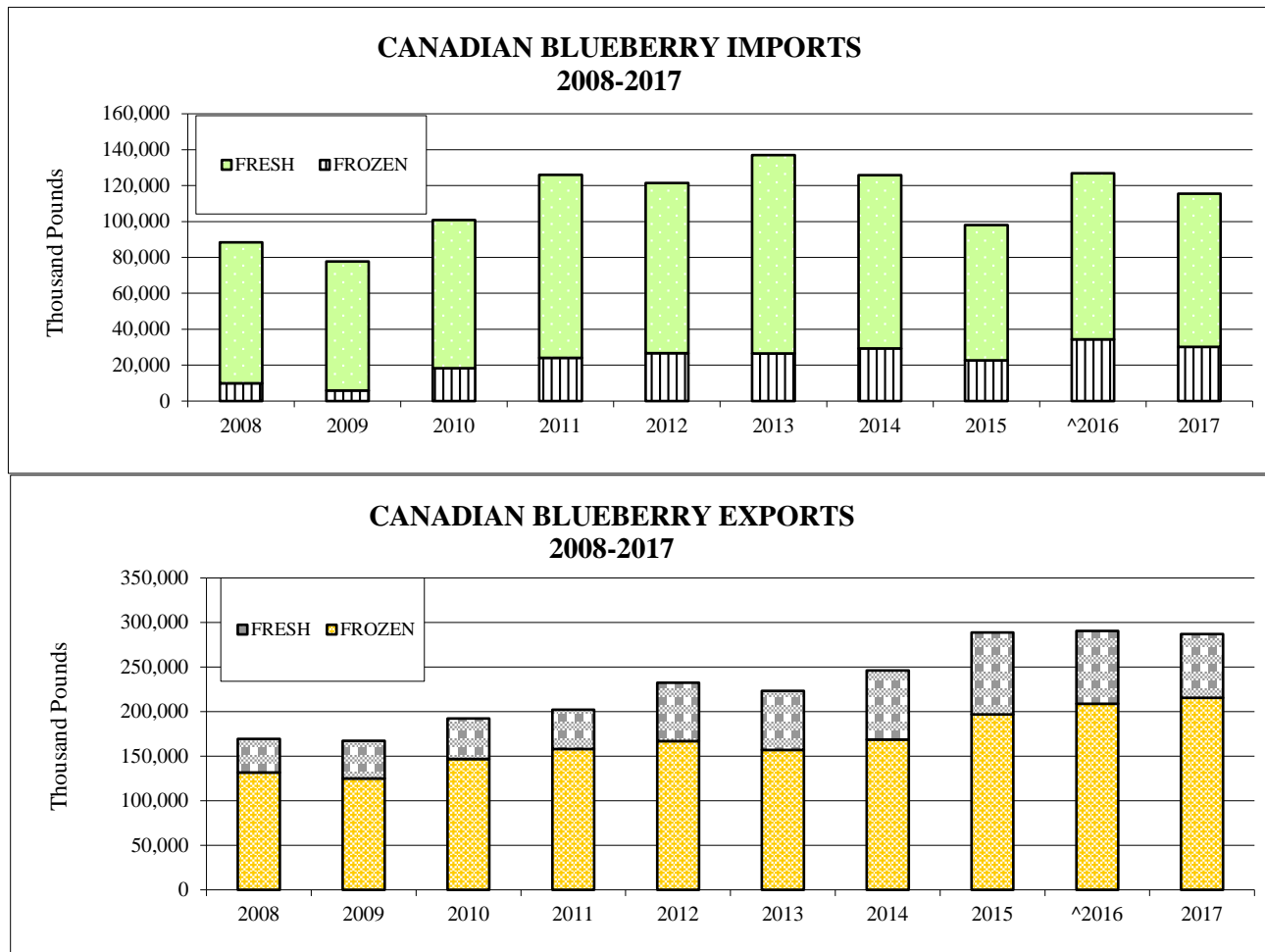
**10 year average 2008-2017**

22,759	88,997	111,756	167,563	62,384	229,947
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**3 year average 2015-2017**

29,022	84,447	113,470	207,132	81,659	288,791
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Source: Stats Canada



^Revised for 2016 per Stats Canada - May 2018

**2017 CANADIAN FRESH BLUEBERRY EXPORTS  
HIGHBUSH VERSUS LOWBUSH  
(POUNDS)**

**FRESH EXPORTS:**

<b>COUNTRY</b>	<b>HIGHBUSH POUNDS</b>	<b>HIGHBUSH % OF TOTAL EXPORT</b>	<b>LOWBUSH POUNDS</b>	<b>LOWBUSH % OF TOTAL EXPORT</b>	<b>2017 TOTAL</b>
UNITED STATES	53,347,156	77%	16,266,917	23%	<b>69,614,072</b>
CHINA	169,355	46%	199,688	54%	<b>369,043</b>
SINGAPORE	50,781	17%	244,164	83%	<b>294,945</b>
HONG KONG	159,692	54%	133,720	46%	<b>293,412</b>
AUSTRALIA	106,775	50%	108,804	50%	<b>215,579</b>
GERMANY	0	0%	154,615	100%	<b>154,615</b>
TAIWAN	36,517	45%	44,057	55%	<b>80,574</b>
INDONESIA	7,590	10%	71,059	90%	<b>78,649</b>
JAPAN	36,931	72%	14,550	28%	<b>51,482</b>
MALAYSIA	12,335	33%	25,000	67%	<b>37,335</b>
THAILAND	12,447	59%	8,474	41%	<b>20,922</b>
SOUTH KOREA	0	0%	11,045	100%	<b>11,045</b>
UNITED KINGDOM	4,857	45%	6,049	55%	<b>10,906</b>
VIETNAM	0	0%	2,778	100%	<b>2,778</b>
UNITED ARAB EMIRATES	0	0%	2,282	100%	<b>2,282</b>
NORWAY	0	0%	2,264	100%	<b>2,264</b>
BAHRAIN	1,349	100%	0	0%	<b>1,349</b>
FRANCE	110	13%	743	87%	<b>853</b>
INDIA	675	100%	0	0%	<b>675</b>
SAINT PIERRE & MIQUELON	0	0%	265	100%	<b>265</b>
CAMBODIA	159	100%	0	0%	<b>159</b>
<b>FRESH TOTAL:</b>	<b>53,946,730</b>	<b>76%</b>	<b>17,296,474</b>	<b>24%</b>	<b>71,243,203</b>

Note: Fresh exports excluding the United States total 1,629,131 pounds of which Highbush accounts for 37% of the total (599,574 pounds) and Lowbush accounts for 63% of the total (1,029,557 pounds).

Source: Statistics, CATSNET Analytics Canada "Canadian Domestic Exports of Blueberries"



