



Food Assessment Update

Food Policy Task Force Meeting

December 8, 2011

Utah State Population Demographics

Year	Rural	Urban	Total
1980	202,790	1,258,247	1,461,047
1990	214,826	1,508,024	1,722,850
2000	263,136	1,970,033	2,233,169
2010	314,923	2,448,962	2,763,885

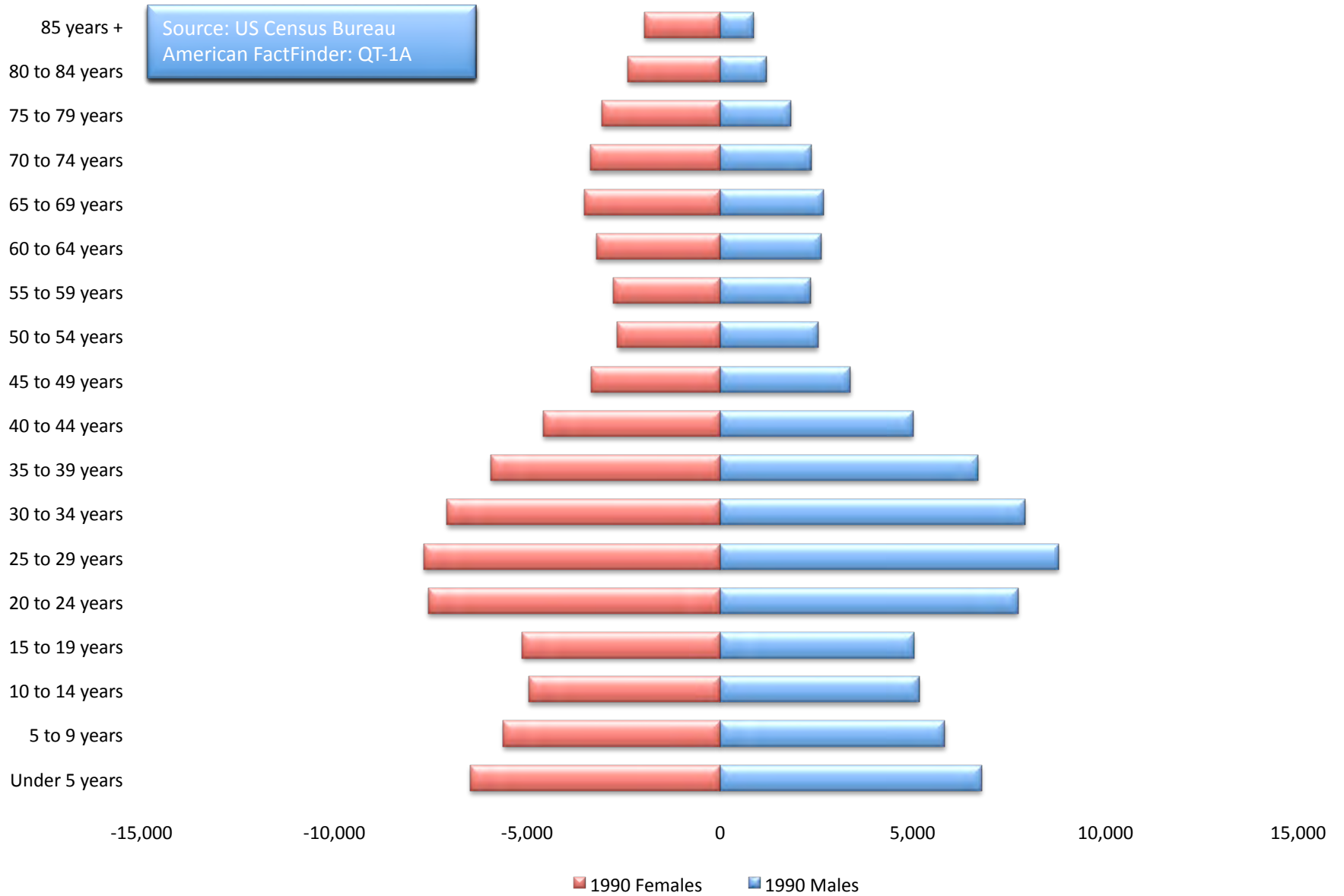
USDA Economic Research Service
September 14, 2011

