

# Tendencias del retail y su impacto en la categoría de arándanos y berries en los EEUU

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Seminario Internacional de Arándanos

# Proposito de esta presentación

- Entender a las tendencias de oferta y demanda para los arandanos en USA
- Los cambios en la estructura del sector retail y las implicaciones para los productores y exportadores de arandanos, incluyendo la necesidad de:
  - 1) evitar la fragmentacion al lado de la oferta
  - 2) invertir en la promocion - ampliar la demanda
  - 3) seguir desarrollando nuevos canales de comercializacion, incluyendo farmacias y otros formatos retail, foodservice (hoteles, restaurantes, instituciones), y nuevos productos (1400 productos con arandanos introducidos en 2010).

# Temas en esta presentación

- La economía impacta la demanda para las frutas y hortalizas e influye en el comportamiento de los retailers
- La competencia se intensifica y los requisitos para los proveedores crecen
- Los arandanos se deben de entender dentro del contexto del mercado/categoría de berries
- La producción de arandanos en América del Norte (NA)
- Tendencias de consumo
- El papel cambiante de México en los berries
- La promoción genérica

# La Caida Economica - Impacto Sobre las Ventas de las Frutas y Hortalizas Frescas y el Sector Retail

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# USA Select Supermarket\* Fresh Produce Dept. Performance During the Economic Downturn, % Change vs. Prior Year

\*Excludes club stores, supercenters, part of conventional grocery and other alternative formats, not same store sales.

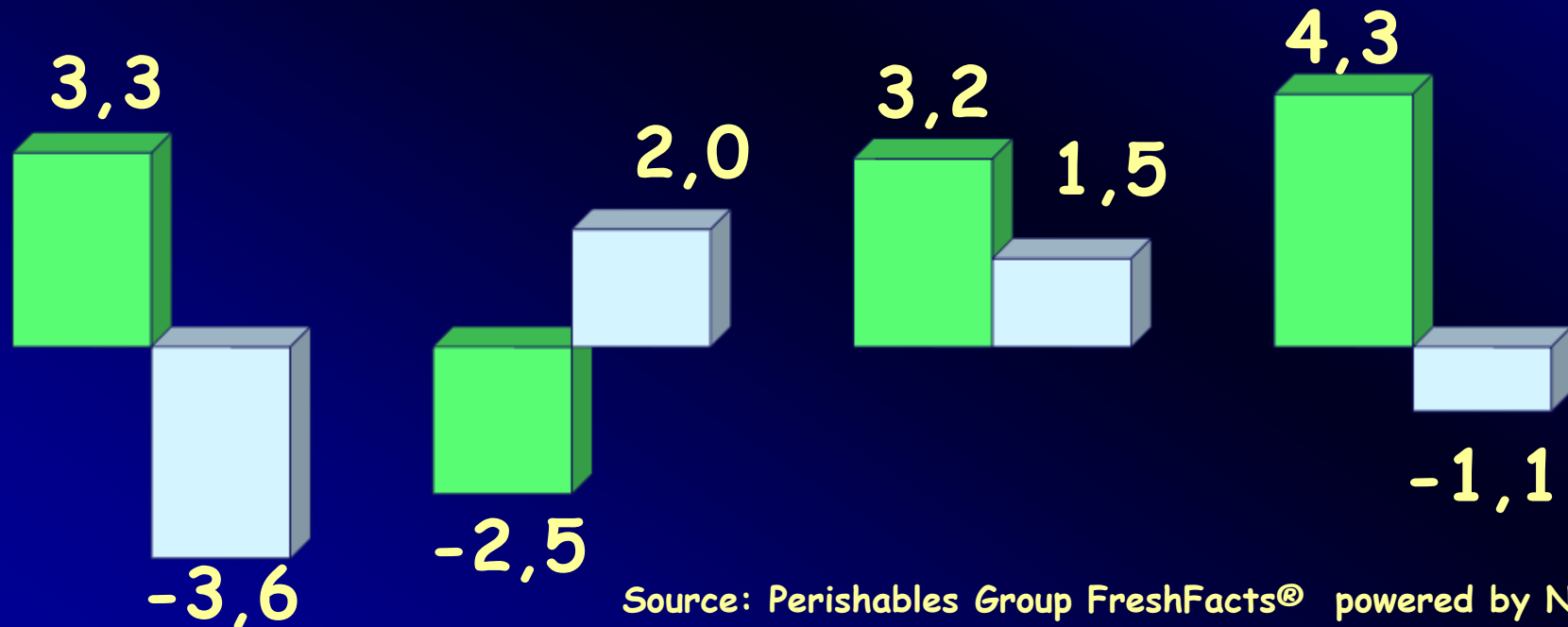
2008

2009

2010

2011

■ \$Sales ■ Quantity



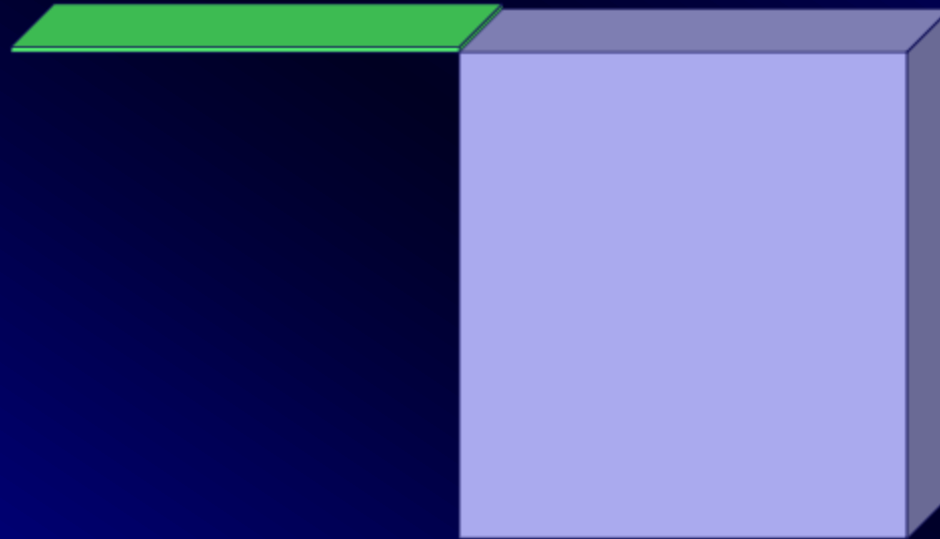
Source: Perishables Group FreshFacts® powered by Nielsen

# USA Fresh Fruit Sales in Select Supermarkets\*: Quantity and Dollars, % Change 2011 vs. 2010

■ Dollars

■ Quantity

0.05%



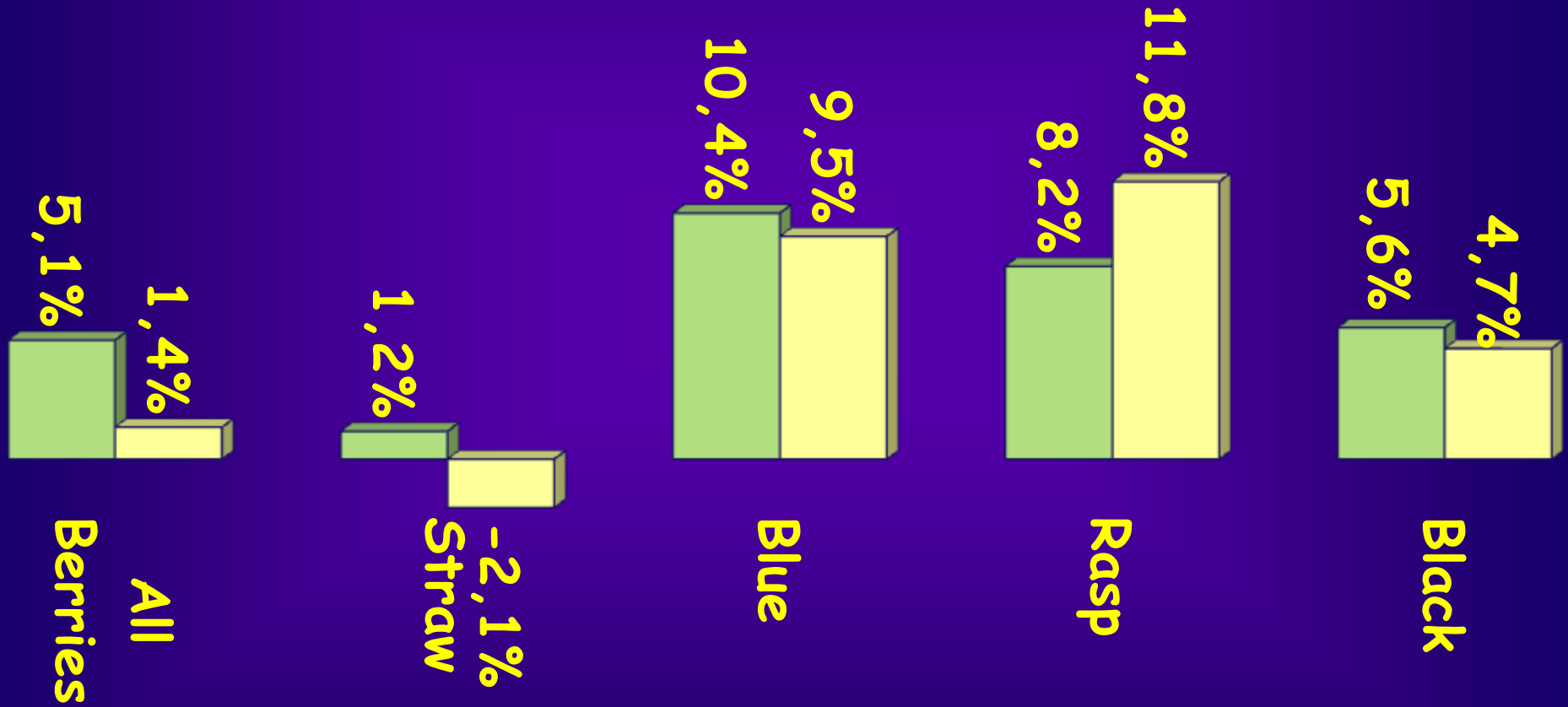
-4.8%

# USA Berry Sales, by Berry Type, in Select Supermarkets, 2011



Percent Change vs. Year Ago in:

■ Dollars ■ Quantity



# Top Food Industry Trends

- Shoppers have migrated towards retailers with strong value for money credentials; on-going channel-blurring trend
- Many retailers have lowered prices to close the gap with discount competitors
- Retail strategies include new pricing initiatives, format development, e.g., smaller, price impact, and fresh food formats by non-traditional grocery retailers (Walgreen's, Target P-Fresh)
- Cost-cutting to maintain margins, seeking efficiency gains
- Lowering inventory levels, SKU RAT, painful lessons already
- Retail corporate restructuring to eliminate duplication and generate cost savings
- Store brand/private label growth



# USA retail environment challenging but improving

Retailer	Comparable Sales Growth, 2010	Comparable Store Sales Growth, 2009
Costco	7.0%	+3.0%
Kroger	2.8%	+2.1%
Publix	2.3%	-4.7%
Safeway	-1.8%	-2.5%
Supervalu	-5.1%	-6.5%
Target	2.1%	-1.6%
Walmart US	-0.8%	-0.5%
Whole Foods Market	7.1%	-0.9%

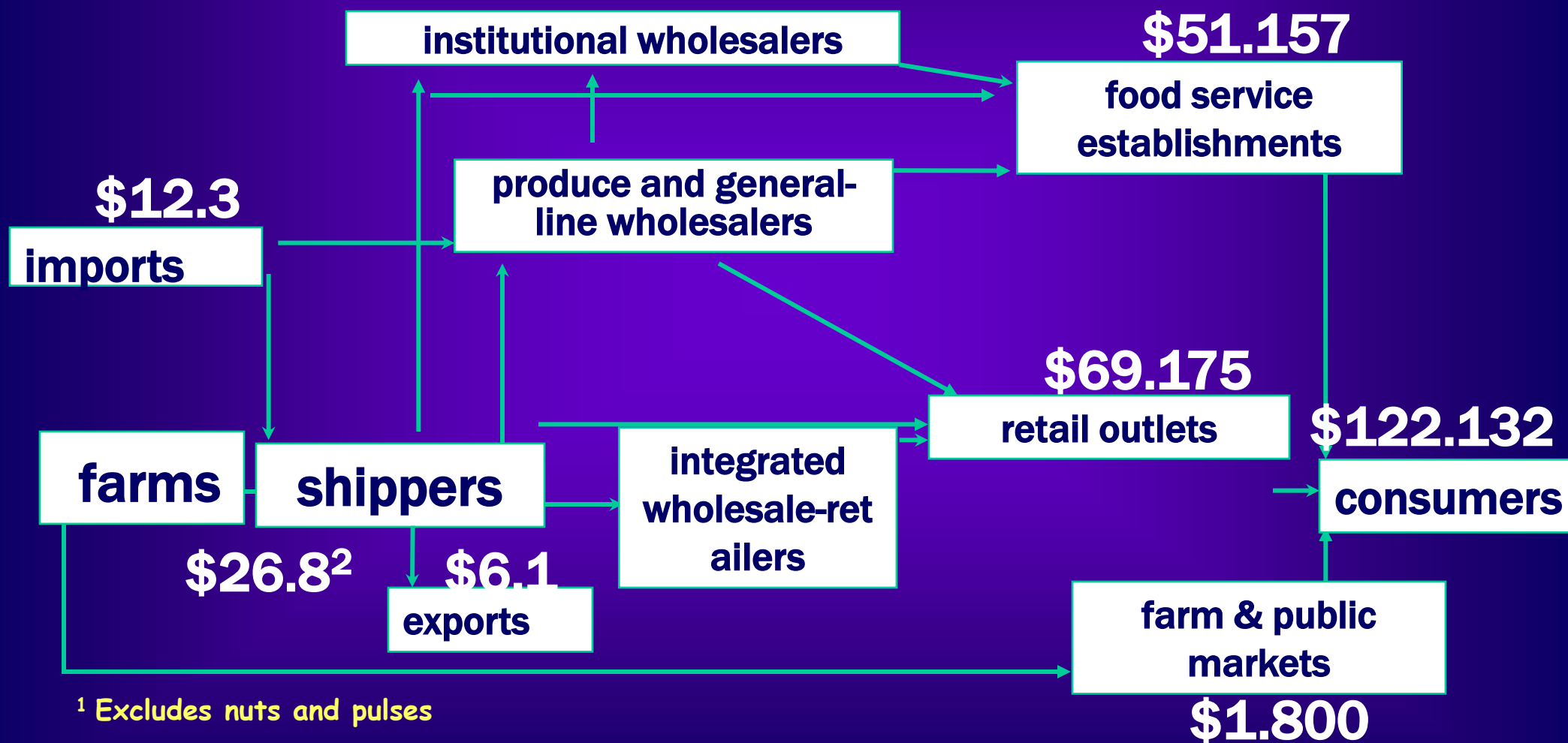
Sources: company annual reports and investor relations announcements compiled by Roberta Cook.