**2017 CANADIAN FROZEN BLUEBERRY EXPORTS  
HIGHBUSH VERSUS LOWBUSH  
(POUNDS)**

**FROZEN EXPORTS:**

<b>COUNTRY</b>	<b>HIGHBUSH POUNDS</b>	<b>HIGHBUSH % OF TOTAL EXPORT</b>	<b>LOWBUSH POUNDS</b>	<b>LOWBUSH % OF TOTAL EXPORT</b>	<b>2017 TOTAL</b>
UNITED STATES	54,200,397	53%	47458071	47%	101,658,469
GERMANY	0	0%	29084426	100%	29,084,426
JAPAN	5,399,332	25%	15894275	75%	21,293,607
CHINA	632,606	7%	8847086	93%	9,479,692
BELGIUM	197,508	2%	8950526	98%	9,148,034
POLAND	578,311	7%	7747035	93%	8,325,346
NETHERLANDS	0	0%	7657568	100%	7,657,568
FRANCE	0	0%	6777844	100%	6,777,844
SWITZERLAND	0	0%	5177122	100%	5,177,122
AUSTRALIA	1,078,034	28%	2706288	72%	3,784,322
UNITED KINGDOM	0	0%	2600500	100%	2,600,500
ITALY	92,419	4%	2120832	96%	2,213,251
AUSTRIA	0	0%	1944453	100%	1,944,453
NEW ZEALAND	1,412,767	77%	413997	23%	1,826,765
PORTUGAL	0	0%	767684	100%	767,684
TAIWAN	46,687	9%	463195	91%	509,882
SOUTH KOREA	55,913	11%	434013	89%	489,926
*PHILIPPINES	28,680	7%	392858	93%	421,537
NORWAY	0	0%	410704	100%	410,704
DENMARK	0	0%	409394	100%	409,394
CZECH REPUBLIC	0	0%	371947	100%	371,947
SWEDEN	0	0%	307257	100%	307,257
BRAZIL	53,999	21%	201214	79%	255,213
LITHUANIA	0	0%	203703	100%	203,703
UKRAINE	0	0%	195495	100%	195,495
ISRAEL	0	0%	170592	100%	170,592
BULGARIA	0	0%	152997	100%	152,997
REPUBLIC OF IRELAND	0	0%	101998	100%	101,998
INDONESIA	46,601	47%	52522	53%	99,123
SERBIA	0	0%	97558	100%	97,558
MALAYSIA	0	0%	52469	100%	52,469
TURKEY	0	0%	51449	100%	51,449
CROATIA	0	0%	50999	100%	50,999
ROMANIA	0	0%	50999	100%	50,999
MYANMAR	0	0%	47999	100%	47,999
THAILAND	27,125	100%	0	0%	27,125
LATVIA	0	0%	4762	100%	4,762
UNITED ARAB EMIRATES	882	100%	0	0%	882
BAHRAIN	708	100%	0	0%	708
HONG KONG	401	100%	0	0%	401
SAINT PIERRE & MIQUELON	399	100%	0	0%	399
<b>FROZEN TOTAL:</b>	<b>63,852,769</b>	<b>30%</b>	<b>152371831</b>	<b>70%</b>	<b>216,224,600</b>

Note: Frozen exports excluding shipments to the United States total 114,566,131 pounds of which Highbush represents 8% of shipments (9,652,372 pounds) and Lowbush represents 92% of shipments (104,913,759 pounds).

Source: Statistics, CATSNET Analytics Canada "Canadian Domestic Exports of Blueberries"

**NORTH AMERICAN BLUEBERRY OFFSHORE EXPORT  
2008-2017  
(000 POUNDS)**

<b>YEAR</b>	<b>NORTH AMERICAN TOTAL PRODUCTION</b>	<b>OFFSHORE EXPORT*</b>	<b>OFFSHORE EXPORT AS % OF PRODUCTION</b>
2008	655,188	74,353	11%
2009	685,026	71,948	11%
#2010	688,130	92,749	13%
2011	760,280	115,520	15%
2012	841,258	116,461	14%
2013	874,072	102,199	12%
2014	1,062,880	111,082	10%
2015	1,093,665	124,396	11%
^2016	1,164,196	119,907	10%
2017	1,000,100	153,124	15%
<b>Ten Year Average 2008-2017</b>	<b>882,480</b>	<b>108,174</b>	<b>12%</b>

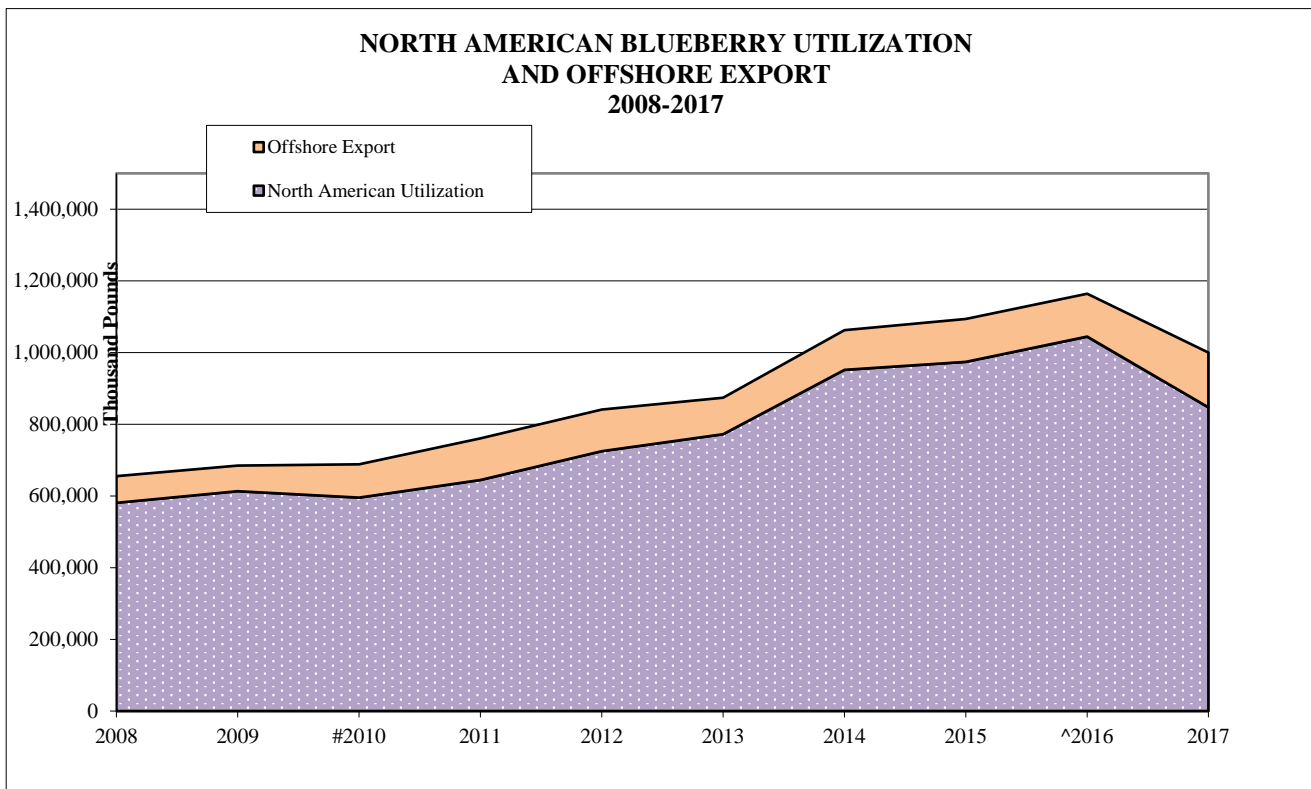
The ten year average (2008-2017) for offshore export is 12% of the average of blueberry production from 2008 to 2017

North American offshore exports in 2017 total 153,123,617 pounds of which 10,859,353 pounds (7%) were fresh blueberries and 142,264,264 pounds (93%) were frozen blueberries.

\*Exports calendar year, fresh and process (excluding U.S. and Canada).

^Revised data per USDA/NASS "Non-citrus Fruit & Nuts Summary" - June 2018

# Includes Mexico data from 2010 to date. Data from World Blueberry Statistics & Global Market Analysis 2016.



**NORTH AMERICAN PROCESSED BLUEBERRY CONSUMPTION, ESTIMATED INVENTORY, PRODUCTION, FROZEN MARKET  
1988-2017 (000,000 Pounds)**

