



# **Building Food Security in Alaska**

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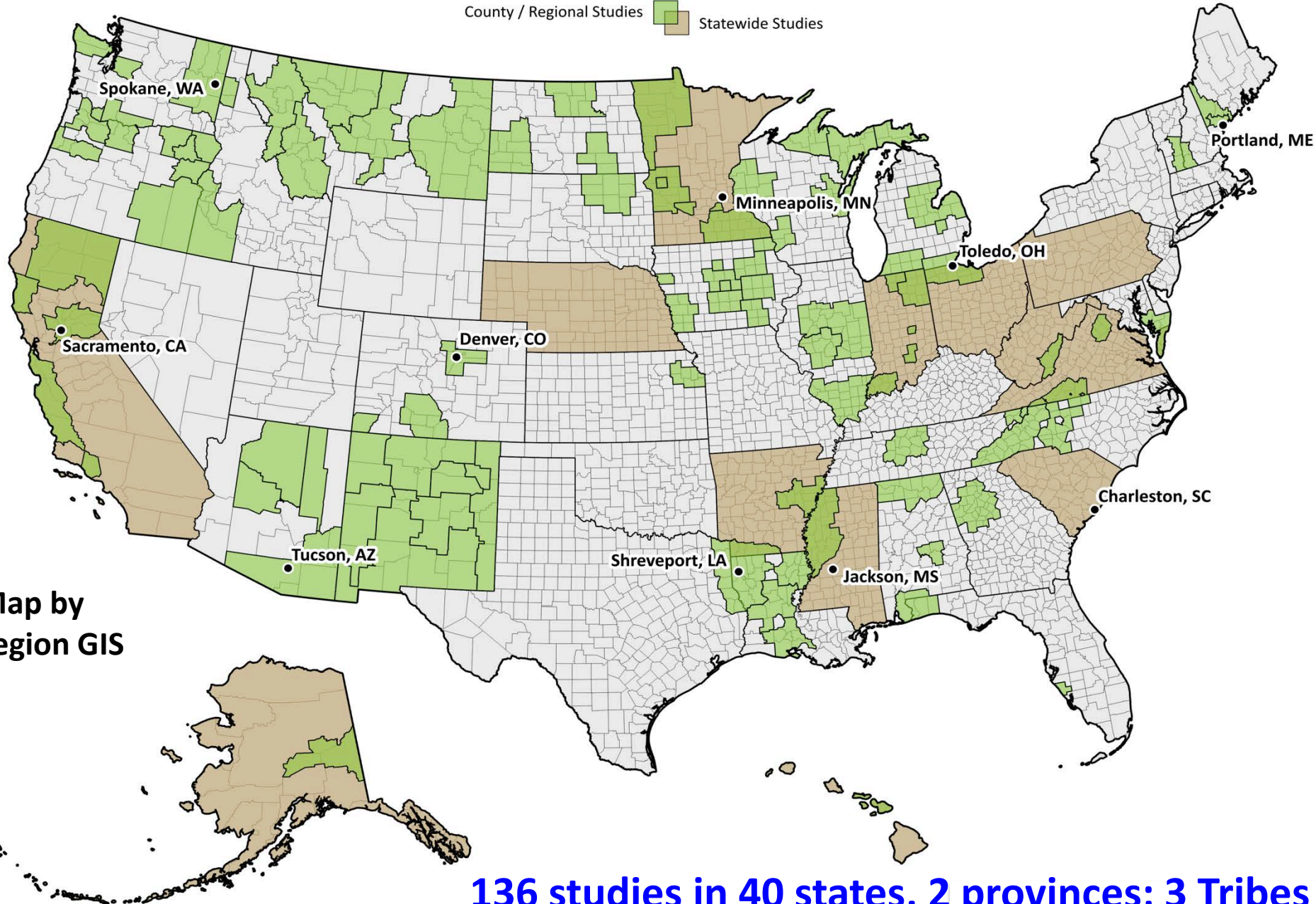
**Alaska House  
Resources Committee**  
March 5, 2018