Population by Race & Ethnicity: Salt Lake City, UT 1990-2010

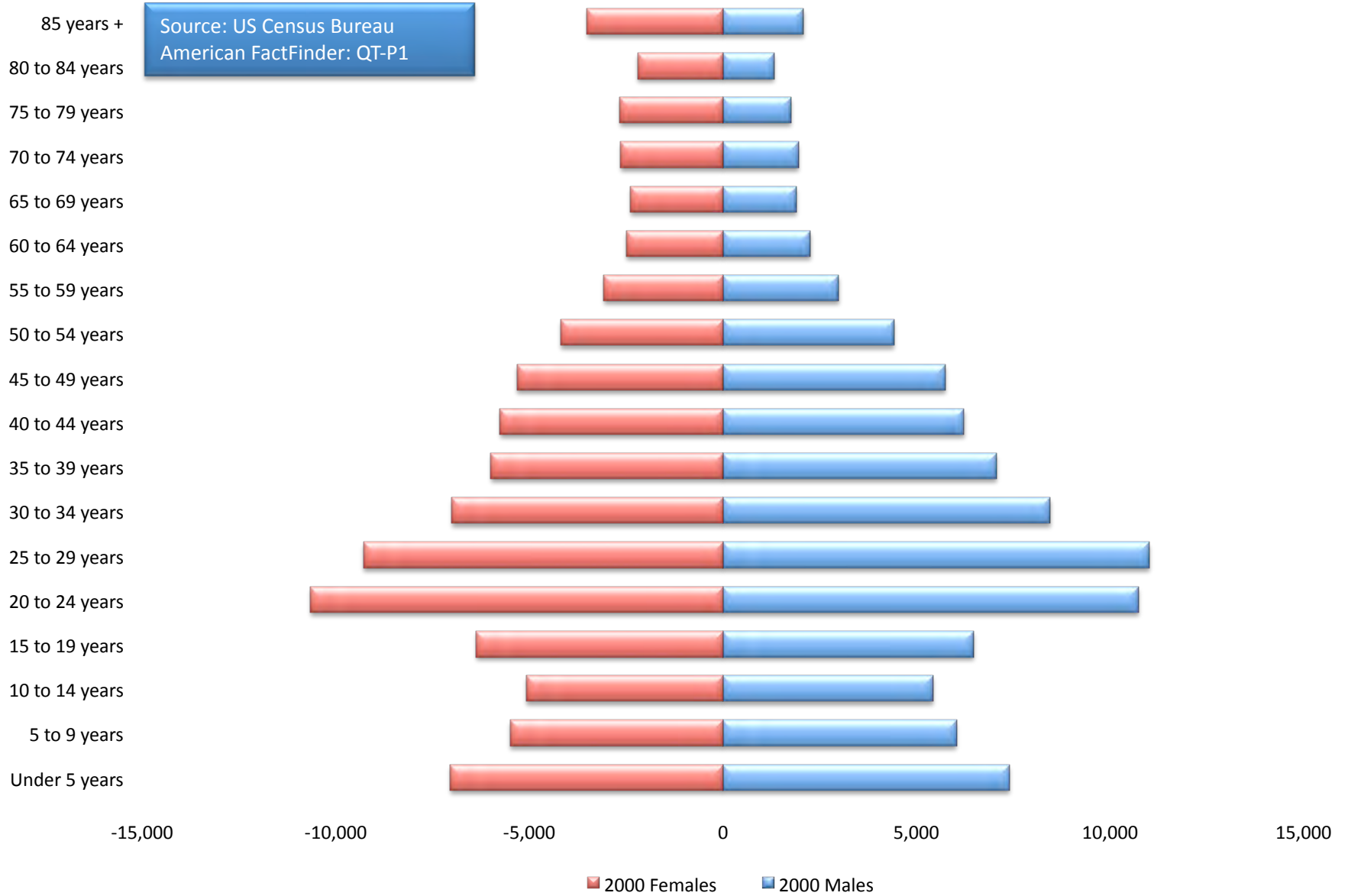


Source: US Census Bureau Redistricting

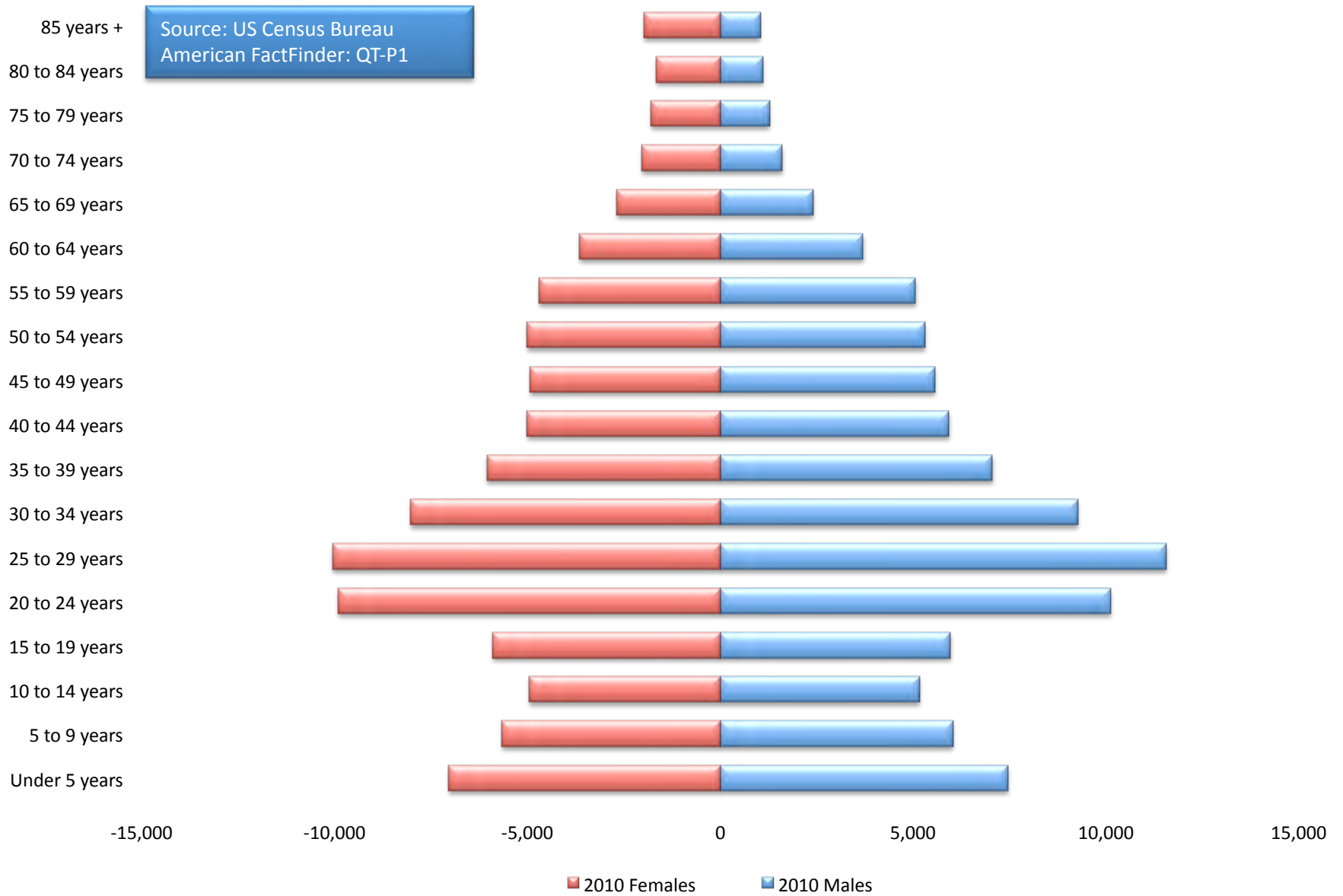
Population Pyramid (1990): Salt Lake City, UT



Population Pyramid (2000): Salt Lake City, UT



Population Pyramid (2010): Salt Lake City, UT



Utah State Income Distribution

Per-capita income (2009 dollars)			
	Rural	Urban	Total
2008	28,425	32,916	32,426
2009	27,373	32,101	31,584
Percent change	-3.7	-2.5	-2.6