YEAR	JULY 1				FROZEN				PROCESSED		DOMESTIC	HIGHBUSH	LOWBUSH						
	FROZEN CARRY-IN*	+	PRODUCTION	=	TOTAL SUPPLY	FRESH PRODUCTION	=	PROCESSED AVAILABLE	FROZEN CARRY-OUT JUNE 30*	PROCESSED CONSUMPTION	OFFSHORE EXPORT	=	PROCESSED CONSUMPTION	FROZEN MARKET**	FROZEN MARKET**				
1988/89	17.5	+	231.4	=	248.9	-	54.2	=	194.7	-	26.8	=	167.9	-	40.2	=	127.7	1.05-0.86	.98-1.00
1989/90	26.8	+	220.9	=	247.7	-	63.8	=	183.9	-	34.8	=	149.1	-	25.0	=	124.1	0.85-0.61	1.01-1.12
1990/91	34.8	+	267.5	=	302.3	-	65.4	=	236.9	-	33.2	=	203.7	-	56.6	=	147.1	0.57-0.71	1.10-0.95
1991/92	33.2	+	243.3	=	276.5	-	62.4	=	214.1	-	41.7	=	172.4	-	58.8	=	113.6	0.74-0.86	.97-1.05
1992/93	41.7	+	281.7	=	323.4	-	55.5	=	267.9	-	47.1	=	220.8	-	40.7	=	180.1	0.92-0.77	0.99-0.85
1993/94	47.1	+	319.8	=	366.9	-	77.4	=	289.5	-	58.8	=	230.7	-	44.6	=	186.1	0.62-0.51	0.85-0.75
1994/95	58.8	+	285.5	=	344.3	-	81.6	=	262.7	-	43.6	=	219.1	-	44.9	=	174.2	0.51-0.59	0.75-0.79
1995/96	43.6	+	321.9	=	365.5	-	90.0	=	275.5	-	31.7	=	243.8	-	50.9	=	192.9	0.48-0.83	0.79-0.88
1996/97	31.7	+	297.1	=	328.8	-	77.3	=	251.5	-	29.3	=	222.2	-	47.6	=	174.6	0.99-1.01	1.00-0.94
1997/98	29.3	+	333.3	=	362.6	-	85.5	=	277.1	-	63.4	=	213.7	-	46.6	=	167.1	0.97-0.63	0.94-0.87
1998/99	63.4	+	288.8	=	352.2	-	94.4	=	257.8	-	33.8	=	224.0	-	57.4	=	166.6	0.60-0.92	0.87-1.50
1999/00	33.8	+	390.0	=	423.8	-	91.8	=	332.0	-	31.4	=	300.6	-	58.2	=	242.4	0.88-1.00	0.50-1.15
2000/01	31.4	+	432.5	=	463.9	-	104.6	=	359.3	-	59.2	=	300.1	-	60.1	=	240.0	0.99-0.83	1.15-0.94
2001/02	59.2	+	418.2	=	477.4	-	112.3	=	365.1	-	69.0	=	296.1	-	56.9	=	239.2	0.78-0.76	0.94-0.68
2002/03	69.0	+	400.4	=	469.4	-	128.6	=	340.8	-	39.6	=	301.2	-	59.5	=	241.7	0.76-1.09	0.78-0.90
2003/04	39.6	+	449.9	=	489.5	-	138.1	=	351.4	-	45.4	=	306.0	-	66.1	=	239.9	1.04-1.07	0.90-1.05
2004/05	45.4	+	469.1	=	514.5	-	165.7	=	348.8	-	37.6	=	311.2	-	81.2	=	230.0	1.08-1.18	1.08-1.43
2005/06	37.6	+	462.0	=	499.6	-	162.2	=	337.4	-	35.7	=	301.7	-	74.1	=	227.6	1.13-1.93	1.43-N/A
2006/07	35.7	+	543.7	=	579.4	-	169.9	=	409.5	-	50.3	=	359.2	-	78.3	=	280.9	1.75-2.10	N/A
2007/08	50.3	+	539.0	=	589.3	-	173.4	=	415.9	-	69.3	=	346.6	-	69.1	=	277.5	2.10-1.32	N/A
2008/09	69.3	+	655.2	=	724.5	-	231.9	=	492.6	-	108.5	=	384.1	-	69.2	=	314.9	1.15-0.66	N/A - 1.10
2009/10	108.5	+	685.0	=	793.5	-	282.9	=	510.6	-	76.4	=	434.2	-	65.2	=	369.0	0.65-1.09	1.10 - 1.13
2010/11	76.4	+	688.1	=	764.5	-	299.6	=	464.9	-	76.6	=	388.3	-	84.3	=	304.0	1.09-1.55	1.13 - 1.86
2011/12	76.6	+	760.3	=	836.9	-	331.1	=	505.8	-	109.6	=	396.2	-	105.1	=	291.1	1.68-1.48	1.86-2.00
2012/13	109.6	+	841.3	=	950.9	-	340.0	=	610.9	-	138.1	=	472.8	-	106.1	=	366.7	1.35-1.13	2.00-1.70
2013/14	138.1	+	874.1	=	1,012.2	-	358.8	=	653.4	-	136.0	=	517.4	-	97.2	=	420.2	1.13-95	1.70-175
2014/15	136.0	+	1,062.9	=	1,198.9	-	413.2	=	785.7	-	177.0	=	608.7	-	100.8	=	507.9	.95-1.05	1.75-NA
2015/16	177.0	+	1,093.7	=	1,270.6	-	390.6	=	880.0	-	210.6	=	669.4	-	114.1	=	555.3	1.20-1.07	N/A
^2016/17	210.6	+	1,164.2	=	1,374.8	-	414.8	=	960.0	-	197.2	=	762.8	-	111.7	=	651.0	1.03-90	N/A
2017/18	197.2	+	1,000.1	=	1,197.3	-	486.3	=	711.0	-	133.2	=	577.8	-	142.3	=	435.5	.90-TBD	N/A-TBD

**2016/17 vs. 2015/16:**

-6.3%		-14.1%		-12.9%		+17.2%		-25.9%		-32.5%		-24.2%		+27.4%		-33.1%
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**5 Year Average 2012/13-2016/17:**

171.8	+	1,039.0	=	1,210.8	-	412.7	=	798.0	-	170.8	=	627.2	-	113.2	=	514.0
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Total Domestic Process Consumption has averaged 513,990,311 pounds for the past 5 years. Total 2017 Process Consumption (Domestic & Export): 577,800,000 pounds. Total 2017 Production: 1,000,100,000 pounds ( includes Mexico ).  
Estimated decrease in carry over inventory 6/30/18 versus 6/30/17 of 64,000,000 pounds.

\* Beginning with 1995/96 crop year, figures are estimates based on actual U.S. cold storage inventory figure and estimate of Canadian total based upon historic percentages.

\*\*Average July price versus average June price (following year) for Michigan (highbush) and Maine (lowbush) as reported by Food Institute Report, estimates for months when data not available.

Note: Food Institute did not report lowbush from January 2006 through 2008

^2016 data revised per USDA/NASS "Non-citrus Fruit & Nuts Summary" - June 2018 and Stats Canada - May 2018

**TOTAL NORTH AMERICAN CONSUMPTION**  
**1990-2017**  
**(1,000's Pounds)**

	<b>Total Fresh Production</b>	<b>Fresh Offshore Exports</b>	<b>Fresh Offshore Imports</b>	<b>Domestic Fresh Consumption</b>	<b>Domestic Process Consumption</b>	<b>Process Offshore Imports</b>	<b>Total North American Consumption</b>	<b>North American Per Capita Consumption (POUNDS)</b>						
1990	65,400	-	17	+	664	=	66,047	+	147,100	+	60	=	213,207	0.77
1991	62,400	-	1,432	+	707	=	61,675	+	113,600	+	3	=	175,278	0.63
1992	55,502	-	1,474	+	701	=	54,729	+	180,100	+	18	=	234,847	0.83
1993	77,367	-	1,540	+	1,112	=	76,939	+	186,100	+	11	=	263,050	0.92
1994	81,644	-	1,764	+	1,011	=	80,891	+	174,200	+	32	=	255,123	0.88
1995	90,000	-	2,201	+	2,048	=	89,847	+	192,900	+	27	=	282,774	0.97
1996	77,310	-	2,583	+	2,603	=	77,330	+	174,600	+	133	=	252,063	0.85
1997	85,549	-	2,107	+	3,192	=	86,634	+	167,100	+	419	=	254,153	0.85
1998	94,363	-	2,881	+	4,257	=	95,739	+	166,600	+	637	=	262,976	0.88
1999	91,831	-	3,649	+	5,739	=	93,921	+	242,400	+	549	=	336,870	1.11
2000	104,630	-	3,541	+	8,107	=	109,196	+	240,000	+	530	=	349,726	1.12
2001	112,300	-	3,058	+	10,150	=	119,392	+	239,200	+	490	=	359,082	1.14
2002	128,600	-	3,974	+	14,471	=	139,097	+	241,700	+	663	=	381,460	1.20
2003	138,100	-	3,049	+	14,316	=	149,367	+	239,900	+	1,259	=	390,526	1.21
2004	165,700	-	3,317	+	25,952	=	188,335	+	230,000	+	921	=	419,256	1.29
2005	162,200	-	6,367	+	28,780	=	184,613	+	227,600	+	2,478	=	414,691	1.26
2006	169,900	-	5,979	+	43,100	=	207,021	+	280,900	+	5,008	=	492,929	1.49
2007	173,400	-	4,428	+	58,072	=	227,044	+	277,500	+	6,539	=	511,083	1.53
2008	231,860	-	5,154	+	91,521	=	318,227	+	314,900	+	12,264	=	645,391	1.91
2009	282,927	-	6,704	+	105,434	=	381,657	+	369,000	+	12,190	=	762,847	2.24
2010	299,641	-	8,496	+	145,186	=	436,331	+	299,000	+	13,865	=	749,196	2.18
2011	331,095	-	10,439	+	180,650	=	501,306	+	282,300	+	45,633	=	829,239	2.40
2012	340,415	-	10,344	+	122,624	=	452,695	+	354,100	+	36,036	=	842,831	2.42
2013	353,176	-	11,111	+	188,799	=	530,864	+	401,000	+	40,474	=	972,338	2.77
2014#	413,213	-	9,986	+	157,885	=	561,112	+	505,900	+	33,185	=	1,100,197	3.14
2015	390,368	-	10,276	+	201,211	=	581,303	+	551,600	+	37,140	=	1,170,043	3.21
2016*	414,795	-	8,182	+	298,119	=	704,733	+	651,028	+	44,664	=	1,400,425	3.39
2017	486,300	-	10,859	+	280,965	=	756,406	+	435,500	+	38,721	=	1,230,627	3.41