# CRC Farm & Food Economy Studies

County / Regional Studies

Statewide Studies



Map by  
Legion GIS

136 studies in 40 states, 2 provinces; 3 Tribes





Chena Hot Springs © Ken Meter, 2014





Kotzebue — © Ken Meter, 1982

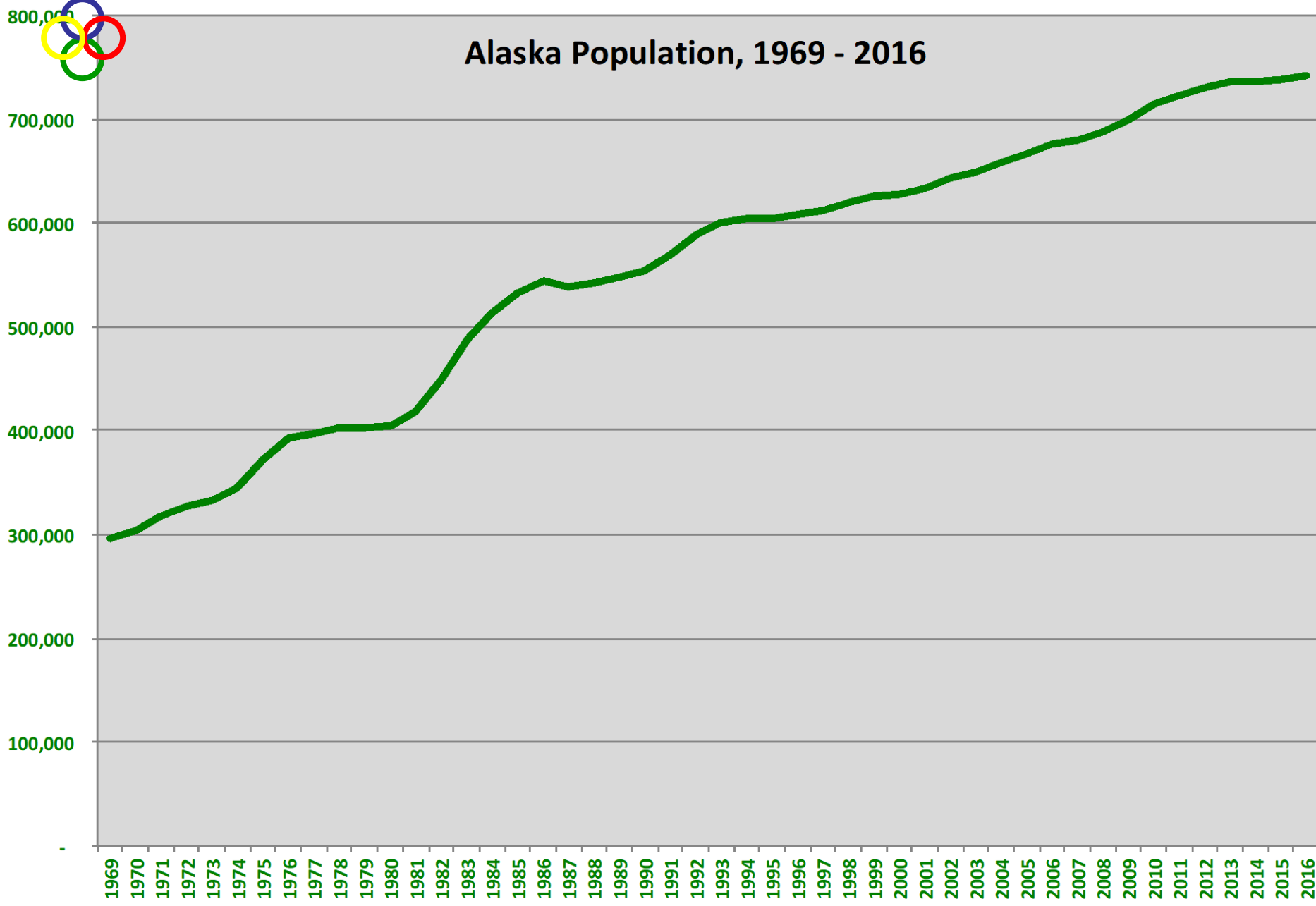