# Rethinking Optimal Store Sizes

- Today shoppers seek store formats with more defined value equations to meet specific trip need states - so less need for one-stop shopping formats.
- In a 55,000 s.ft. store nearly all of the sales contribution is achieved with 70% of the SKUs, most of the remainder lose money.
- Optimal store size may be 39,000 s.ft.
- Dominant model of one-stop shopping shifting to include smaller formats-experimentation; and new entrants - Tesco's Fresh & Easy model.

# Market Structure

# U.S. Fresh Fruit and Vegetable<sup>1</sup> Value Chain, Estimated Dollar Sales, Billions, 2010

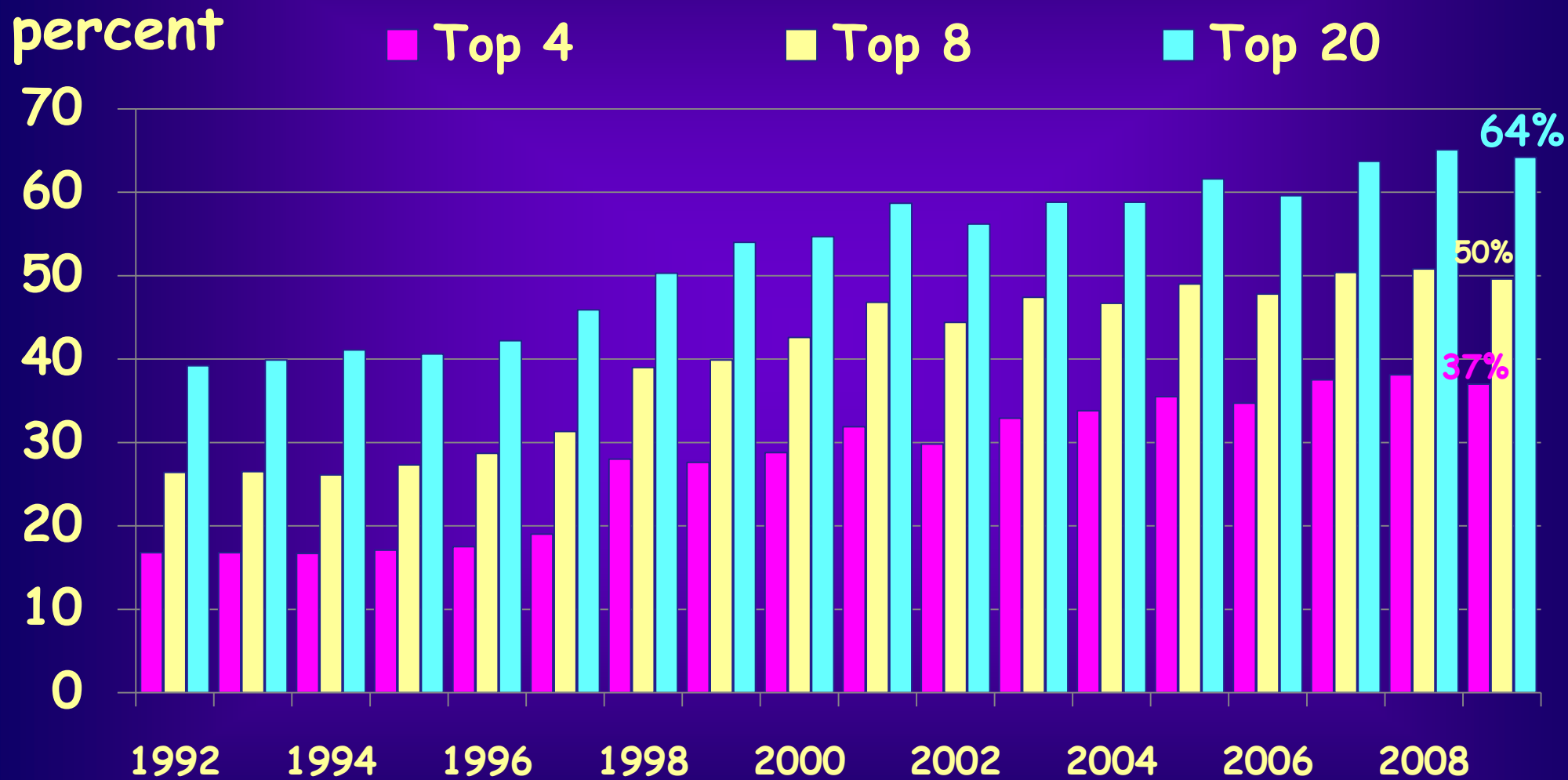


<sup>1</sup> Excludes nuts and pulses

Sources: Compilations by Kristen Park, Roberta Cook, and Edward McLaughlin based on U.S. Retail Census, ERS/USDA, NASS/USDA, U.S. Department of Commerce, and other data.

<sup>2</sup> This value is larger than the value reported in table 1 since it includes an estimated value for production not captured by NASS/USDA.

# Market Shares of Top 4, 8 and 20 U.S. Grocery Chains, Share of U.S. Grocery Sales Excluding Club Stores, 1992-2009



Source: Phil Kaufman, USDA/ERS, 2010.

## Estimated Number of USA Retail Chains, and Top 4 Share of Fresh Berry Grower-Shippers

Item	
Retail Chains (10 or more stores), 2010	138
<i>Retail Chains/Club Stores/Dollar Stores with 100 or more stores, 2010, actual</i>	40
US Blueberry Grower-shipper top 4 share of sales, 2011	around 40%
US Strawberry Grower-shipper top 4 share of sales, 2011	50%+
US Raspberry Grower-shipper top 4 share of sales, 2011	Almost 100%

# Consolidation of the Fresh Produce Value Chain

- Higher retail concentration levels have led to shipper consolidation; larger shippers are better equipped to offer services (incl. food safety, traceability, data-based sales and marketing support, consumer insights).
- Scale is increasingly important - investment capabilities and competitive wherewithal.
- Access to the top chains is controlled by large shippers, for berries these are increasingly shippers with the full berry line.
- Fewer, larger buyers have enabled leading shippers to reduce their customer lists and to focus more on understanding the needs of key accounts - becoming account-driven.

US Grocery Sales, Store Numbers and Market Share of Total Grocery Sales,  
by Store Format, 2010, and Projected Share, 2015

**Traditional Grocery Channel**

	2010 Sales \$Million	2010 No. of Stores	2010 % of Sales	2015 % of Sales
<b>Total Traditional</b>	<b>\$480,139</b>	<b>40,333</b>	<b>46.8</b>	<b>43.9</b>
Conven. Supermkt	\$412,200	26,583	40.2	34.1
Fresh Format	\$9,308	886	0.9	1.6
Ltd Assortment	\$27,096	3,567	2.6	4.6
Super Warehouse	\$19,694	596	1.9	2.4
Other (small groc.)	\$11,841	8,703	1.2	1.2

Source: The Future of Food Retailing, Willard Bishop, June 2011



**US Grocery Sales,\* Store Numbers and Market Share of Total Grocery Sales,  
by Store Format, 2010, and Projected Share, 2015**

**Nontraditional Grocery Channel**

	2010 Sales \$Million	2010 No. of Stores	2010 % of Sales	2015 % of Sales
<b>Total Nontrad'l</b>	<b>\$387,530</b>	<b>54,235</b>	<b>37.8</b>	<b>40.4</b>
Supercenter	\$174,457	3,504	17.0	20.3
Wholesale Club	\$85,618	1,319	8.3	9.1
Dollar Store	\$21,493	23,418	2.1	2.0
Drug	\$56,053	22,227	5.5	5.8
Mass	\$44,983	3,583	4.4	2.7
Military	\$4,925	183	0.5	0.5

\*Grocery sales only (includes food and non-food); excludes electronics, prescription drugs, toys, jewelry, sporting goods, gas, clothing, footwear, knickknacks, and hardlines.  
Source: The Future of Food Retailing, Willard Bishop, June 2011

# Top Factors in U.S. Consumer Selection of Primary Supermarkets 2011



\*Was 64% in 2007  
\*\*Was 55% in 2007

Source: FMI Grocery  
Shopper Trends 2011

# Top Twenty USA Grocery Firms: Grocery-equivalent Sales Only in US Market (not total firm sales), 2010

	Sales (million \$)		Sales (million \$)
1 Walmart	137.11	11 HE Butt	11.54
2 Kroger	64.06	12 Seven & I	8.26
3 Costco	32.48	13 Meijer	8.22
4 Safeway	28.46	14 Whole Foods Market	7.44
5 SuperValu	28.20	15 Giant Eagle	7.23
6 Publix	20.84	16 Dollar General	6.98
7 Ahold	19.61	17 Tengelman	6.88
8 Delhaize Group	15.78	18 BJ's Wholesale Club	6.49
9 Target	14.02	19 Winn-Dixie Stores	6.05
10 Aldi	12.27	20 The Exchange	5.80

Source: Planet Retail, online queries, October 2011.

# Information Technology

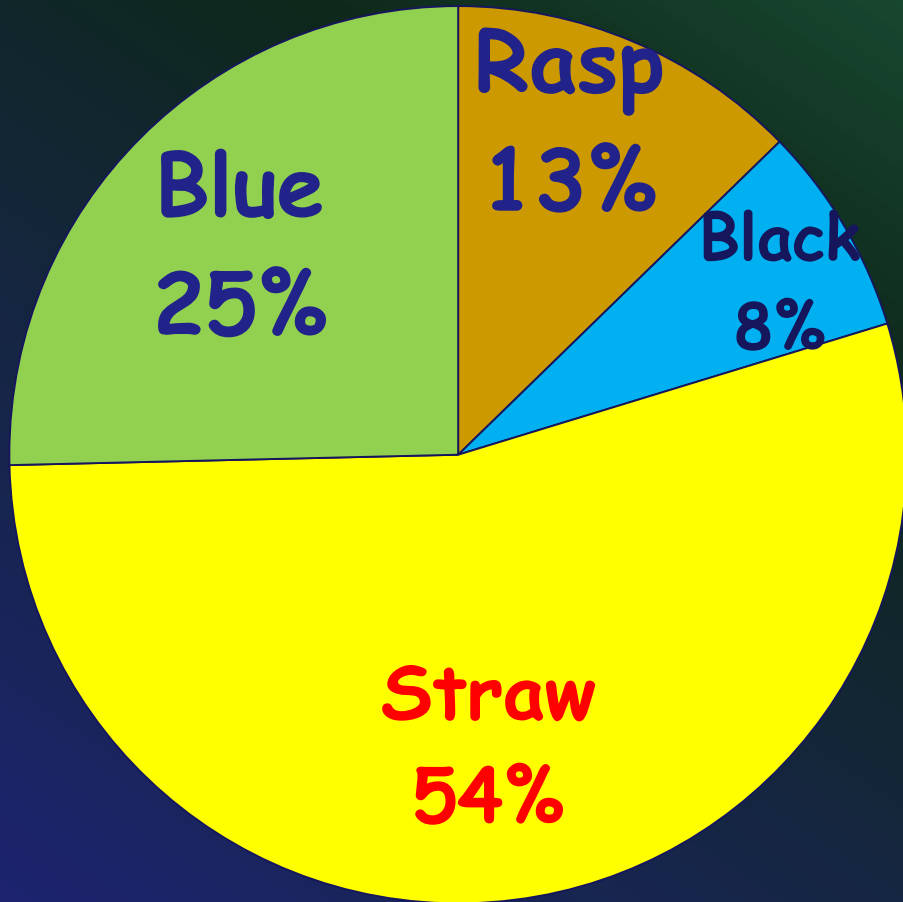
- Information technology, business intelligence will play a vital role at all levels of the value chain going forward.
- Firms embracing this may gain competitive advantages.
- This includes a better understanding of consumers and the tactics that increase consumption without sacrificing return for the commercial buyer or seller, e.g., promotional efficiency.
- SKU rationalization and store clustering are keys to better coordination of supply and demand, lower shrink and greater value chain efficiency - opportunities to achieve via retailer-vendor partnerships - but must be done leveraging best shopper data.