**NORTH AMERICAN POPULATION 1990 to 2016 (millions)**

<b>YEAR</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>
Canada	27.8	28.1	28.5	28.9	29.3	29.6	29.7	30.0	30.2	30.5	30.8	31.1
USA	249.5	252.2	255.0	257.8	260.3	262.8	265.2	267.8	270.2	272.7	281.4	284.8
<b>North American Total:</b>	<b>277.3</b>	<b>280.3</b>	<b>283.5</b>	<b>286.7</b>	<b>289.6</b>	<b>292.4</b>	<b>294.9</b>	<b>297.8</b>	<b>300.4</b>	<b>303.2</b>	<b>312.2</b>	<b>315.9</b>

<b>YEAR</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>#</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Canada	31.3	31.6	31.9	32.2	32.6	32.9	33.3	33.7	#	34.5	34.9	35.3	35.5
USA	287.4	291.5	293.6	296.5	299.1	302.2	304.5	306.8	#	311.7	313.9	316.2	317.7
<b>North American Total:</b>	<b>318.7</b>	<b>323.1</b>	<b>325.5</b>	<b>328.7</b>	<b>331.7</b>	<b>335.1</b>	<b>337.8</b>	<b>340.5</b>	<b>#</b>	<b>346.2</b>	<b>348.8</b>	<b>351.5</b>	<b>353.2</b>

<b>YEAR</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Canada	35.8	36.2	36.7
USA	321.2	323.9	325.4
<b>North American Total:</b>	<b>357.0</b>	<b>360.1</b>	<b>362.1</b>

Source: Population Reference Bureau ( www.prb.org)

\*Data revised per USDA/NASS "Non-citrus Fruit & Nuts Summary" and Stats Canada - June 2018

#Includes Mexico as of 2014

**U.S. BLUEBERRY UTILIZATION - HIGHBUSH AND LOWBUSH  
2013/14 TO 2017/18  
(Millions of Pounds)**

**CROP YEAR PROJECTION**

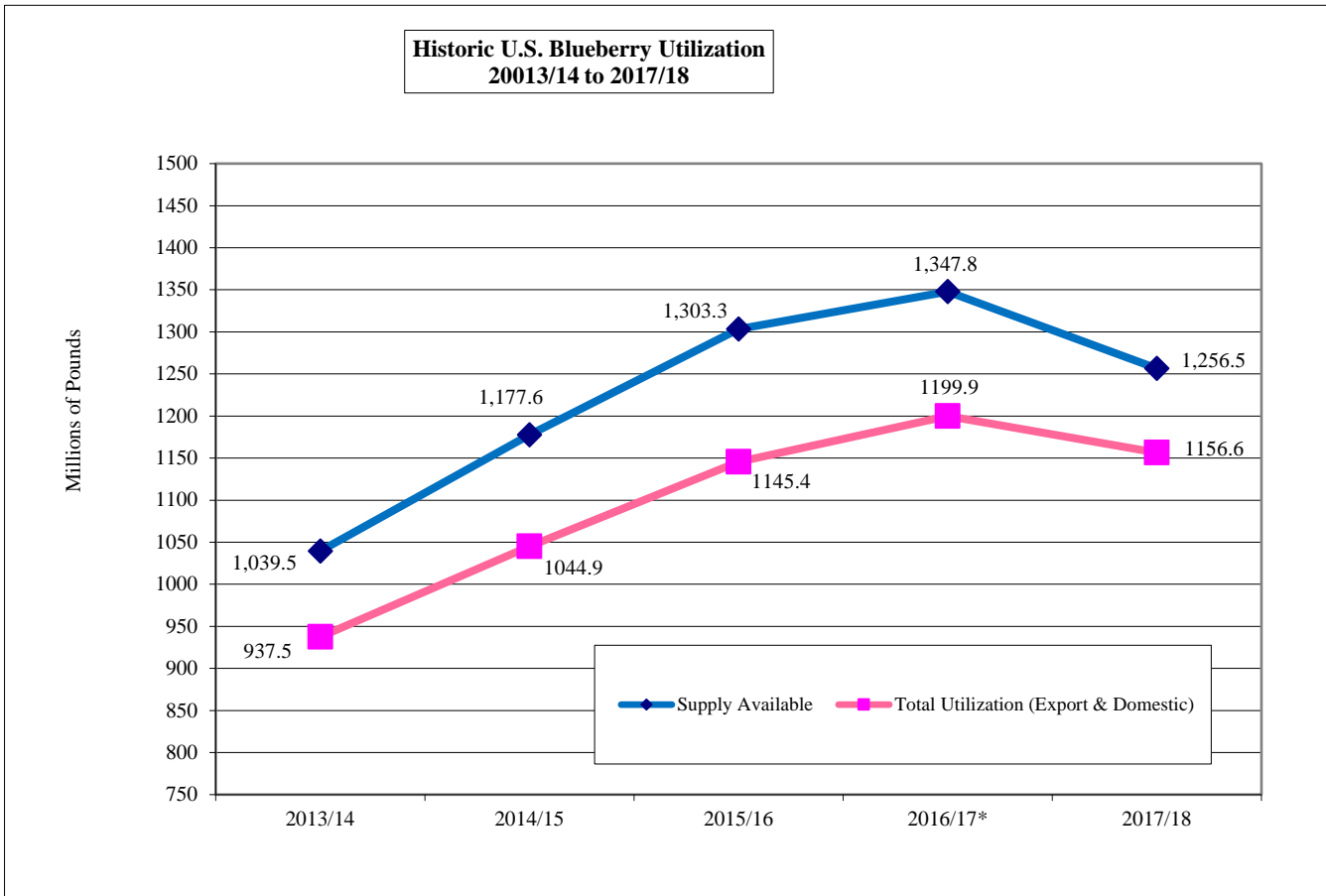
	2013/14	2014/15	2015/16	2016/17*	2017/18
July 1st Frozen Carry In	103.6	102.0	132.7	157.9	147.9
+ Frozen Imports (7/1 to 6/30)	116.5	137.8	161.4	159.2	151.0
+ Fresh Imports (7/1 to 6/30)	205.6	262.8	297.5	331.7	356.7
+ US Production	613.8	675.0	711.7	699.0	600.9
= Supply Available	1,039.5	1,177.6	1,303.3	1,347.8	1,256.5
- Fresh Domestic Consumption (7/1 to 6/30) <sup>1/</sup>	442.4	506.0	529.2	640.1	672.7
- Frozen Domestic Consumption (7/1 to 6/30)	441.2	484.4	566.4	506.1	430.2
- Frozen Exports (7/1 to 6/30)	53.9	54.5	49.8	53.7	53.7
= June 30th Frozen Carry Out	102.0	132.7	157.9	147.9	99.9

\* Numbers revised per USDA/ERS

Exports include shipments to Canada, Imports include shipments from Canada

<sup>1/</sup> Fresh domestic consumption = total U.S. fresh production + fresh imports - fresh exports.