Tim Meyers Farm, Bethel — © Ken Meter, 2014



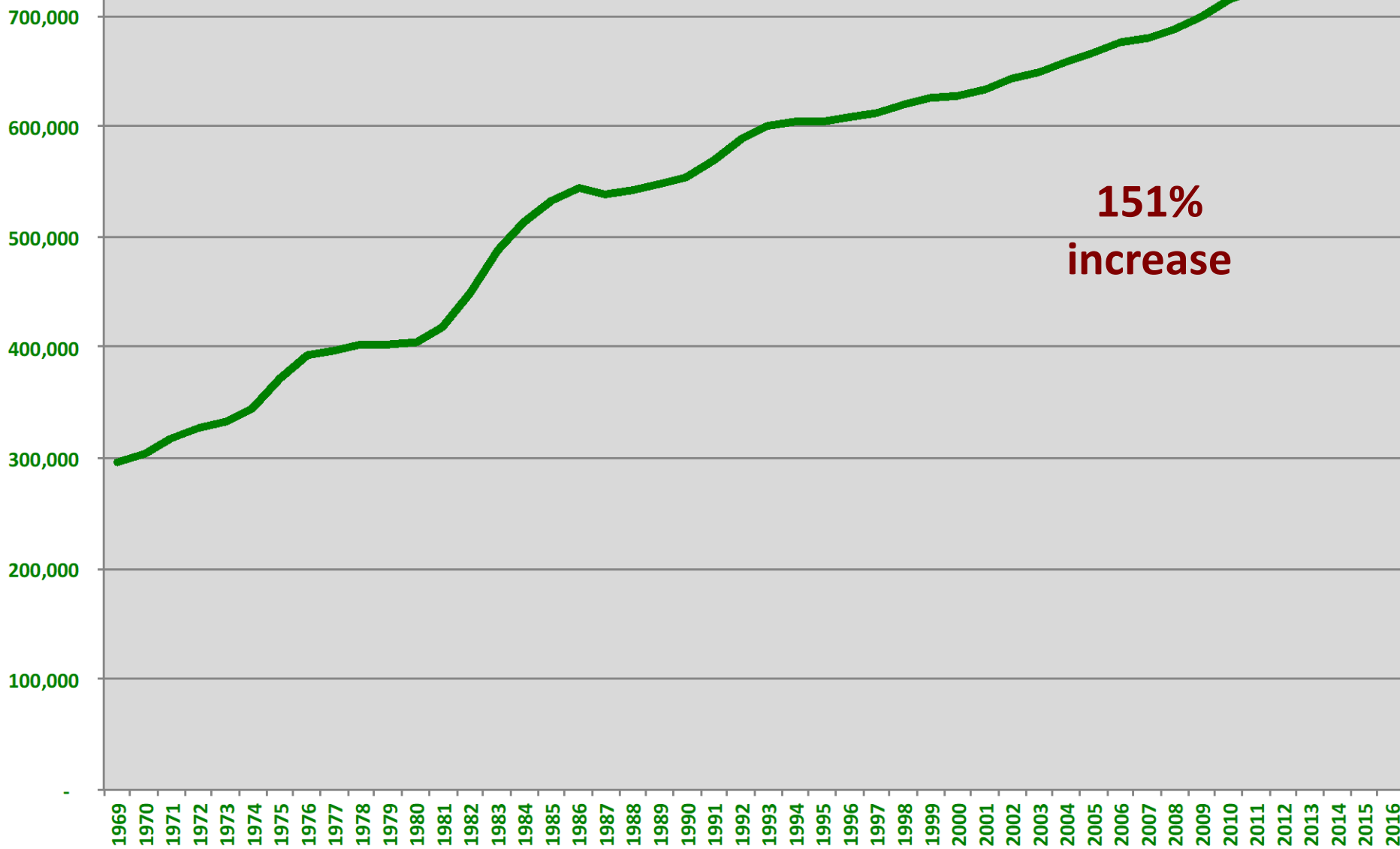
## Alaska Population, 1969 - 2016





## Alaska Population, 1969 - 2016

**151%  
increase**





## Personal Income in Alaska, 1969 - 2016

\$ billions (2016 dollars)