# USA Supermarket\* Berry Category

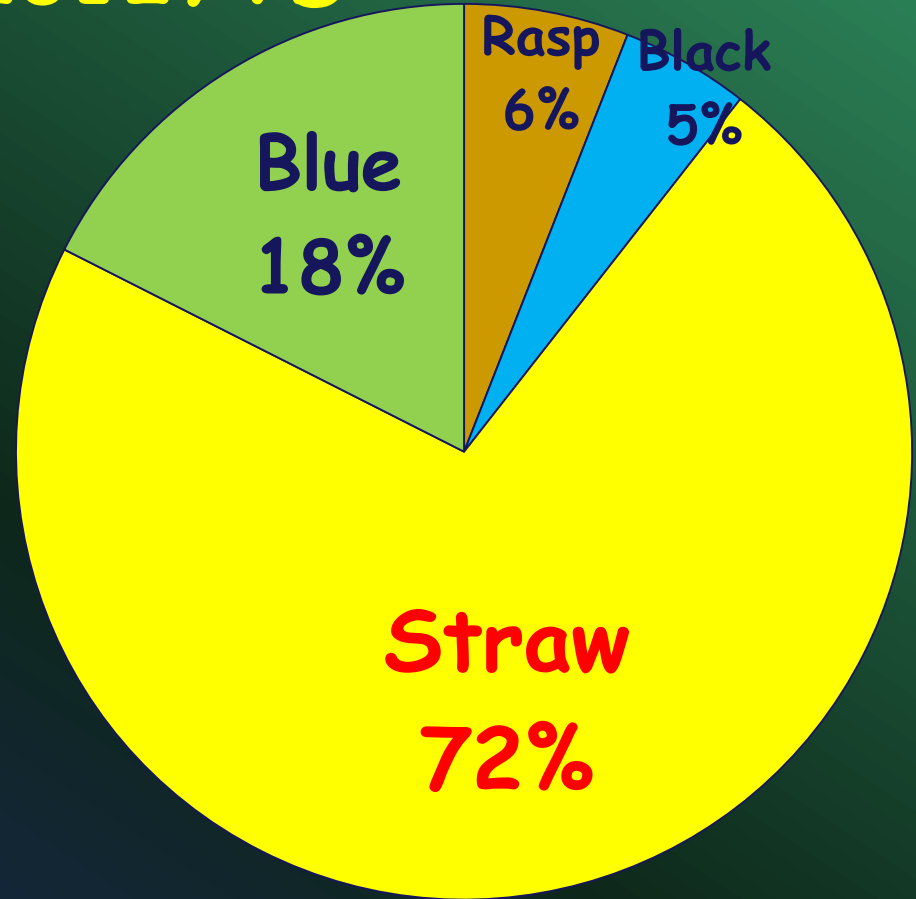
- Berries are now ranked #1 in total fresh fruit dollar sales and #5 in quantity, behind bananas, melons, apples and grapes.
- The berry category accounts for 18.9% of total fresh fruit dollar sales and 7.5% of quantity. (52 weeks ending 3-25-12, FreshLook Marketing).
- Strawberries are losing market share to the other berries but still lead the category in quantity sold.

\*A sample of supermarket retailers, and excludes club stores and supercenters

# Share of Total Berry Sales in Select USA Supermarkets, by Berry Type, Quantity and Dollars, 2012YTD



Dollars



Quantity

Source: Perishables Group, 52 weeks ending April 25, 2012 YTD.

# Berry Consumers

- Health/wellness, taste, convenience, and versatility of usage occasions are major drivers of demand.
- 52% of consumers said they purchased blueberries in 2011, up 5 points from 2010 (Fresh Trends 2012).
- Families with kids living in affluent suburban neighborhoods and cosmopolitan areas index extremely high for berries (see Spectra data at end of presentation).
- Older consumers in these same areas also index high.
- Income is positively correlated with berry consumption. As prices decline more consumers can be attracted to the product.
- Younger consumers are paying more attention to health and consuming more berries. This market needs to continue to expand because older consumers will be lost through attrition.

# USA Household Likelihood of Blueberry Purchase, 2011

## Household Income      Percent

< \$25,000	31
\$25,000-\$49,900	49
\$50,000-\$99,900	59
\$100,000+	64

## Household Age      Percent

21-39	54
40-49	51
50-58	46
59+	54

El ritmo de crecimiento económico tiene mucha influencia sobre la demanda para los arándanos y es importante atraer a consumidores jóvenes. De hecho el % de consumidores entre 21-39 ha estado subiendo.

Source: Fresh Trends 2012.