^ Includes Organic

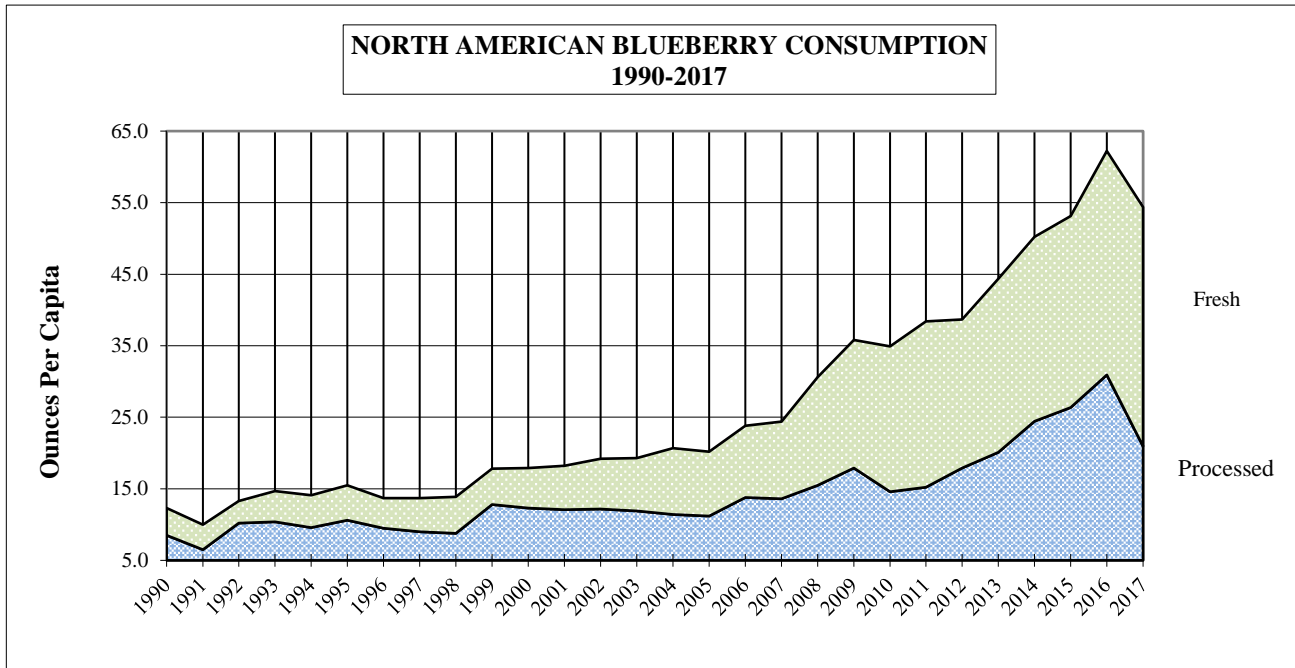


**NORTH AMERICAN BLUEBERRY CONSUMPTION  
1990-2017**

**DOMESTIC PER CAPITA CONSUMPTION OF FRESH & PROCESSED BLUEBERRIES**

(Includes Offshore Imports)

YEAR	FRESH BLUEBERRIES		PROCESSED BLUEBERRIES		TOTAL CONSUMPTION	
	POUNDS	OUNCES	POUNDS	OUNCES	POUNDS	OUNCES
1990	0.238	3.8	0.531	8.5	<b>0.769</b>	<b>12.3</b>
1991	0.220	3.5	0.405	6.5	<b>0.625</b>	<b>10.0</b>
1992	0.193	3.1	0.635	10.2	<b>0.828</b>	<b>13.3</b>
1993	0.268	4.3	0.649	10.4	<b>0.917</b>	<b>14.7</b>
1994	0.280	4.5	0.602	9.6	<b>0.882</b>	<b>14.1</b>
1995	0.308	4.9	0.660	10.6	<b>0.968</b>	<b>15.5</b>
1996	0.262	4.2	0.593	9.5	<b>0.855</b>	<b>13.7</b>
1997	0.291	4.7	0.563	9.0	<b>0.854</b>	<b>13.7</b>
1998	0.319	5.1	0.553	8.8	<b>0.872</b>	<b>13.9</b>
1999	0.310	5.0	0.801	12.8	<b>1.111</b>	<b>17.8</b>
2000	0.350	5.6	0.771	12.3	<b>1.121</b>	<b>17.9</b>
2001	0.378	6.1	0.759	12.1	<b>1.137</b>	<b>18.2</b>
2002	0.437	7.0	0.761	12.2	<b>1.198</b>	<b>19.2</b>
2003	0.462	7.4	0.746	11.9	<b>1.208</b>	<b>19.3</b>
2004	0.579	9.3	0.709	11.4	<b>1.288</b>	<b>20.7</b>
2005	0.562	9.0	0.700	11.2	<b>1.262</b>	<b>20.2</b>
2006	0.624	10.0	0.862	13.8	<b>1.486</b>	<b>23.8</b>
2007	0.678	10.8	0.848	13.6	<b>1.526</b>	<b>24.4</b>
2008	0.942	15.1	0.969	15.5	<b>1.911</b>	<b>30.6</b>
2009	1.121	17.9	1.120	17.9	<b>2.241</b>	<b>35.8</b>
2010	1.270	20.3	0.910	14.6	<b>2.180</b>	<b>34.9</b>
2011	1.448	23.2	0.947	15.2	<b>2.395</b>	<b>38.4</b>
2012	1.297	20.8	1.119	17.9	<b>2.416</b>	<b>38.7</b>
2013	1.526	24.3	1.327	20.1	<b>2.853</b>	<b>44.4</b>
2014	1.613	25.8	1.526	24.4	<b>3.139</b>	<b>50.2</b>
2015	1.671	26.7	1.649	26.4	<b>3.320</b>	<b>53.1</b>
2016	1.957	31.3	1.932	30.9	<b>3.889</b>	<b>62.2</b>
2017	2.089	33.4	1.310	21.0	<b>3.399</b>	<b>54.4</b>