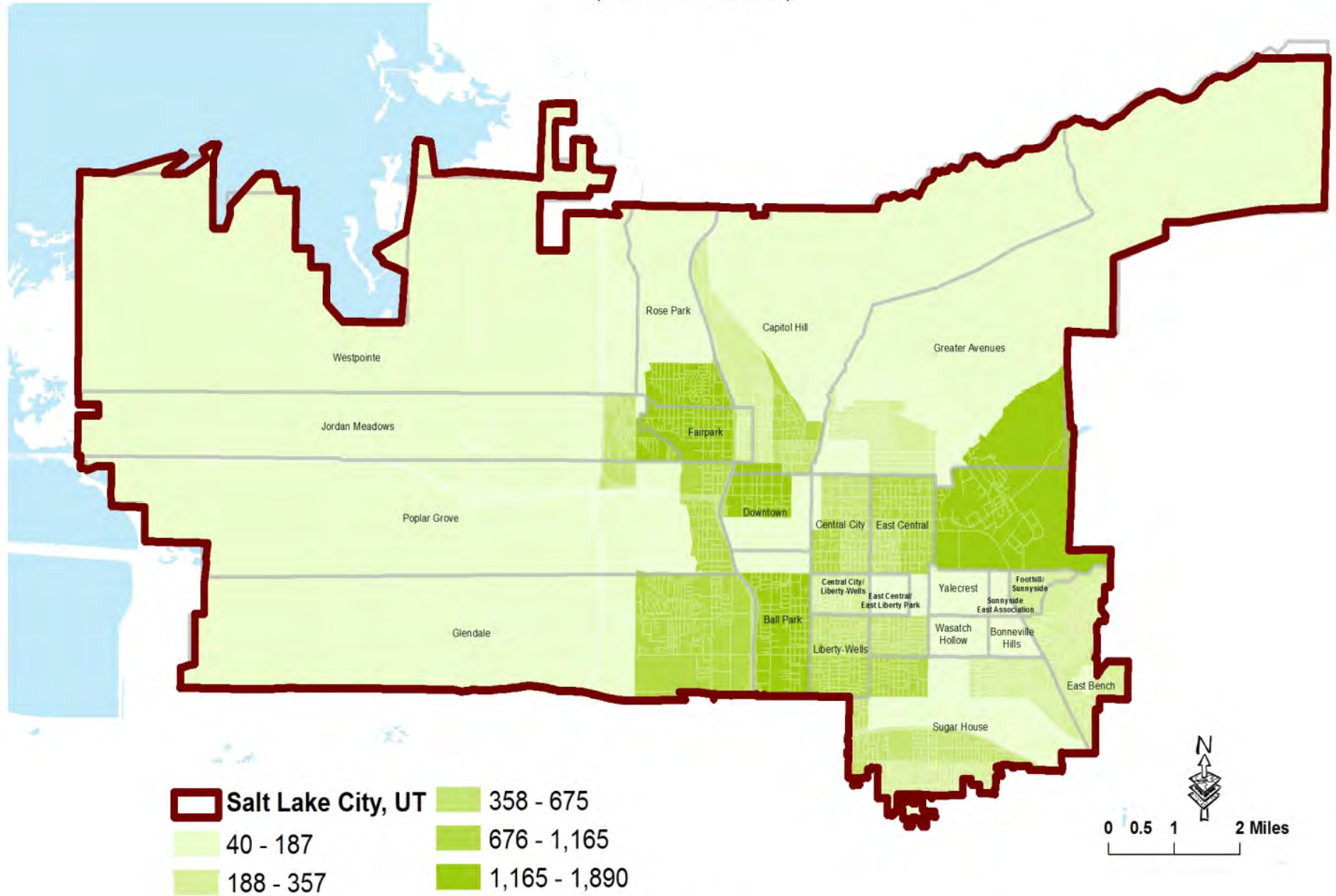
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Utah State Poverty Rate

Poverty Rate (Percent)	Rural	Urban	Total
1979	12.6	9.9	10.3
1989	15.4	10.8	11.4
1999	13.5	8.8	9.4
2009 (latest model- based estimates)	13.6	11.5	11.7