# Blueberry Trends

# USA Fresh Blueberries: Production, Consumption, Imports, and Exports, 1990-2011

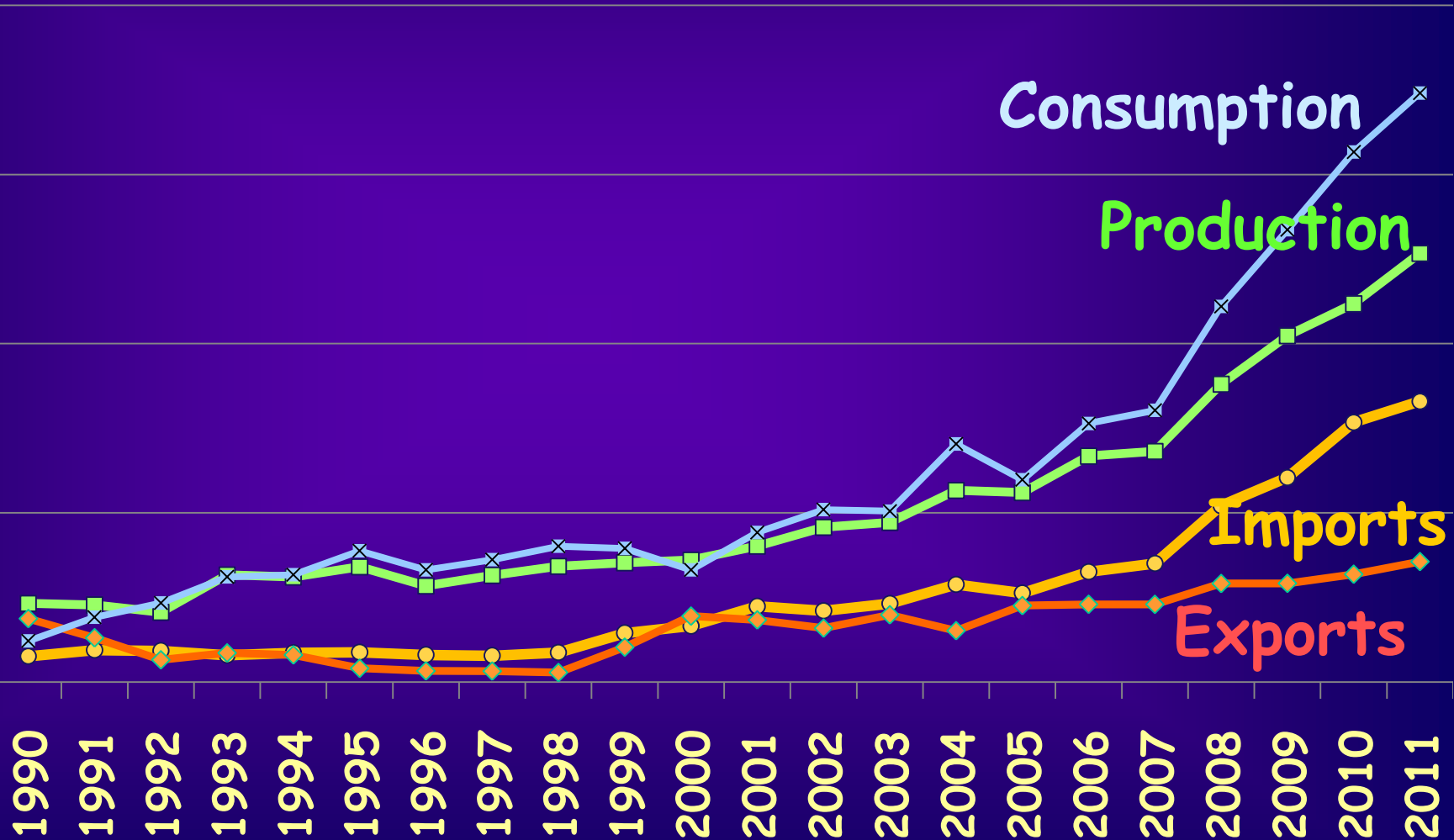
metric tons  
200.000

150.000

100.000

50.000

0



Consumption

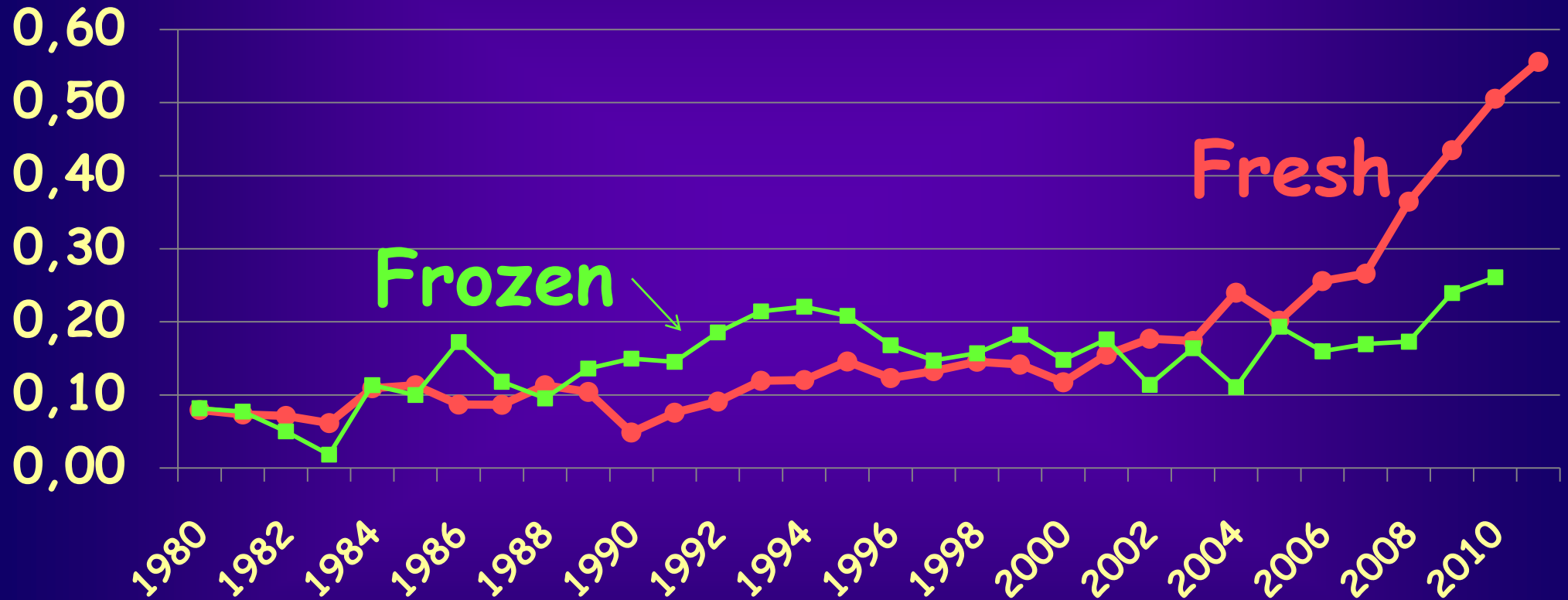
Production

Imports

Exports

# USA Per Capita Consumption of Fresh and Frozen Blueberries, 1980-2010 and Fresh Forecast 2011

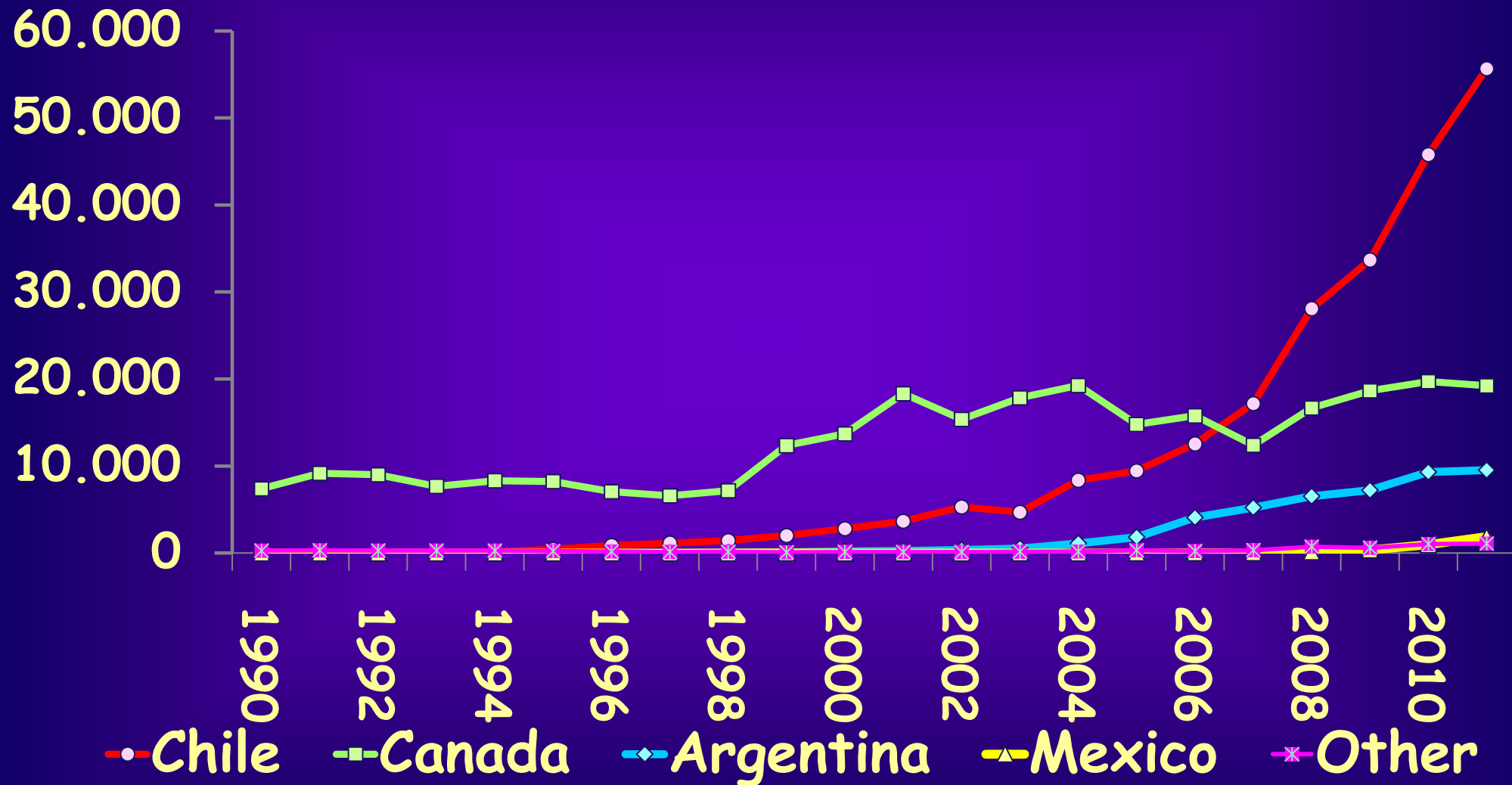
Kilos per capita



Sources: Fruit and Tree Nuts Yearbook, ERS/USDA, Oct. 2011 thru 2010; updated for fresh for 2011 by Roberta Cook, UC Davis.

# USA Fresh Blueberry Imports by Key Country of Origin, 1990-2011

Metric Tons



Source: GATS/FAS/USDA online data queries.

# US Fresh Raspberry Imports by Key Country of Origin, 1990-2010 (Mexico displaced Chile)

Mt tons

16.000

14.000

12.000

10.000

8.000

6.000

4.000

2.000

0

1990

1992

1994

1996

1998

2000

2002

2004

2006

2008

2010

Canada

Chile

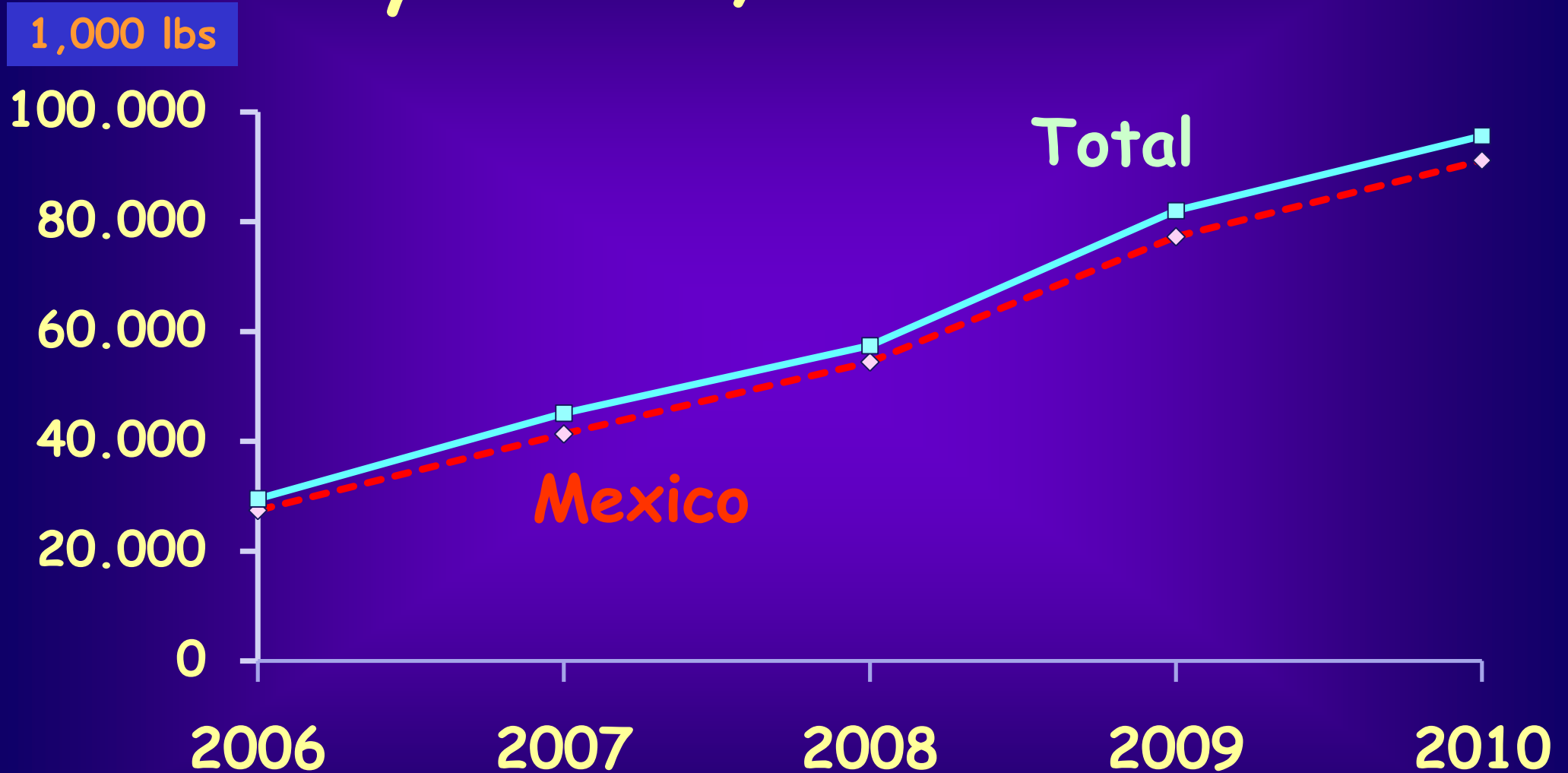
Guatemala

Mexico

Source: GATS/FAS/USDA online data queries.



# U.S. Fresh Blackberry Imports by Source, 2006-2010



Source: GATS/FAS/USDA online data query.

## North American Highbush Blueberry Production by Key Region, 2011, Metric Tons

<u>Region</u>	<u>Fresh</u>	<u>Process</u>	<u>Total</u>	<u>Share of Total Fresh</u>	<u>Share of Total</u>
Midwest	17,191	19,051	36,242	11%	15%
Southern	42,456	17,237	59,693	28%	24%
Western	69,400	52,617	122,016	46%	49%
Northeast	23,133	6,804	29,937	15%	12%
<b>Total</b>					
<b>US/Canada</b>	<b>152,407</b>	<b>95,708</b>	<b>248,115</b>	<b>100%</b>	<b>100%</b>

61% of the total is fresh.

# Blueberry Supply Trends

- There is also a lowbush (wild) industry in Maine and northeastern Canada (102,500 metric tons in 2011 with only 680 MT for fresh market). Not a factor for Chile, Florida or California for fresh but is for frozen.
- So, total of 350,500 metric tons N. American (NA) production, highbush and wild, fresh and processed.
- USA harvested acreage was 29,150 hectares (72,000 acres) in 2010 (NASS/USDA, March 2012).
- USA blueberry production grew about 6-fold 1980-2011. Fastest growth in west and southeast.



# Blueberry Supply Trends

- Dual usage highbush producers (BC, MI, NJ, OR, WA, GA, NC) are important to industry dynamics. California also becoming a dual usage producer.
- Projected western hemisphere highbush blueberry production could reach 662,354 metric tons by 2016 (fresh and processed) according to John Shelford, incl. :
  - northern hemisphere, 436,428 MT (up 76% from 2011), and
  - southern hemisphere, 226,380 MT.

# US Highbush Blueberry Production, Southern Region, 2011, Metric Tons

<u>Southern Region</u>	<u>Fresh</u>	<u>Process</u>	<u>Total</u>
Alabama	136	-	136
Arkansas	227	-	227
Florida	9,979	454	10,433
Georgia	16,329	10,433	26,762
Louisiana	454	-	454
Mississippi	1,361	2,722	4,082
North Carolina	13,154	3,629	16,783
Texas	680	-	680
Others 3/	136	-	136
Sub-Total	42,456	17,237	59,693

# USA and Canadian Highbush Blueberry Production, Western and Northeastern Regions, 2011 (NABC Estimate), Metric Tons

<u>Western Region</u>	<u>Fresh</u>	<u>Process</u>	<u>Total</u>
British Columbia	24,948	20,412	45,359
Oregon	14,061	4,990	19,051
California	16,329	13,154	29,483
Washington	14,061	14,061	28,123
Sub-Total	69,400	52,617	122,016
<u>Northeast Region</u>			
New Jersey	20,865	6,804	27,669
New York	907	-	907
Ontario	907	-	907
Others 2/	454	-	454
Sub-Total	23,133	6,804	29,937

# USA Highbush Blueberry Production, Midwestern Region, 2011, Metric Tons

	<u>Fresh</u>	<u>Process</u>	<u>Total</u>
<u>Midwest Region</u>			
Illinois	680	-	680
Indiana	907	-	907
Michigan	15,422	19,051	34,473
Others 1/	181	-	181
Sub-Total	17,191	19,051	36,242

# Blueberry Generic Promotion

- The US Highbush Blueberry Council (USHBC) is a national marketing order assessing both domestic production and imports to conduct marketing and research for the benefit of both fresh and processed highbush blueberries.
- The assessment rate is \$12/ton; the blueberry industry did not approve a recent initiative to increase the assessment rate to \$18/ton but overwhelmingly approved a renewal referendum.
- USHBC is funding important ongoing research demonstrating the health benefits of blueberries. Results to date have generated high consumer awareness of multiple benefits, driving demand.

# Blueberry Generic Promotion

- The promotion programs support demand expansion in retail, foodservice, including schools, new product development in the processed industry (1400 new products with blueberries introduced in 2010), and export markets.
- The USHBC is expanding its target markets to include younger females (25-45) while still supporting its core group of females >45 yrs.
- A new brand was rolled out in 2011: Little Blue Dynamos. <http://www.blueberrycouncil.com/>

# Blueberry Generic Promotion

Social media is a tool with over 47,000 followers on Facebook and growing.