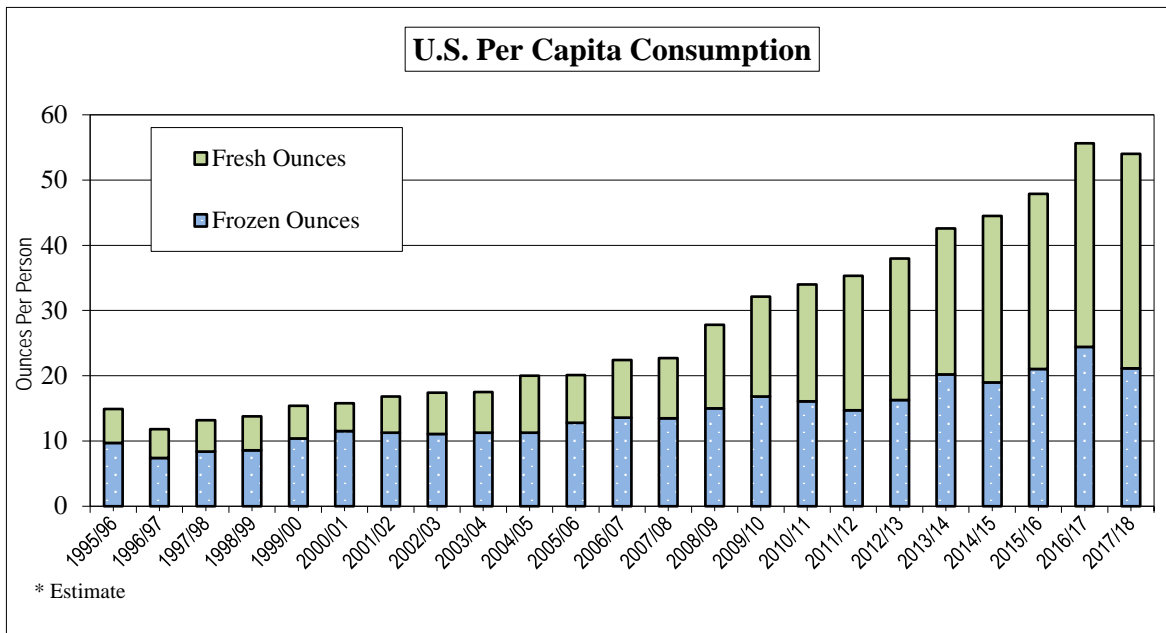


## U.S. PER CAPITA CONSUMPTION 1995/96 TO 2017/18

Crop Year	<u>FRESH BLUEBERRIES</u>		<u>PROCESSED BLUEBERRIES ^</u>		<u>TOTAL CONSUMPTION</u>	
	Fresh Pounds	Fresh Ounces	Frozen Pounds	Frozen Ounces	Pounds	Ounces
1995/96	0.325	5.2	0.606	9.7	0.931	14.9
1996/97	0.274	4.4	0.463	7.4	0.737	11.8
1997/98	0.300	4.8	0.523	8.4	0.823	13.2
1998/99	0.326	5.2	0.534	8.6	0.860	13.8
1999/00	0.313	5.0	0.651	10.4	0.964	15.4
2000/01	0.266	4.3	0.719	11.5	0.985	15.8
2001/02	0.346	5.5	0.703	11.3	1.049	16.8
2002/03	0.394	6.3	0.691	11.1	1.085	17.4
2003/04	0.390	6.2	0.709	11.3	1.099	17.5
2004/05	0.542	8.7	0.707	11.3	1.249	20.0
2005/06	0.454	7.3	0.800	12.8	1.254	20.1
2006/07	0.552	8.8	0.850	13.6	1.402	22.4
2007/08	0.574	9.2	0.846	13.5	1.420	22.7
2008/09	0.802	12.8	0.936	15.0	1.738	27.8
2009/10	0.959	15.3	1.051	16.8	2.010	32.1
2010/11	1.119	17.9	1.009	16.1	2.128	34.0
2011/12	1.288	20.6	0.917	14.7	2.205	35.3
2012/13	1.355	21.7	1.021	16.3	2.376	38.0
2013/14	1.399	22.4	1.259	20.2	2.659	42.6
2014/15	1.594	25.5	1.189	19.0	2.783	44.5
2015/16	1.680	26.9	1.315	21.0	2.995	47.9
2016/17	1.950	31.21	1.5269	24.4	3.477	55.6
2017/18	2.055	32.9	1.320	21.1	3.375	54.0

(Crop Year = July 1 to June 30)

^Highbush & Lowbush



**PRICE TRENDS FROZEN BLUEBERRIES**

**1992-2017**

**CENTS PER POUND - F.O.B. PRICES - 30 POUND CARTONS**

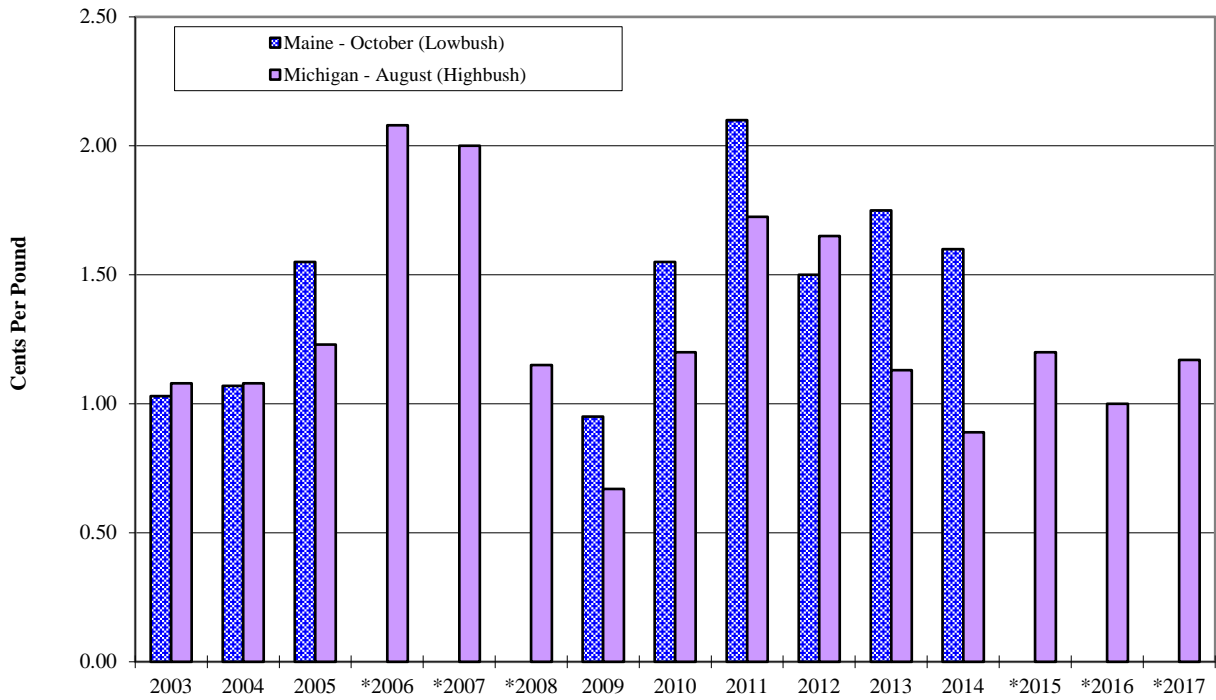
		<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUNE</b>	<b>JULY</b>	<b>AUG</b>	<b>SEPT</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>
<b>1992</b>	Michigan	80-82	80-82	80-82	80-82	82-84	85-88	90-95	95-105	92-96	92-95	88-93	86-90
	<i>Maine</i>	103-108	103-108	103-108	103-108	103-108	103-108	98-100	93-96	92-94	92-95	90-95	90-93
<b>1993</b>	Michigan	82-85	84-88	84-88	84-88	82	75-79	60-64	55-60	48-54	50-54	50-54	50-54
	<i>Maine</i>	90-92	88-90	87-89	87-89	87-89	85	85	79	75	72-75	70-73	68-72
<b>1994</b>	Michigan	50-54	50-54	50-52	50-52	50-52	50-52	50-52	58-60	58	59	60	60
	<i>Maine</i>	69	69	69	75	75	75	75	*	76-78	78	79-81	79-81
<b>1995</b>	Michigan	60	60	60	58-60	58-60	58-60	48	50	55-58	58-60	64-65	67-70
	<i>Maine</i>	78-80	78-80	78-80	78-80	78-80	78-80	*	*	78-80	78-80	80-83	80-85
<b>1996</b>	Michigan	68-72	70-72	75	78-80	78-80	80-85	98-99	105-110	105-110	105-108	110-112	110
	<i>Maine</i>	80-85	85	85	85-90	85-90	85-90	*	*	110-115	110-115	115	115-118
<b>1997</b>	Michigan	107-110	110-112	110-112	108	108	*	*	92-95	89-90	80-85	78-80	75-79
	<i>Maine</i>	115-118	115-118	110-114	110-118	110-118	92-95	92-95	98	95-98	90-95	90-92	90-92
<b>1998</b>	Michigan	65-70	61-66	62-68	62-65	60-65	60-65	60	75-79	79	80-82	80-82	85
	<i>Maine</i>	91-93	87-92	87-92	87-92	85-88	85-88	85-88	85-88	110-112	110-112	110-112	115
<b>1999</b>	Michigan	92-97	92-97	92-97	88-92	88-92	88-95	*	85-87	88-90	97-100	97-100	104-110
	<i>Maine</i>	125-140	125-140	125-140	150	150	150	150	*	115-120	115-120	115-120	115-120
<b>2000</b>	Michigan	105-110	105-110	115-120	114-120	*	*	*	95-97	95-97	95-97	95-97	97-98
	<i>Maine</i>	115-120	115-120	120	120	120	*	*	*	106-110	106-110	106-110	106-110
<b>2001</b>	Michigan	*	*	87-89	87-89	87-89	*	77-79	74-76	72-75	72-75	72-75	65-75
	<i>Maine</i>	*	*	90-93	90-93	90-93	*	94-95	*	80-85	*	82-85	*
<b>2002</b>	Michigan	62-68	64-68	64-68	74-78	74-78	75-77	74-78	80-84	80-86	85-88	94-96	85-90
	<i>Maine</i>	90-100	90-100	80-94	68	*	68	*	*	87-90	65-83	78-82	75-78
<b>2003</b>	Michigan	85-90	110-115	110-115	110-115	110-115	106-112	100-108	105-110	100-110	110-115	112-115	100-115
	<i>Maine</i>	75-78	84-88	84-88	84-88	85-90	85-95	85-95	95-100	95-100	95-110	100-110	100-110
<b>2004</b>	Michigan	110-115	110-115	110-115	*	115-120	*	*	105-110	112-115	110-115	112-115	112-115
	<i>Maine</i>	100-110	100-110	103-105	103-105	100-110	*	*	105-110	105	107	107	107
<b>2005</b>	Michigan	115-116	117-118	117-122	120-125	120-125	*	110-115	120-125	130-150	160-175	173-176	185-190
	<i>Maine</i>	*	125-135	140-145	140-145	140-145	*	*	*	142-145	150-160	*	*
<b>**2006</b>	Michigan	195-205	205-215	205-215	*	*	*	170-180	200-215	205-215	210-215	215-220	220-225
<b>**2007</b>	Michigan	220-225	220-225	220-225	210	210	210	210	200	200	179-200	176-185	175-182
<b>**2008</b>	Michigan	165	165	168	159	145	132	115	115	120	110	95	93
<b>2009</b>	Michigan	85	79	65	65	63	66	65	67	68	69	70	70
	<i>Maine</i>	150	150	150	*	*	*	110	110	95	95	*	*
<b>2010</b>	Michigan	72	75	92	100	97	*	*	120	165	*	*	*
	<i>Maine</i>	*	*	*	85	85	*	*	140	155	155	160	160
<b>2011</b>	Michigan	170-180	*	170-180	150-160	150-160	150-160	165-170	170-175	200-205	200-210	175-185	175-185
	<i>Maine</i>	*	*	165-170	*	*	*	*	*	205	210	209-215	209-215
<b>2012</b>	Michigan	165-175	165-175	160-165	160-165	*	145-150	120-150	160-170	140-150	145	145	145
	<i>Maine</i>	*	*	200	200	*	200	*	140	130-140	125-175	125-175	125-175
<b>2013</b>	Michigan	*	*	*	100-125	110-115	110-115	110-115	110-115	105-120	105-120	105-120	105-120
	<i>Maine</i>	120-125	120-125	165-175	165-175	165-175	165-175	165-175	160-165	175	175	175	175
<b>2014</b>	Michigan	105-120	98-110	95	95	95	95	95	89	110-120	110-120	*	*
	<i>Maine</i>	175	175	175	175	175	175	175	191	160	160	*	*
<b>2015</b>	Michigan	*	110-125	110-120	110-120	105-110	100-110	110-130	115-125	115-125	115-125	115-125	115-125
	<i>Maine</i>	*	*	*	*	*	*	*	*	*	*	*	*
<b>2016</b>	Michigan	115-125	*	115-125	115-125	115-125	105-112	100-105	95-105	95-105	95-105	95-105	95-105
	<i>Maine</i>	130	*	*	*	*	*	*	*	*	*	*	*
<b>2017</b>	Michigan	.85-.95	.85-.95	.85-.95	.85-.95	.85-.95	.85-.95	.85-.95	110-125	105-125	105-120	105-120	105-120
	<i>Maine</i>	*	*	*	*	*	*	*	*	*	*	*	*