40  
35  
30  
25  
20  
15  
10  
5  
-

1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016





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**304% Increase**







**Alaska residents buy \$2.1  
billion of food each year**

**At least \$2 billion is sourced  
outside the State**





**Alaska farmers sell \$12 million  
of food products each year**





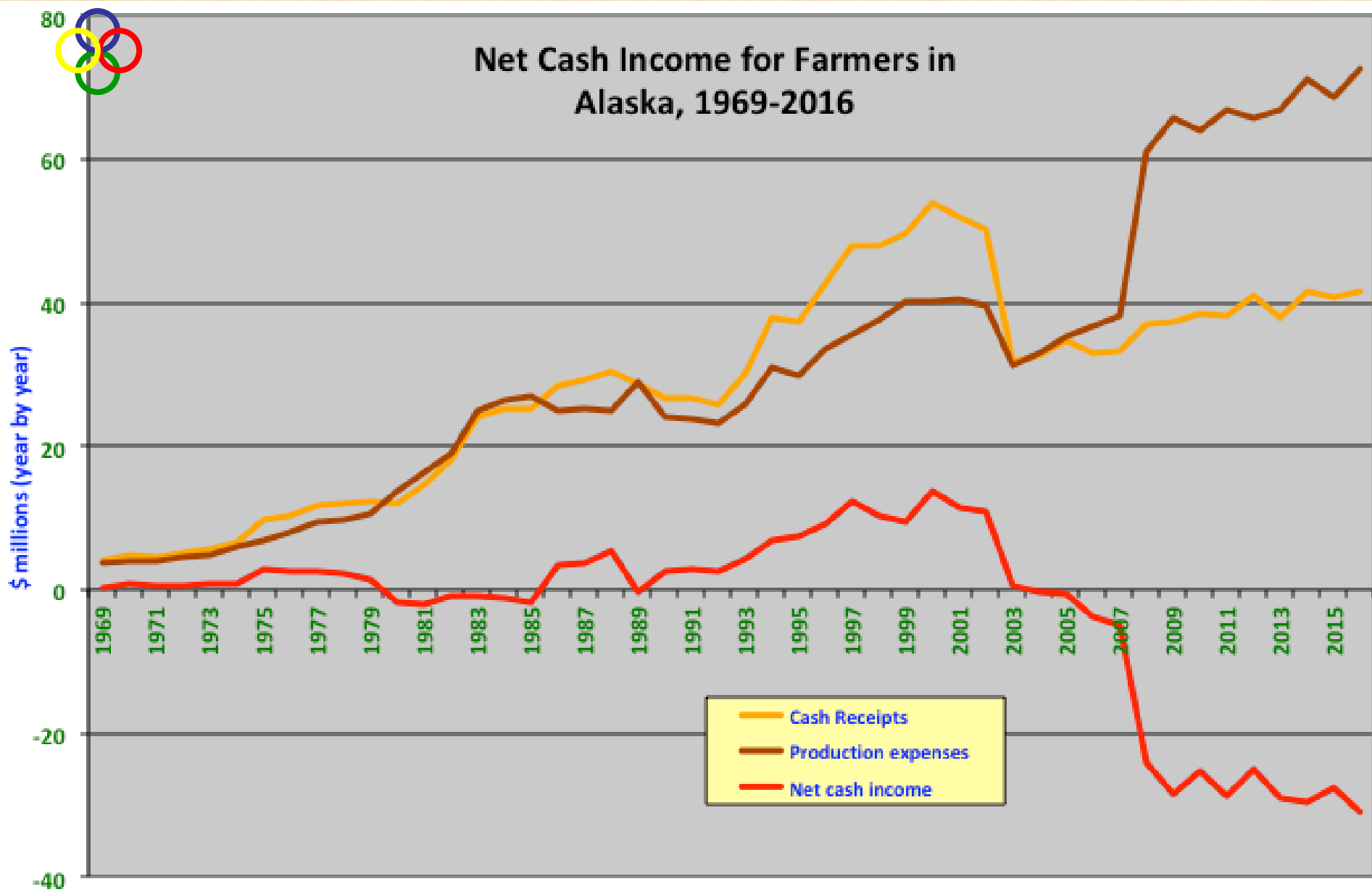
# Top Alaska farm products

\$ millions

1	Ornamentals	13.0
2	Hay	4.4
3	Vegetables	3.3
4	Misc. Livestock	2.8
5	Potatoes	2.5
6	Cattle & calves	1.7
7	Dairy products	1.3
8	Barley	1.0