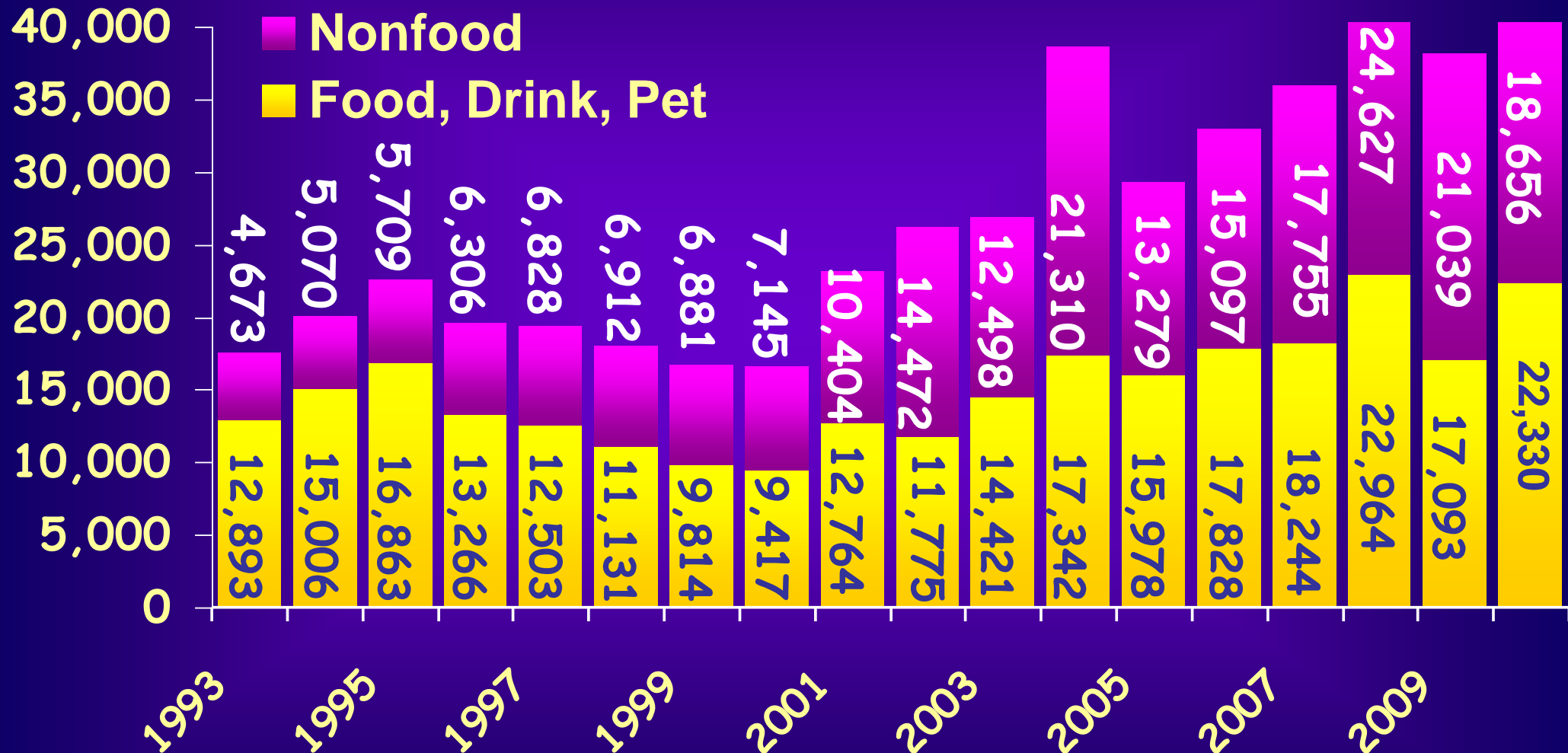
# Blueberry Generic Promotion

- USHBC spent \$2.2 million in 2011 on promotion out of a total budget of \$4.5 million. The forecast promotion budget for 2012 is \$2.8 million (\$4.6 million total budget).
- An evaluation of the promotion program by Harry Kaiser\* of Cornell showed:
  - An average benefit-cost ratio of 9.12.
  - The average grower price would have been 3.8 cents/kg (7.2%) lower from 2001-09 than it actually was - without the program.

\*An Economic Analysis of Domestic Market Impacts of the U.S. Highbush Blueberry Council, Aug. 4, 2010.



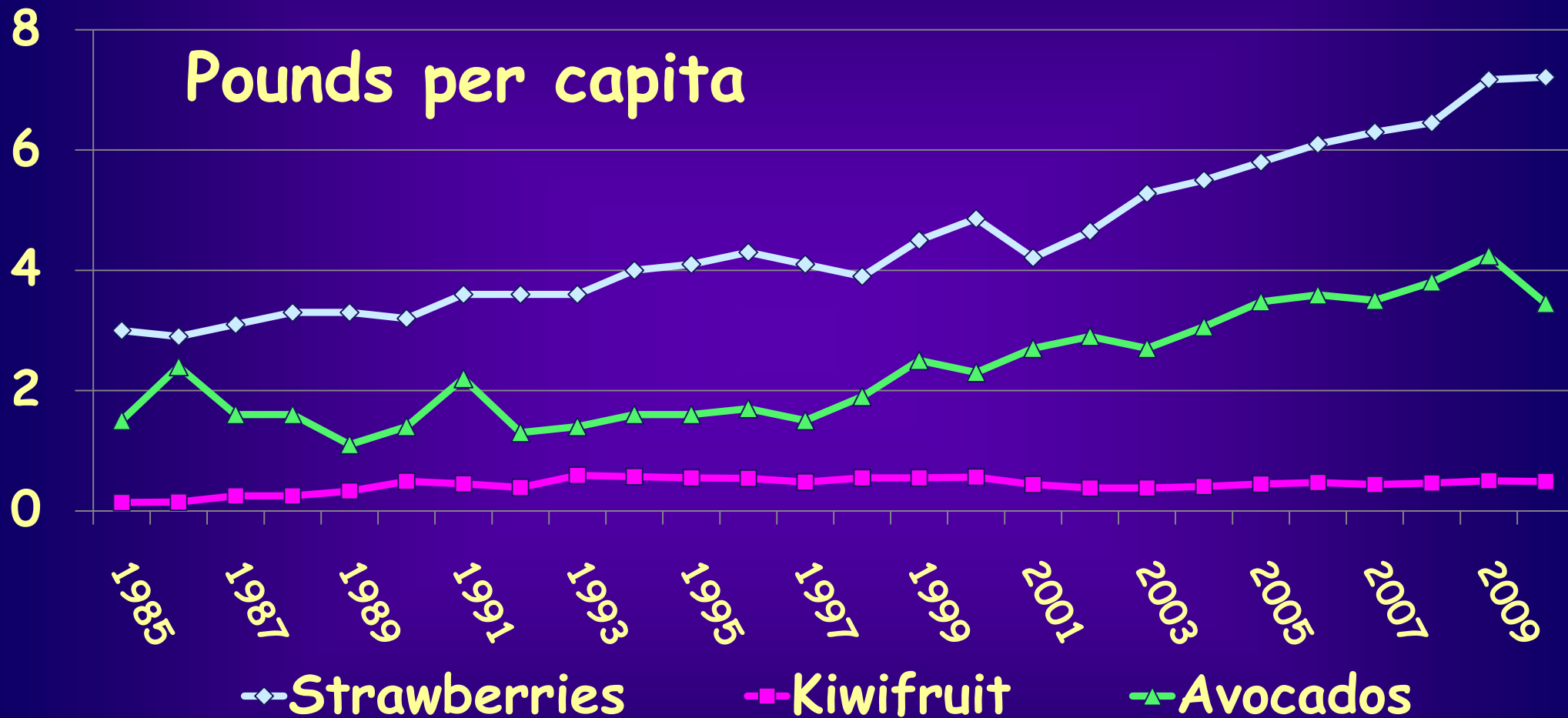
# U.S. Grocery Industry New Product Introductions, 1993-2010 (and over 80% fail!)



Sources: Mintel's Global New Product Development Database for 2008-2010; earlier years various Food Institute Reports.

# U.S. Per Capita Consumption of Selected Fresh Fruit 1985-2010

(all have positive health messages, and all but kiwis have generic promotion\*)



Source: Fruit and Tree Nuts  
Yearbook, ERS/USDA, 10-28-2011

\*But kiwis slashed generic promotion in the late 90's and were unable to sustain growth and capitalize on a positive health message.

# McDonald's Introduces Oatmeal with RTE Fresh Blueberries: blueberry banana nut oatmeal (May 2012)








# Some Important Berry Trends

- Major changes in fresh berry trade patterns include:
  - 1) the emergence of Mexico as a replacement for Canada, Chile and Guatemala for raspberries
  - 2) Mexico's powerhouse role in blackberries
  - 3) Chile's emergence as a replacement for Canada for blueberries.
- Central Mexico offers proximity to the US market and temperate conditions year-round; the development of the black and rasp industry there is creating an important economic cluster led by key USA and Chilean shippers, generating interest in strawberries and blueberries.
- Mexico is just entering the blueberry industry, and some estimate that area planted is over 2500 hectares with half less than 3 yrs in the ground.

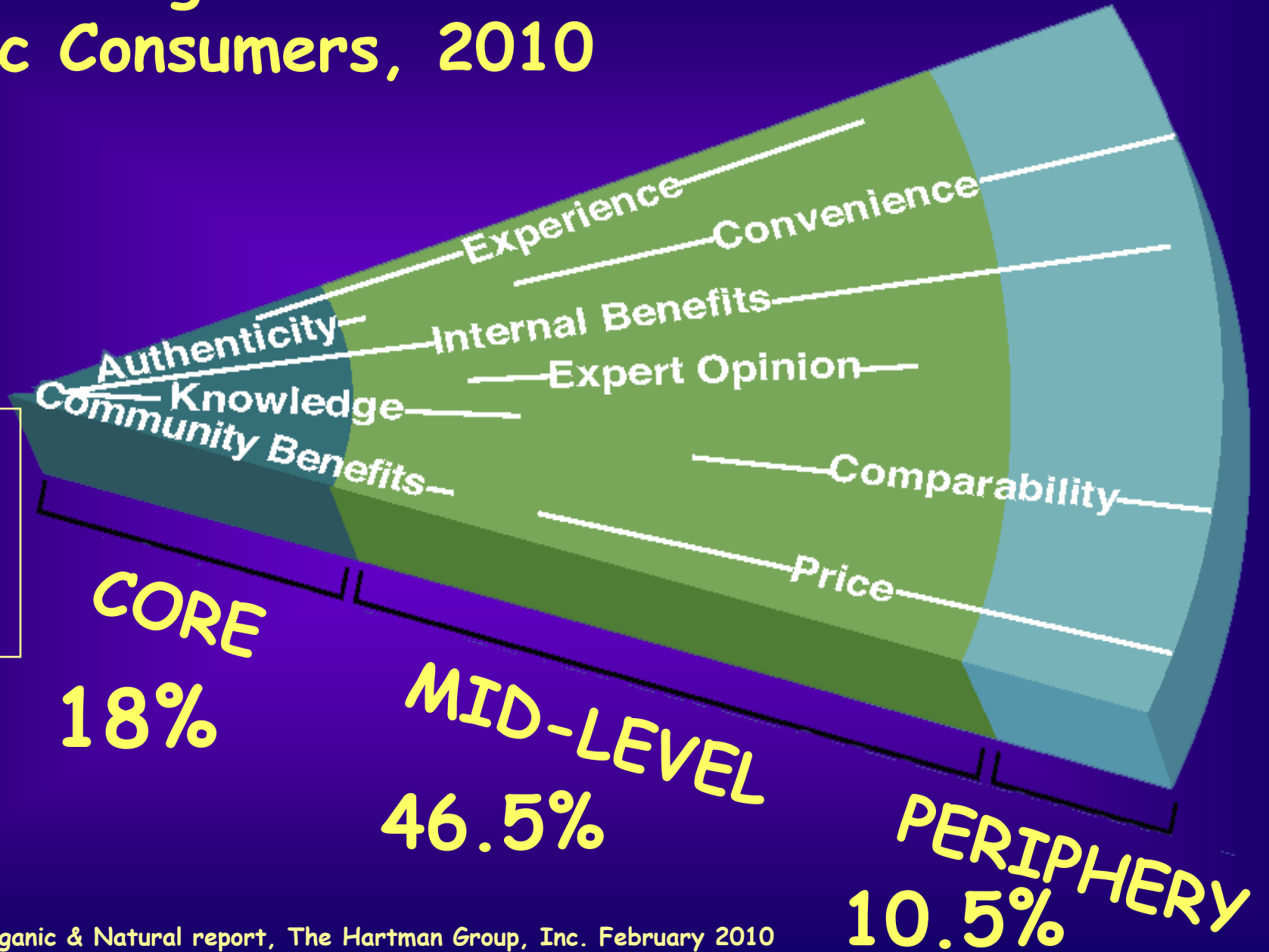
# Understanding Consumers

Over the past decade, consumers have been redefining quality across virtually every food and beverage category

Yesterday	Today	Emerging
Scientific 	Organic, natural	
Processed 	Fresh / less processed	
Industrial 	Local, personal	
Engineered 		Real, authentic
For personal health 		For personal wellness For community health