Source: Food Institute Report, January 2018, "Price Trends of Frozen Fruits Blueberries"

\* = No prices quoted   \*\*Note: Food Institute did not report Maine figures from 2006 through 2008



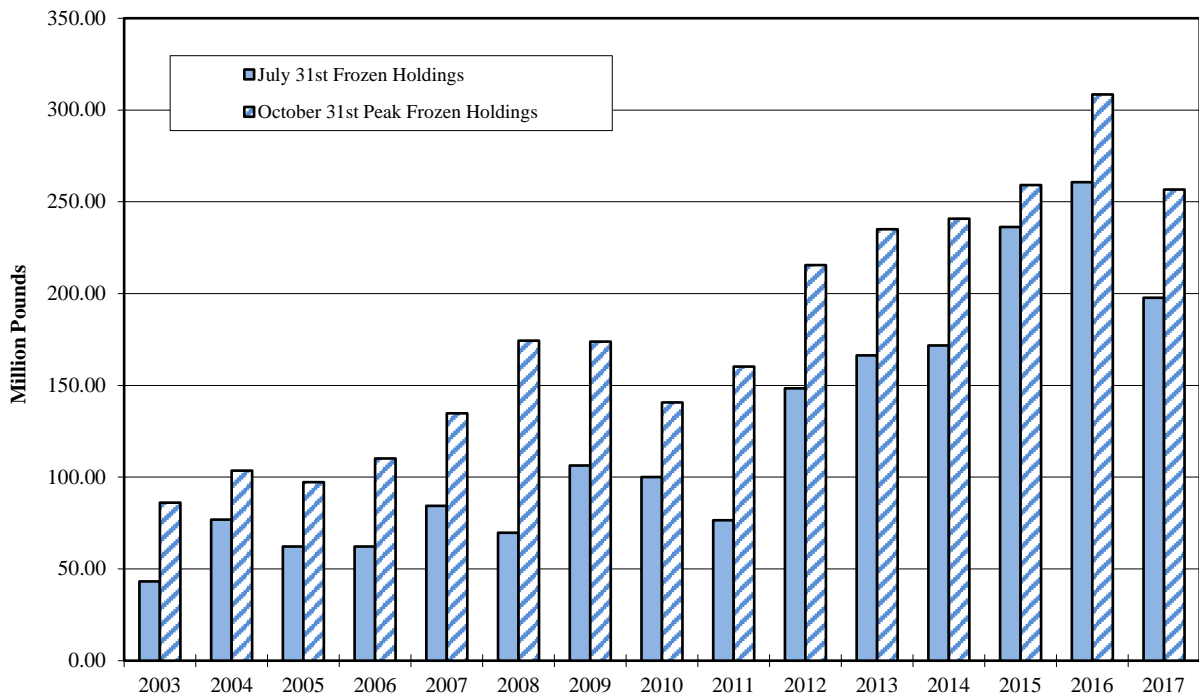
**FROZEN BLUEBERRY OPENING MARKET  
2003-2017**



(Source: Food Institute Report - January 2018)

\* Note: Food Institute did not report Maine Lowbush figures from 2006 through 2008, 2015-2017

**U.S. COLD STORAGE HOLDINGS JULY VS. OCTOBER  
2003-2017**



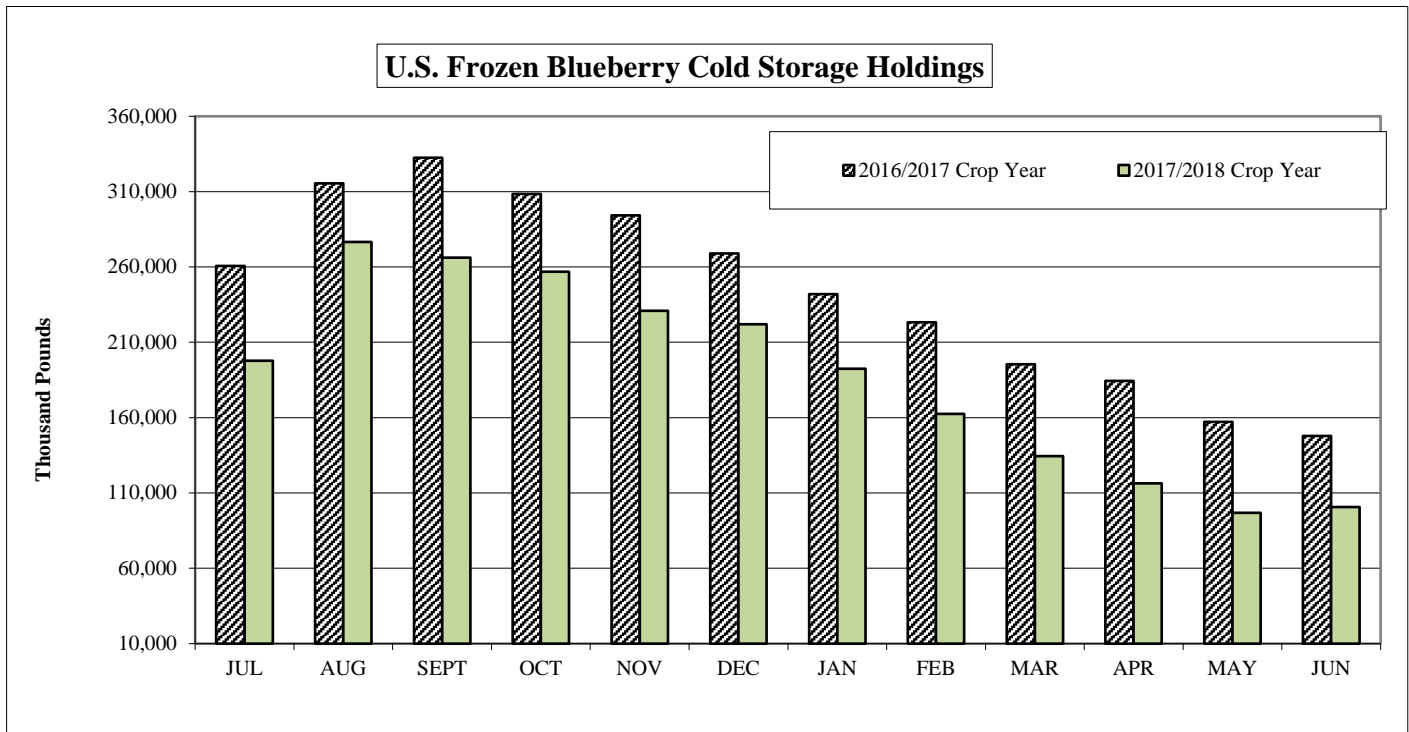
(Source: Public Cold Storage as reported to USDA/NASS)