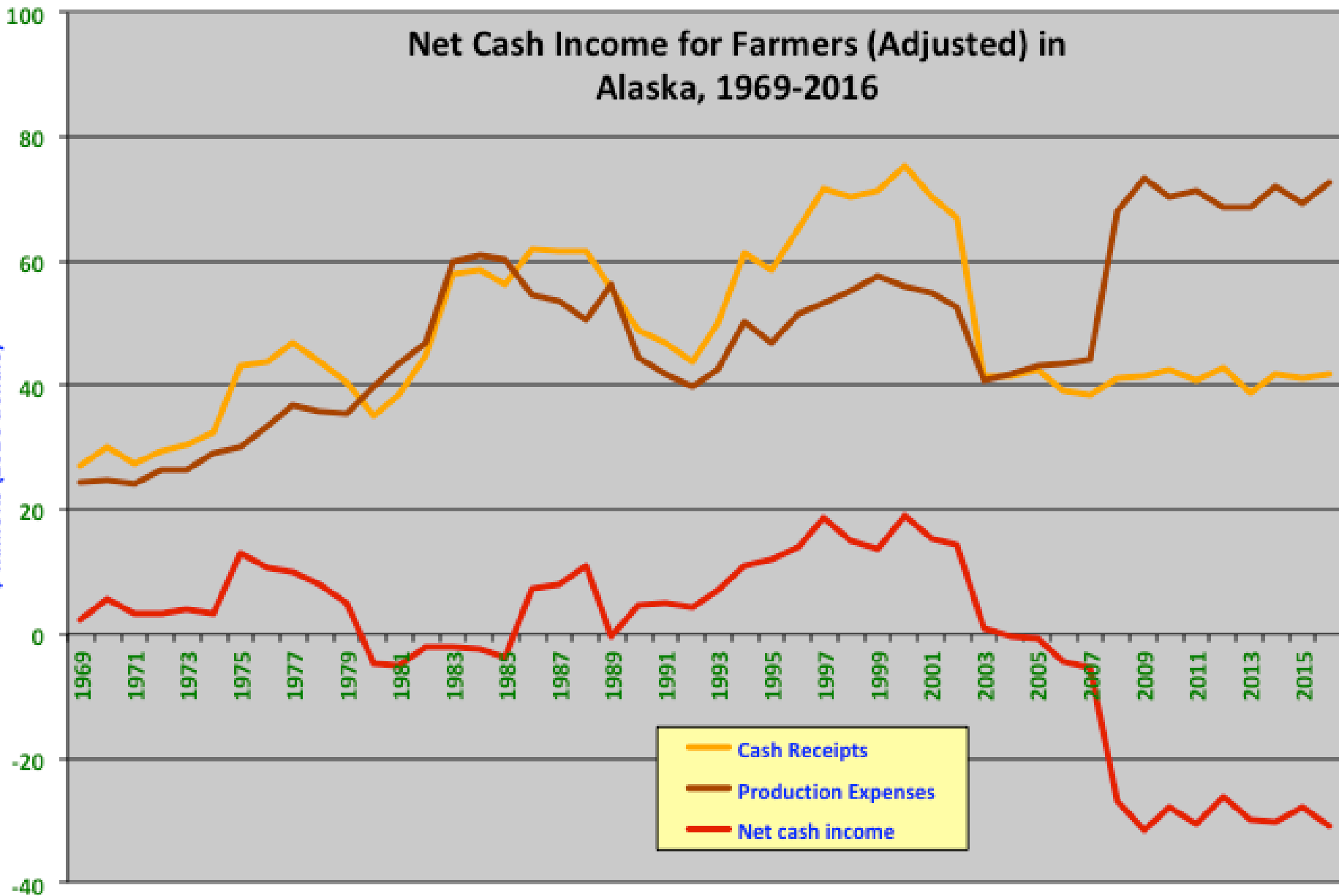
**Total for humans ~\$11.8**





## Net Cash Income for Farmers (Adjusted) in Alaska, 1969-2016

\$ millions (2016 dollars)