# Hartman Organizes the World of US Organic Consumers, 2010

25%  
don't  
purchase  
organics

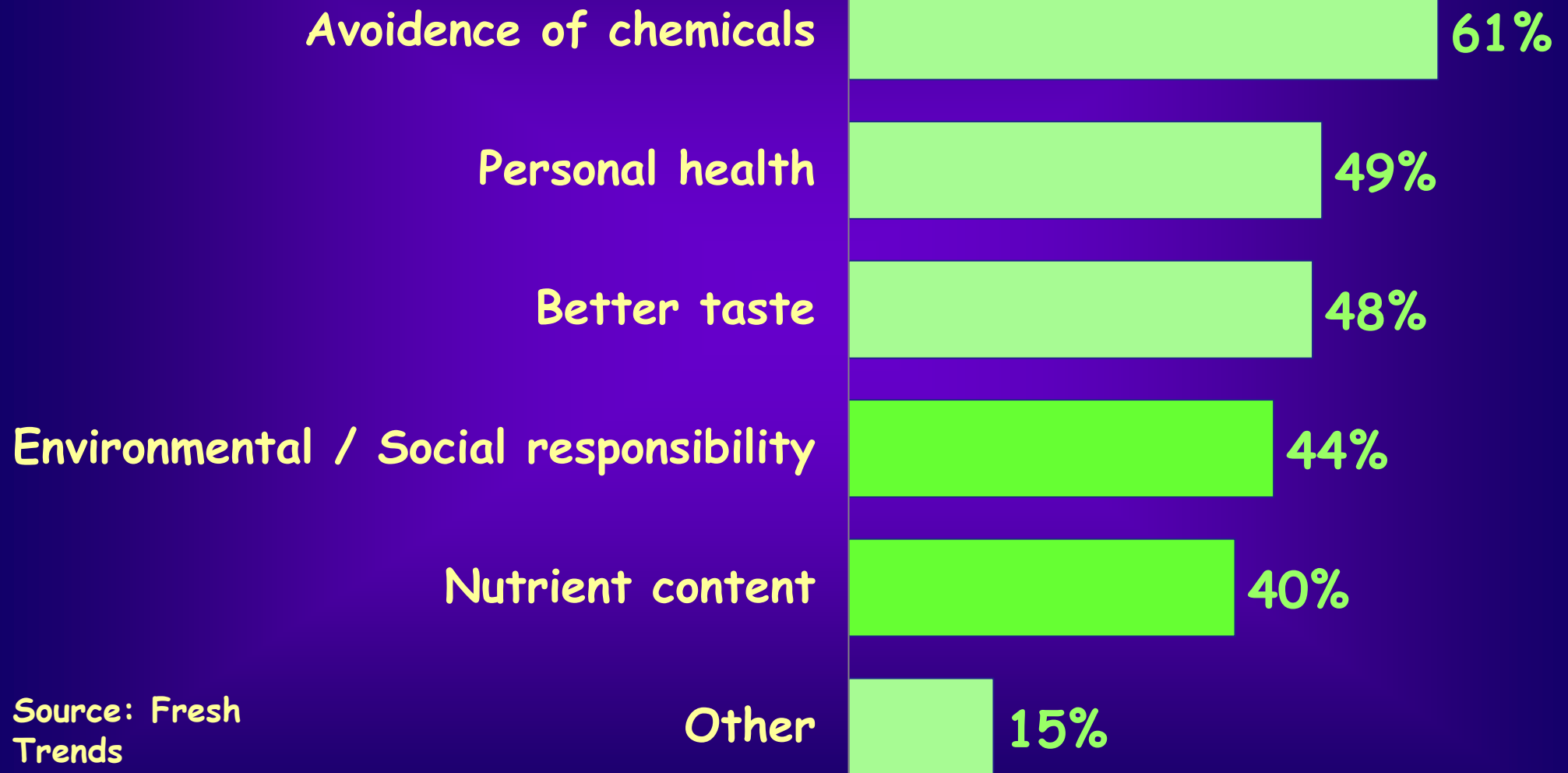


# US Organic Fresh Produce Sales, 2011

- The organic fresh produce category accounts for about 4.5 percent of supermarket fresh produce sales according to the Perishables Group.
- Organic berries account for 6% of total berry dollar sales and 4% of quantity.\*
- Organic blueberry sales are 6% of total blueberry dollar sales and 3% of quantity in a sample of select supermarkets.\*



# US Consumer Reasons for Buying Organic Fresh Produce, 2011



Source: Fresh Trends 2011, Vance Publishing

# Positioning for Success: Understanding Consumers and Retail-Supplier Strategic Partnerships

# For suppliers: How are you positioned?

- Customer Rationalization
- Who are the most profitable?
- Who have significant growth potential?
- Who don't we sell? Why?
- Can we get to customer specific P&L's?
- How are we investing time and resources?
- Positioned for emerging independents, ethnic markets and price impact stores?

# Becoming Marketing-Driven

- Becoming customer-centric.
- Understanding that you will get there faster if you work together.
- Next level is to become consumer-centric.
- Consumer-centrism will increasingly be achieved via supplier-customer partnerships.
- Suppliers and customers must choose strategic partners - align with those who will succeed in the marketplace.
- Growers should receive higher returns over time if they market through the wide-line berry shippers that have the key accounts and are leaders in the marketplace.
- Selling through brokers and wholesalers contributes to market fragmentation, disorderly markets and downward pressure on prices.

# Conclusions

- Suppliers and buyers (retail or foodservice) who partner together to identify mutually beneficial actions may gain a competitive advantage in their respective markets
- Successful partnerships are likely to be based on achieving logistical or operational efficiencies and/or consumer insights that get **THE RIGHT PRODUCT TO THE RIGHT CONSUMER AT THE RIGHT TIME**
- Getting a handle on “meaningful” consumer segments that can be effectively targeted is challenging but today smaller segments may be reached more cost-effectively with “new media” - *how* to achieve this is a challenge

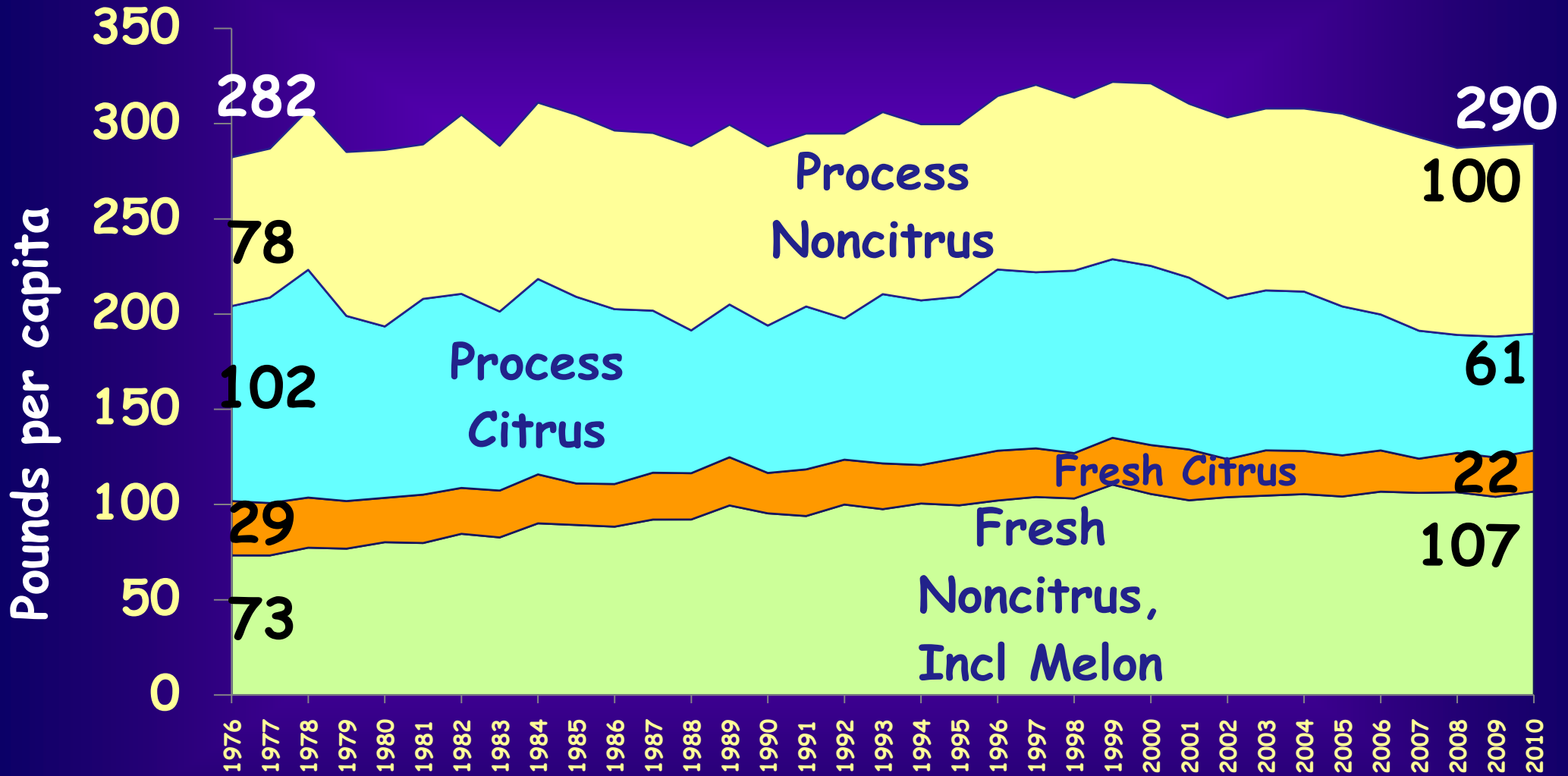
# Conclusions

- Investments in information technology are critical to both streamlining the supply chain and firm level efficiency
- Costs of meeting certification requirements of various types will grow along with public expectations about ways of doing business
- Vertical coordination can better match supply and demand (meaning a profitable market-clearing price for efficient growers)
- Effective positioning requires understanding the fundamentals of the rapidly evolving food and fresh produce distribution system!

# Supplemental Information

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# US Per Capita Fruit Disappearance/Consumption, Including Melons, Pounds 1976-2010

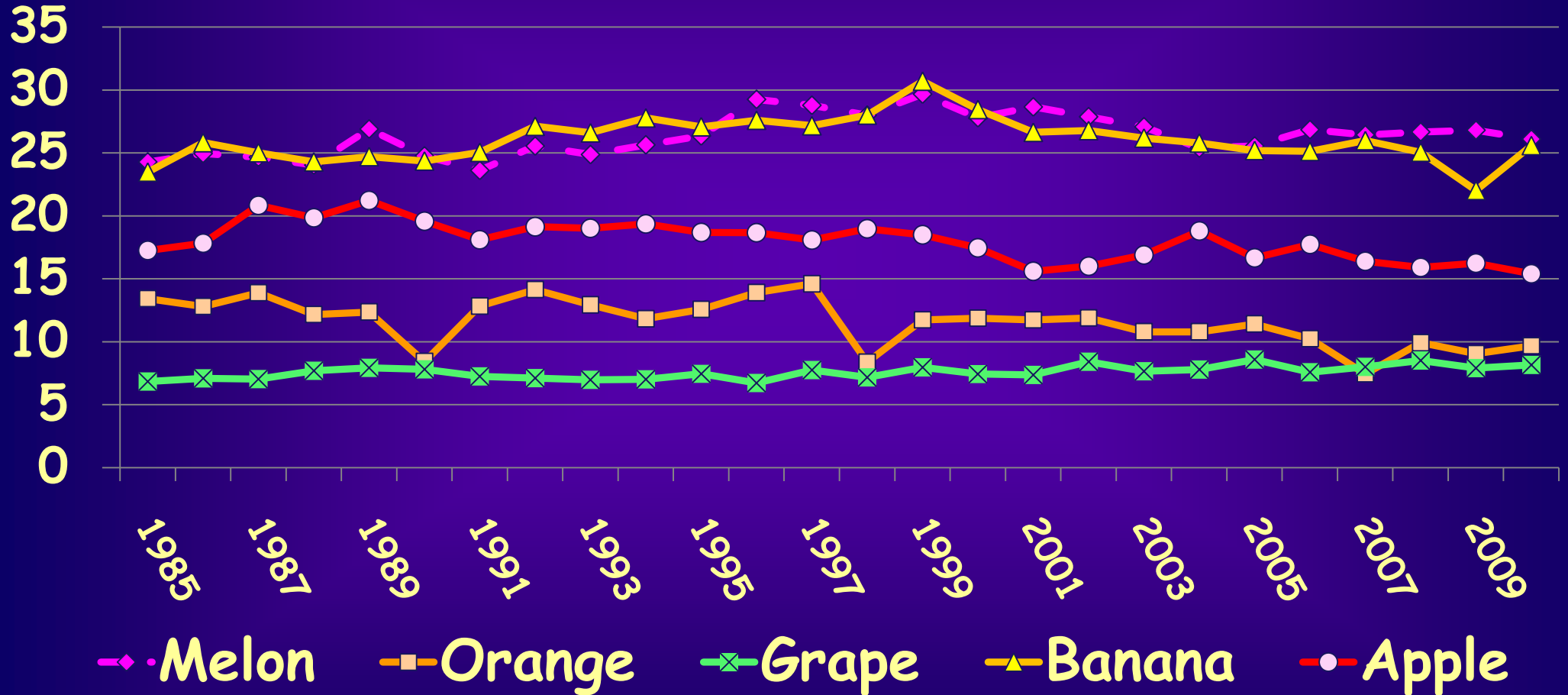


Source: Fruit and Tree Nuts Yearbook, ERS/USDA, 10-28-11, adjusted to include melons from Vegetables and Melons Situation and Outlook Yearbook, ERS/USDA, May 2011.