**UNITED STATES FROZEN BLUEBERRY COLD STORAGE HOLDINGS  
1990-2017 CROP YEAR / (000 POUNDS)**

	<i>JULY</i>	<i>AUG</i>	<i>SEPT</i>	<i>OCT</i>	<i>NOV</i>	<i>DEC</i>		<i>JAN</i>	<i>FEB</i>	<i>MAR</i>	<i>APR</i>	<i>MAY</i>	<i>JUNE</i>
1990	30,923	93,617	101,627	90,636	80,183	73,332	1991	64,705	57,109	50,344	42,313	32,741	28,590
1991	42,608	87,158	86,874	83,623	75,499	66,056	1992	60,711	53,794	43,966	37,559	31,884	28,679
1992	38,309	70,485	97,148	91,789	86,286	79,603	1993	69,058	60,952	52,011	45,550	38,605	30,266
1993	34,798	107,595	115,614	105,609	97,882	91,786	1994	88,817	77,475	68,310	56,631	48,652	41,407
1994	51,592	116,209	112,217	93,695	84,830	78,307	1995	70,955	61,018	57,130	46,925	39,462	32,192
1995	37,335	95,570	98,555	85,104	81,593	72,813	1996	60,590	55,911	47,192	38,532	29,363	23,786
1996	33,950	81,006	82,105	71,317	66,381	60,126	1997	55,782	47,892	39,023	32,624	25,661	21,968
1997	38,753	94,398	114,948	102,497	96,928	87,345	1998	83,353	74,665	64,026	60,136	51,593	47,537
1998	70,454	102,064	94,197	88,827	77,259	67,443	1999	60,759	52,951	48,402	40,093	28,603	25,358
1999	47,525	103,184	95,381	81,845	69,999	58,981	2000	52,814	44,814	38,794	30,697	24,137	23,584
2000	52,295	109,252	110,199	99,301	93,553	85,105	2001	77,392	68,791	63,218	53,932	46,978	44,407
2001	62,904	128,534	134,814	120,955	111,814	100,526	2002	91,259	84,492	75,051	66,635	56,245	51,746
2002	66,429	120,995	119,604	111,364	100,274	88,705	2003	76,903	65,843	56,836	48,226	35,299	29,733
2003	43,247	104,450	88,912	86,071	84,355	76,834	2004	69,985	63,981	51,158	43,190	37,504	34,073
2004	76,874	113,322	110,057	103,575	93,845	85,109	2005	77,105	68,419	53,737	41,516	34,673	28,198
2005	62,282	111,198	109,229	97,204	88,008	77,360	2006	68,466	58,754	47,039	36,613	28,909	26,785
2006	62,220	123,072	114,351	110,139	99,826	98,719	2007	83,196	75,709	65,398	56,362	45,921	37,700
2007	84,342	154,880	147,570	134,715	125,577	114,114	2008	100,696	94,652	78,106	66,604	58,282	51,960
2008	69,783	172,145	182,478	174,334	164,703	153,445	2009	141,089	130,964	115,615	100,820	87,790	81,404
2009	106,327	189,893	189,628	173,849	154,647	141,883	2010	123,579	109,095	93,342	75,482	61,331	57,332
2010	100,100	163,387	155,105	140,707	129,877	116,485	2011	104,091	93,103	80,016	65,583	50,865	57,467
2011	76,551	167,015	174,805	160,156	147,757	136,966	2012	124,003	114,066	96,723	85,700	73,717	82,218
2012	148,315	238,510	234,207	215,588	196,702	171,296	2013	165,932	152,187	137,358	119,814	100,876	103,599
2013	166,382	260,094	251,279	235,007	217,393	201,834	2014	172,718	150,626	130,825	117,065	98,716	102,012
2014	171,661	269,537	265,303	240,830	229,225	208,324	2015	187,523	166,469	152,745	133,836	119,328	132,732
2015	236,349	273,614	280,085	259,198	245,754	224,696	2016	211,459	191,351	164,927	154,142	145,414	157,928
2016	260,675	315,436	332,379	308,554	294,135	268,895	2017	241,874	223,298	195,417	184,367	157,140	147,914
2017	197,723	276,632	266,243	256,727	230,843	222,060	2018	192,354	162,564	134,469	116,387	96,891	99,912

Figures are from the last day of the month.

Source: Figures from Public Cold Storage reported to the USDA/NASS



**UNITED STATES FROZEN BLUEBERRY MOVEMENT  
CROP YEAR 2008/09 TO 2017/18 (TO DATE)  
(000,000 POUNDS)**

**CROP YEAR PRESENTATION**

	<u>JULY</u>	<u>AUG</u>	<u>SEPT</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUNE</u>	<u>TOTAL*</u>
2008/09	+17.8	+102.4	+10.3	-8.1	-9.6	-11.3	-12.4	-10.1	-15.3	-14.8	-13.0	-6.4	<b>-101.0</b>
2009/10	+24.9	+83.6	-0.3	-15.8	-19.2	-12.8	-18.3	-14.5	-15.8	-17.9	-14.2	-4.0	<b>-132.8</b>
2010/11	+42.8	+63.3	-8.3	-14.4	-10.8	-13.4	-12.4	-11.0	-13.1	-14.4	-14.7	+6.6	<b>-112.5</b>
2011/12	+19.1	+90.5	+7.8	-14.6	-12.4	-10.8	-13.0	-9.9	-17.3	-11.0	-12.0	+8.5	<b>-101.0</b>
2012/13	+66.1	+90.2	-4.3	-18.6	-18.9	-25.4	-5.4	-13.7	-14.8	-17.5	-18.9	+2.7	<b>-137.5</b>
2013/14	+62.8	+93.7	-8.8	-16.3	-17.6	-15.6	-29.1	-22.1	-19.8	-13.8	-18.3	+3.3	<b>-161.4</b>
2014/15	+68.6	+97.9	-4.2	-24.5	-11.6	-20.9	-20.8	-21.1	-13.7	-18.9	-14.5	+12.4	<b>-150.2</b>
2015/16	+104.7	+37.3	+6.5	-20.9	-13.4	-21.1	-13.2	-20.1	-26.4	-10.8	-8.7	+13.0	<b>-134.6</b>
2016/17	+102.7	+54.8	+16.9	-23.8	-14.4	-25.2	-27.0	-18.6	-27.9	-11.1	-27.2	-9.2	<b>-184.4</b>
2017/18	+49.8	+78.9	-10.2	-9.7	-25.9	-8.8	-29.7	-29.8	-28.1	-18.1	-19.5	+3.0	<b>-179.8</b>

10 Year Average (2008/09 - 2017/18)

	55.9	79.3	0.5	-16.7	-15.4	-16.5	-18.1	-17.1	-19.2	-14.8	-16.1	4.3	<b>-139.5</b>
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3 Year Average (2015/16 to 2017/18)

	85.7	57.0	4.4	-18.1	-17.9	-18.4	-23.3	-22.8	-27.5	-13.3	-18.5	8.0	<b>-166.3</b>
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Figures are from the last day of the month.

\*Total Seasonal Consumption = Total of consumption (-) figures for the season.

\*\* Preliminary number