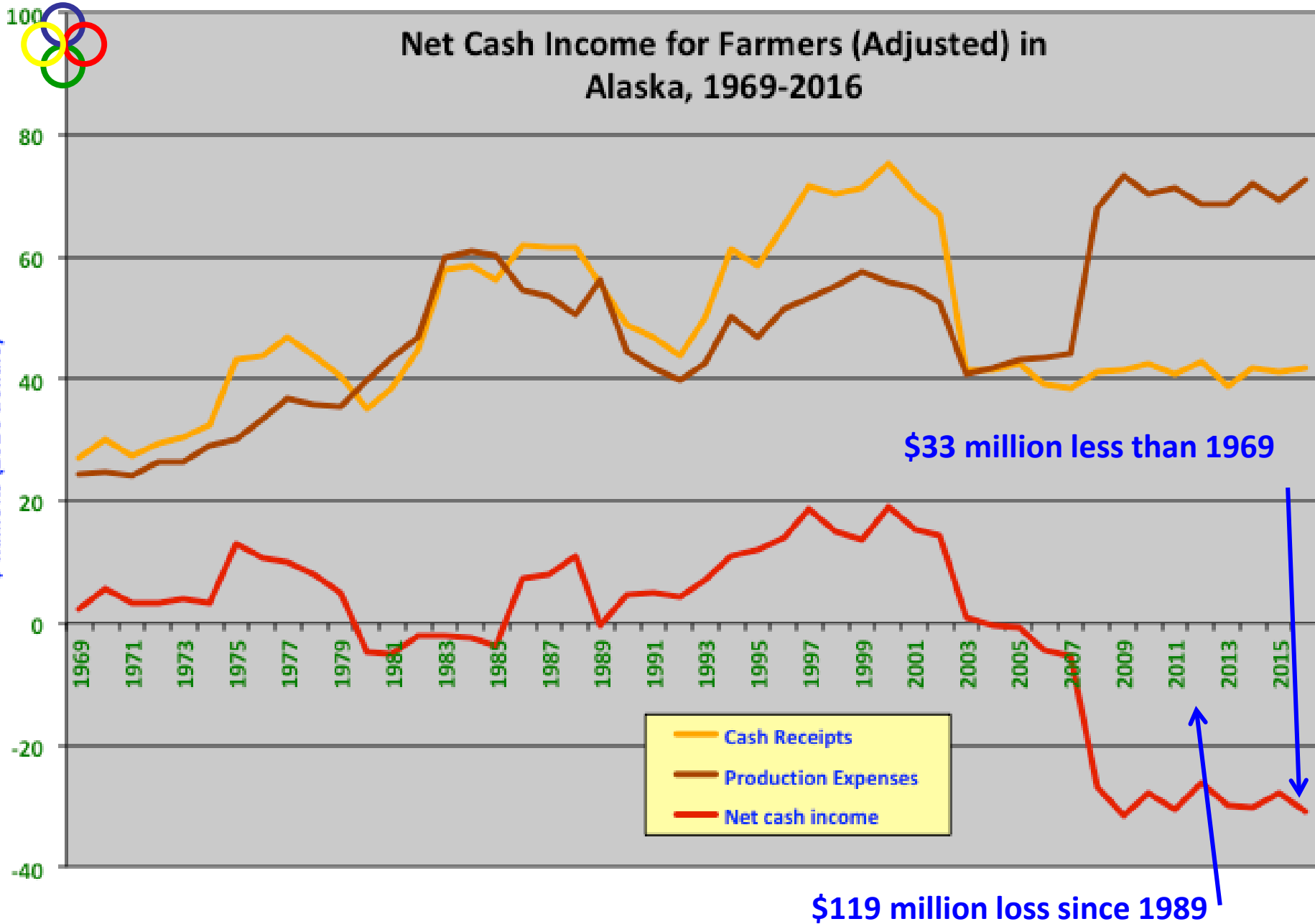






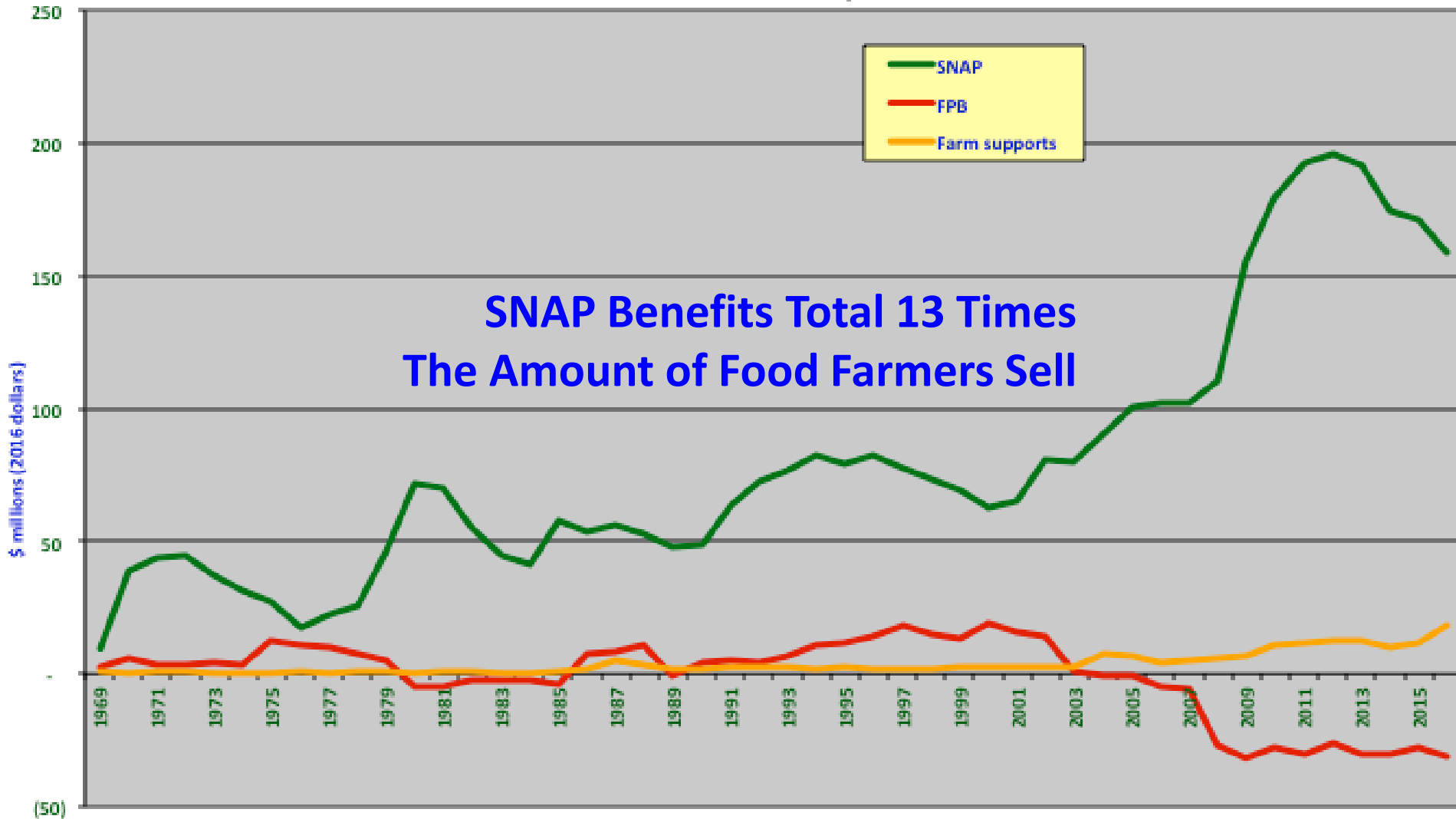
## Net Cash Income for Farmers (Adjusted) in Alaska, 1969-2016

\$ millions (2016 dollars)





## Adjusted SNAP Coupons Compared to Farm Subsidies Alaska, 1969 - 2016







**Alaska spends \$450 million  
each year to cover medical  
costs of diabetes & related  
conditions**



## Consumers matter

If each resident bought \$5 of food directly from some Alaska farm each week...(and if these farms existed)