# U.S. Per Capita Consumption/Utilization of Selected Fresh Fruit 1985-2010

pounds per capita

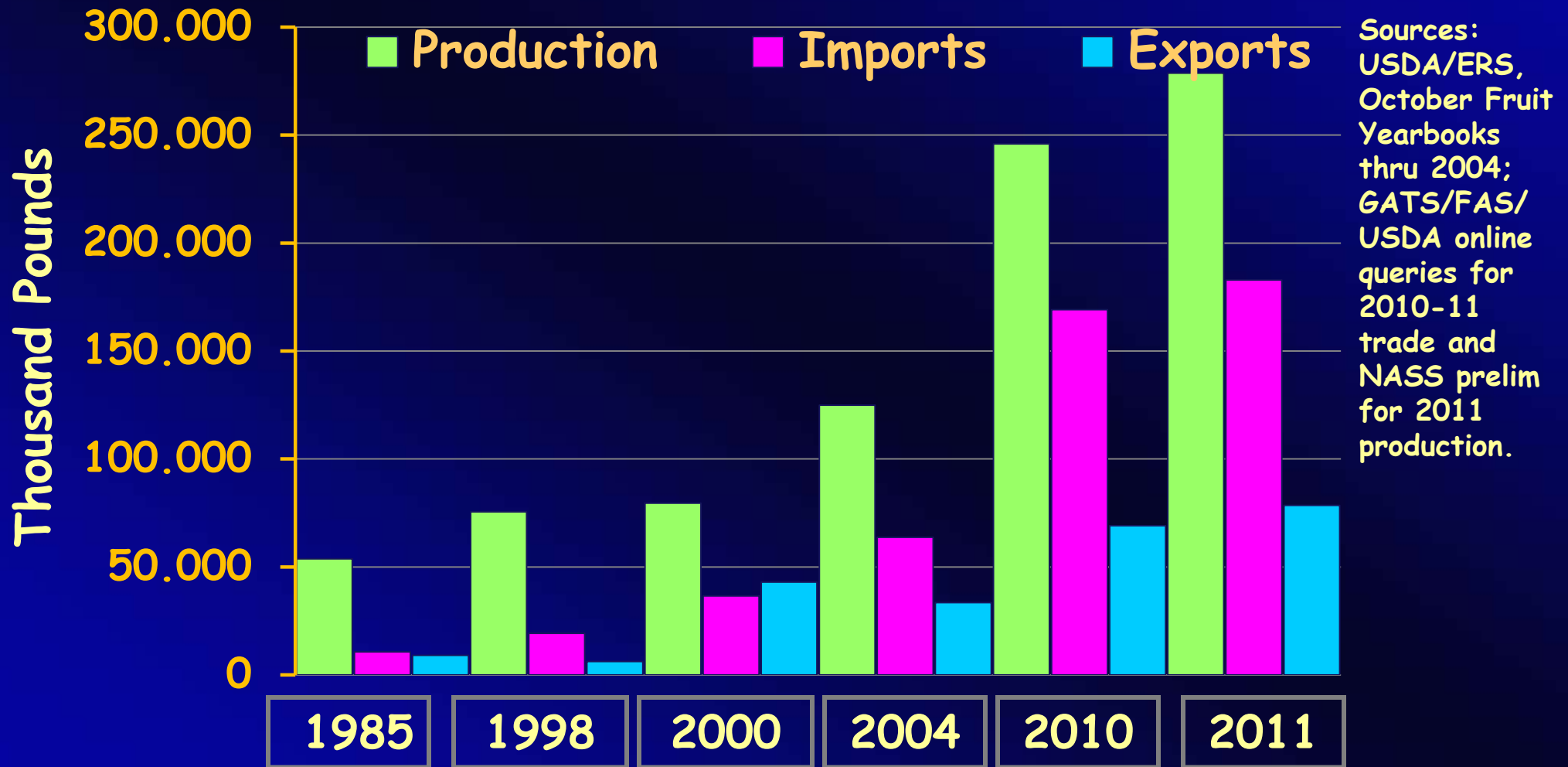


Source: Fruit and Tree Nuts Yearbook, ERS/USDA, 10-28-11

# Key Berry Trends

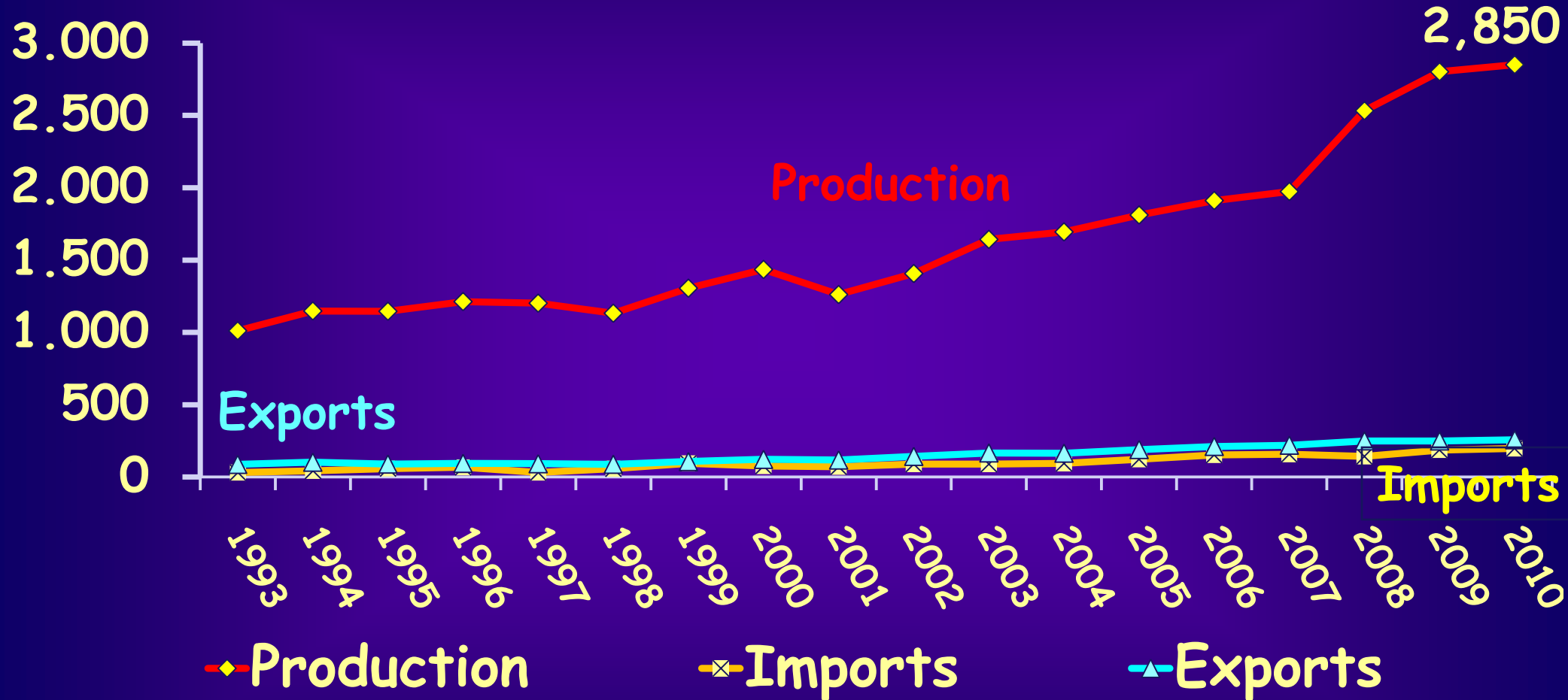
262,000 acres of berries planted in  
the US, 2007 Ag Census

# U.S. Fresh Blueberries (Highbush): Production, Imports & Exports, 1,000 Pounds, Selected Years



# US Fresh Strawberry Production and Trade, 1993-2010<sup>1</sup>: Not import dependent but imports from Mexico growing

Million lbs



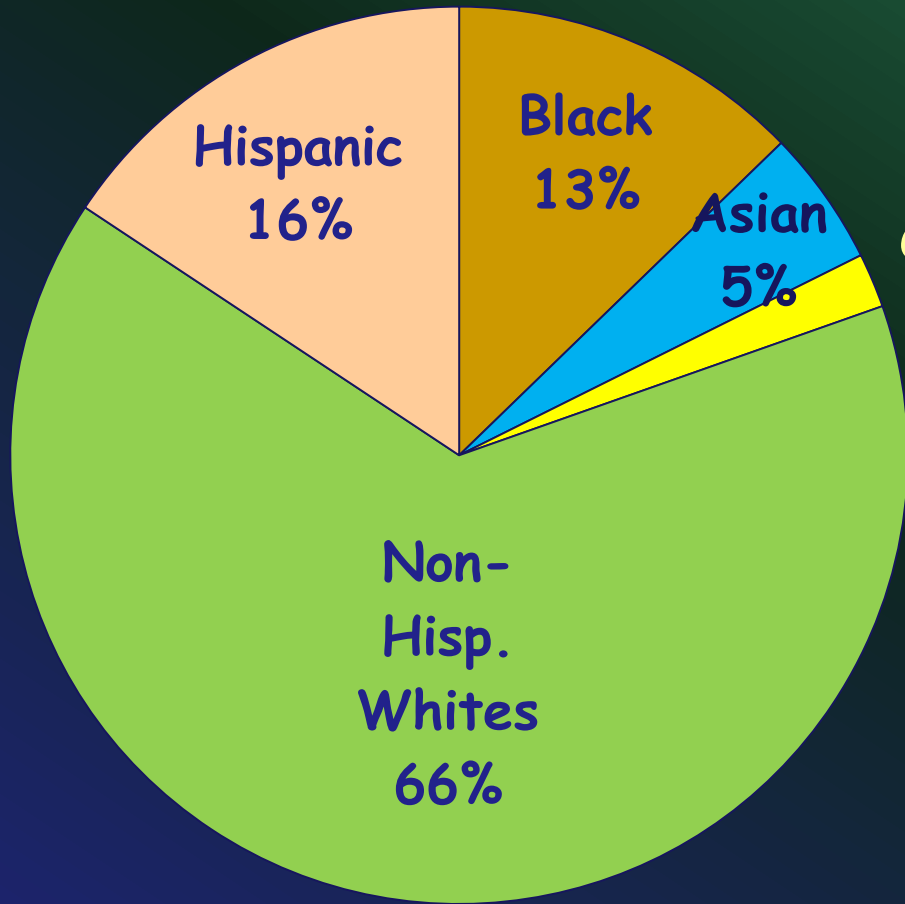
Sources: ERS/USDA Fruit and Tree Nut Situation and Outlook Yearbook, Oct. 2010 for production through 2007; NASS/USDA Noncitrus Fruits and Nuts 2010 Summary, July 2011 for production 2009-2010; GATS/FAS online queries for trade data. <sup>1</sup> Includes processed.

# US Strawberry Production, by Key State, 2009

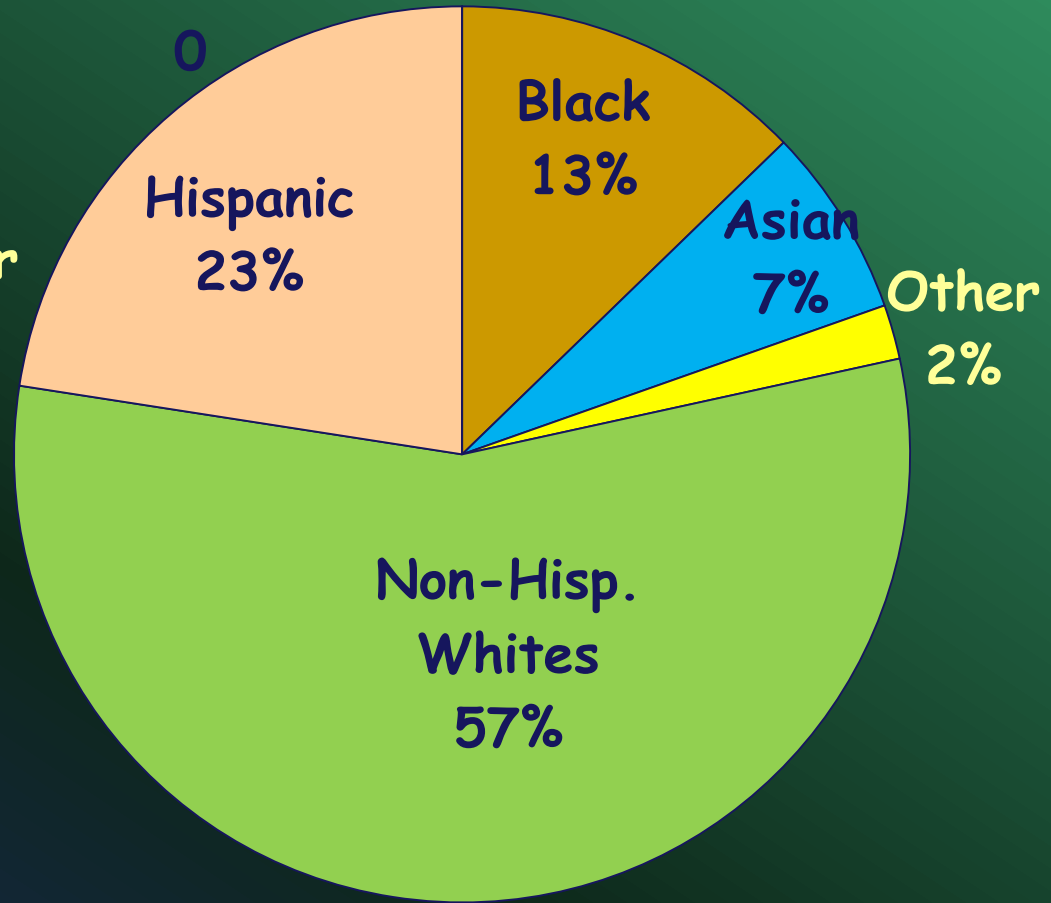
State	Acreage	Production Million Pounds	Share of Production, %
California	39,800	2,485.6	88.7%
Florida	8,800	237.6	8.5%
Oregon	1,700	21.1	0.8%
Washington	1,500	14.3	0.5%
Other	6,280	42.7	1.5%
<b>Total USA</b>	<b>58,080</b>	<b>2,801.3</b>	<b>100%</b>

Source: USDA/ERS online dataset.

# Projected US Population

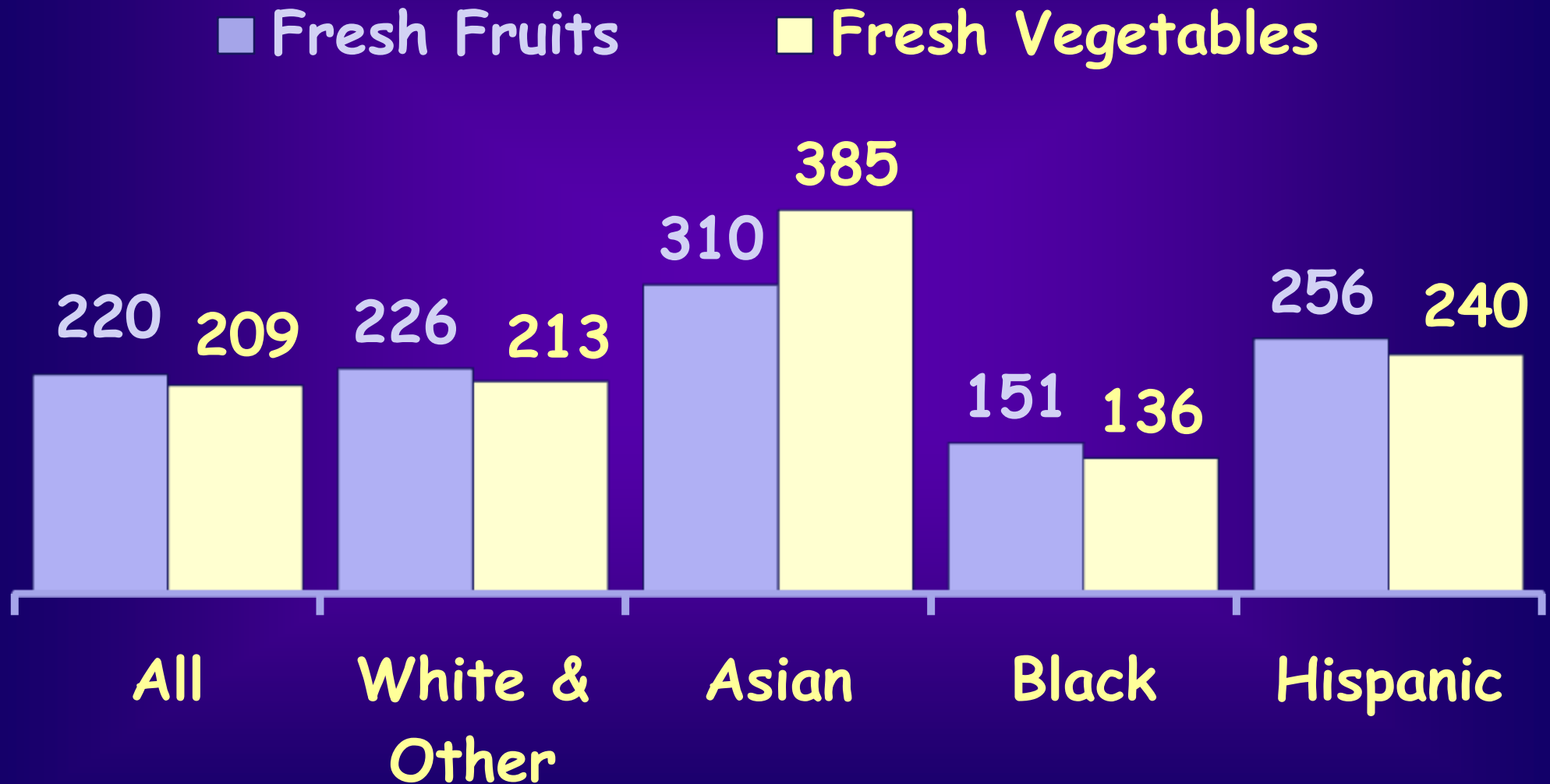


2010 **310.233 million**



2030 **373.504 million**

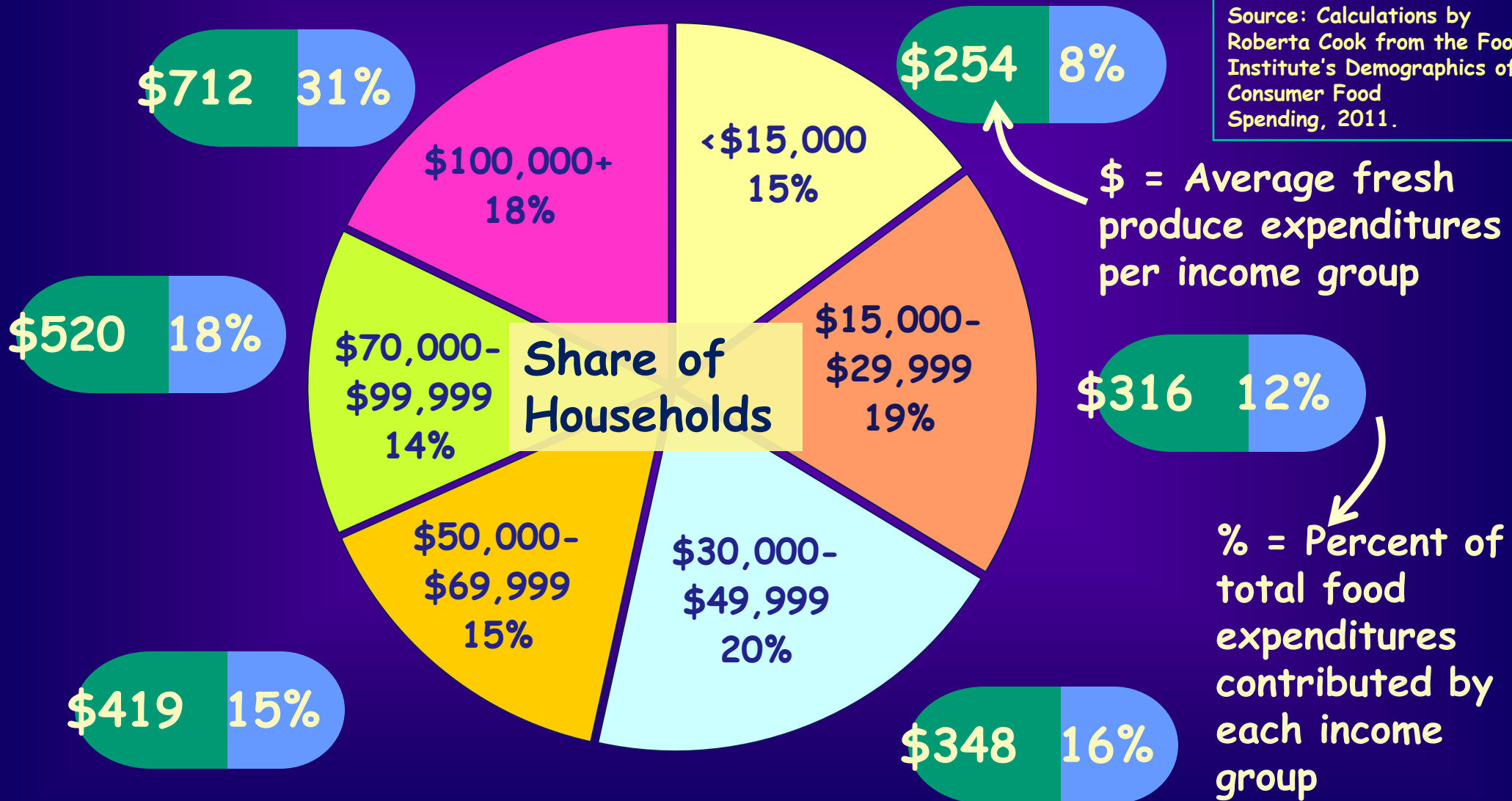
# Average Annual Household Expenditures (dollars): Fresh Produce Expenditures by Race, 2009



Source: Food Institute's Demographics of Consumer Food Spending, 2011.

# 2009 Distribution of U.S. Households by Income Level, Share of Total Food Expenditures/Income Level & Ave. Fresh Produce Expenditures/Income Level

Source: Calculations by Roberta Cook from the Food Institute's Demographics of Consumer Food Spending, 2011.





# Why Retailers Love Berry Consumers? They Spend Money

Behavior / Stage	LIFESTYLE						Total	% HHs Top Stores		
	Very High 150+	High 120-149	Low 1-50	Affluent Suburban	Comfortable Country	Struggling Urban Cores			Modest Working Towns	Plain Rural Living
Start-up Families HHs with young children only <6	143	219		101		29	41	11	108	9.3%
Small Scale Families Small HHs with older children 6+	130	205		90		26	37	9	97	8.9%
Younger Bustling Families Large HHs w/ children (6+), HOH <40	120	199		82		27	36	8	86	5.9%
Older Bustling Families Larger HHs w/ children (6+), HOH 40+	147	223		106		33	46	10	127	13.9%
Young Transitionals Any size HHs, no children, <35	147	207		100		33	41	12	90	9.6%
Independent Singles 1 person HHs, no children, 35-64	143	203		100		30	41	11	93	11.6%
Senior Singles 1 person HHs, no children, 65+	131	196		91		31	42	10	82	7.4%
Established Couples 2+ person HHs, no children, 35-54	139	204		96		29	39	9	102	11.2%
Empty Nest Couples 2+ person HHs, no children, 55-64	139	210		99		28	39	8	112	11.5%
Senior Couples 2+ person HHs, no children, 65+	132	202		91		28	38	8	97	10.8%
<b>Total</b>	<b>139</b>	<b>208</b>		<b>96</b>		<b>30</b>	<b>40</b>	<b>9</b>	<b>100</b>	
Percent Households Top Stores	20.8%	49.6%		17.2%		3.1%	8.0%	1.2%		

Source: Perishables Group FreshFacts® Powered by Nielsen.

# Reasons for purchasing locally grown produce, 2011

Freshness	83%
Support the local economy	68%
Taste	56%
Like knowing source of product	40%
Price	35%
Nutritional value	30%
Environmental impact of transporting food across great distances	27%
Appearance	27%
Long-term health effects	15%

Source:  
US Grocery  
Shopper  
Trends  
2011, FMI

# Supply Chain Imperatives

- Streamlining the supply chain, improving vertical coordination, involves identifying mutually beneficial strategies and tactics, e.g., promotions, packaging, logistics
- Identifying which activities add more value than cost
- Eliminating non-value-adding activities
- Decreasing internal operational inefficiencies - due to lack of ERP's and underutilization of BI they are often hidden or not considered important enough to attract attention in more favorable markets - but with margin squeeze they count
- Sustainability/social responsibility goals, metrics and verification will become more important and firms will seek competitive advantages
- The same goes for traceability and food safety expectations and requirements; foodservice has led in food safety; and there is a growing and more active government role

# Estimated Ranges of Losses in the U.S. Fresh Produce Distribution System

<u>Distribution Activity</u>	<u>Percent Losses</u>
Transportation	2.80 - 5.00
Wholesaling	2.50 - 5.03
Retailing	2.74 - 6.58
System losses	9.04 - 16.61

Update: 2010  
Guestimate by  
Roberta Cook,  
Preliminary:  
9-12% or \$11-15  
billion.

Source: Pierson, Thomas R., Allen, John R. and McLaughlin, Edward W., "Produce Losses in the U.S. Food Distribution System," *MSU Agricultural Economics Report*, 1983.

Percentage losses are based on dollar values of losses in each phase of distribution as a % of the wholesale value of products entering the distribution system.

# Walmart Grocery and Fruit and Vegetable U.S. Sales, by Format, 2010 (million \$)

<u>Banner</u>	<u>Fruit &amp; Veg.</u>	<u>Groceries</u>	<u>Fruit &amp; Veg. Share</u>
Supercenter	\$9,666.4	102,652.1	9.4%
Sam's Club	2,418.9	24,406.2	9.9%
Walmart	0.0	7,991.5	0%
Walmart Market	264.8	1,999.0	13.2%
Supermercado	4.4	34.8	12.7%
Marketside	4.7	24.5	19.3%
Total All Formats	12,359.2	137,108.1	9.0%

Source: [www.planetretail.net](http://www.planetretail.net), online queries September 2011.

# Walmart Global Sustainability and Social Responsibility

- Aims to cut food waste by 15% in its emerging market stores and clubs and by 10% in the U.S. and other developed markets.
- Walmart Market (previously trading as Neighborhood Market) will range in size from 30,000 to 60,000 square feet and provide a wider assortment of fresh grocery, as well as a bakery and delicatessen.
- Walmart Express stores are less than 30,000 square feet and will focus on a broad assortment of brands at everyday low prices, selling grocery, pharmacy and limited general merchandise.
- These store formats target “food deserts” and underserved areas in urban areas, bringing more affordable grocery prices and fresh food to urban consumers in more convenient locations. Multi-channel strategy allows Walmart to continue to grow as it approaches maturity of the supercenter format, with a bonus of gaining political points.
- Attempting to expand local sourcing of fresh produce to \$1B in the US, reaching 10% of purchases.