...farms would earn **\$193 million**  
**16 times current cash receipts**





# Retailers Take Part in 2017 \$5 Alaska Grown Challenge

**Carrs Safeway**

**Walmart**

**Fred Meyer**

**JBER Commissary**

**Save U More**

**Alaska Commercial Co.**



# Alaska food & farm economy

**241 (32%) farms sell  
direct to consumers**





## Key recommendations

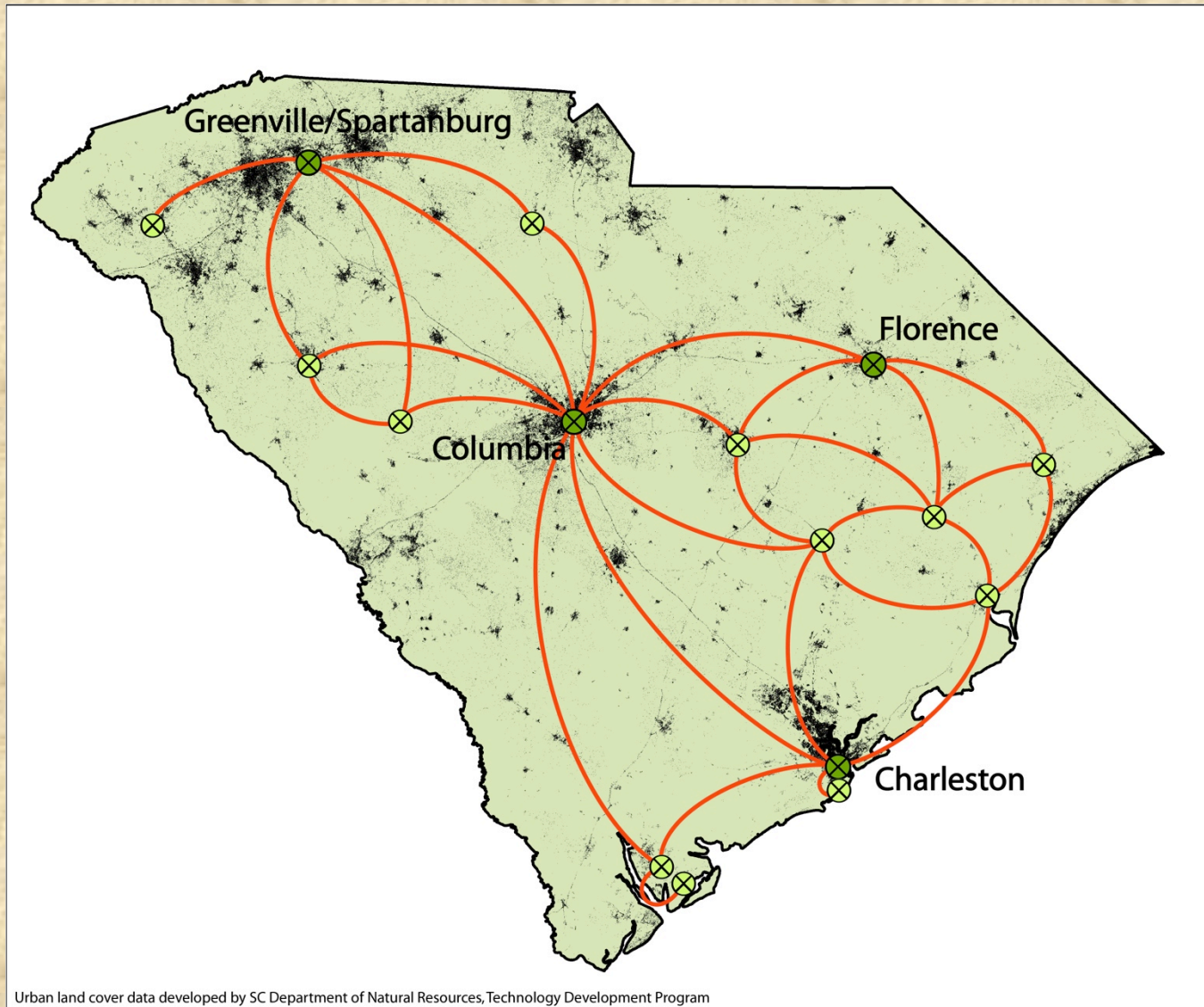
**How much land would be required to provide  
all of Alaska's demand?**

*[At current rates of consumption]*

	acres
• Potatoes	4,700
• Carrots	200
• Cabbage	200
• Lettuce	600



# South Carolina “Food Web”







Dan & Marguerite Guenther, Common Harvest Farm, Osceola, Wisconsin





# The key role of public investment

**Build infrastructure  
that creates  
community efficiencies**



# **Local Farm & Food Economy Studies**

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