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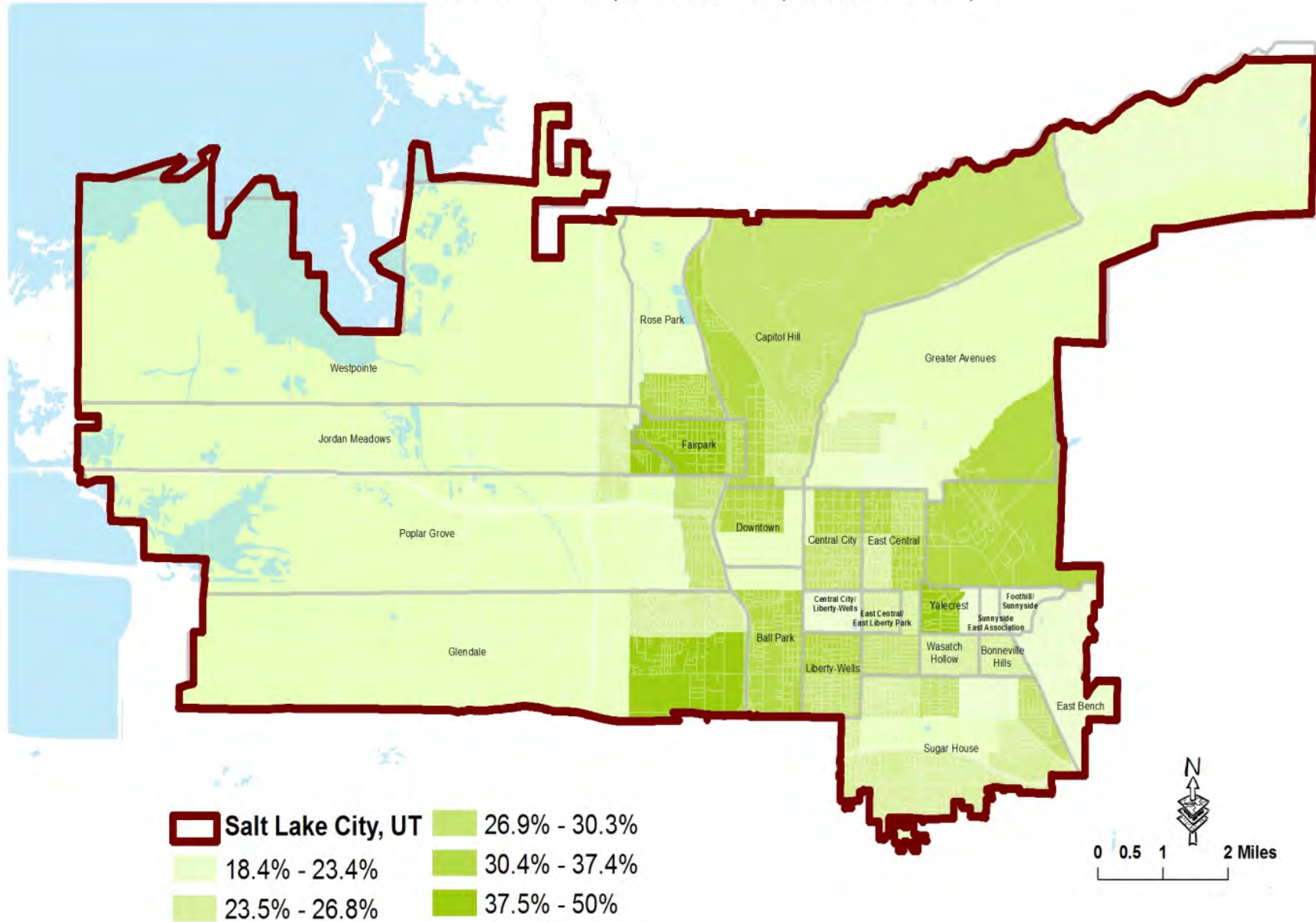
2009 Population Below Poverty Level: Salt Lake City, UT (Census Tract Level)



Source: US Census Bureau, American Community Survey 5 Year Estimates (2005-2009)

2009 Median Gross Rent as a Percent of Household Income Last 12 Months

Universe: Renter Occupied Households (Census Tract Level)



Source: US Census Bureau, American Community Survey 5 Year Estimates (2005-2009)

Utah State Education Demographics – Persons 25 and older

Percent not completing high school			
	Rural	Urban	Total
1980	25.9	19	20
1990	20.5	14	14.9
2000	15.6	11.8	12.3

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Utah State Education Demographics – Persons 25 and older

Percent completing high school only			
	Rural	Urban	Total
1980	39	35.5	36
1990	33.3	26.3	27.2
2000	30.6	23.8	24.6

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Utah State Education Demographics – Persons 25 and older

Percent completing some college			
	Rural	Urban	Total
1980	21.9	24.6	24.2
1990	31.3	36.3	35.7
2000	36.2	37.1	37

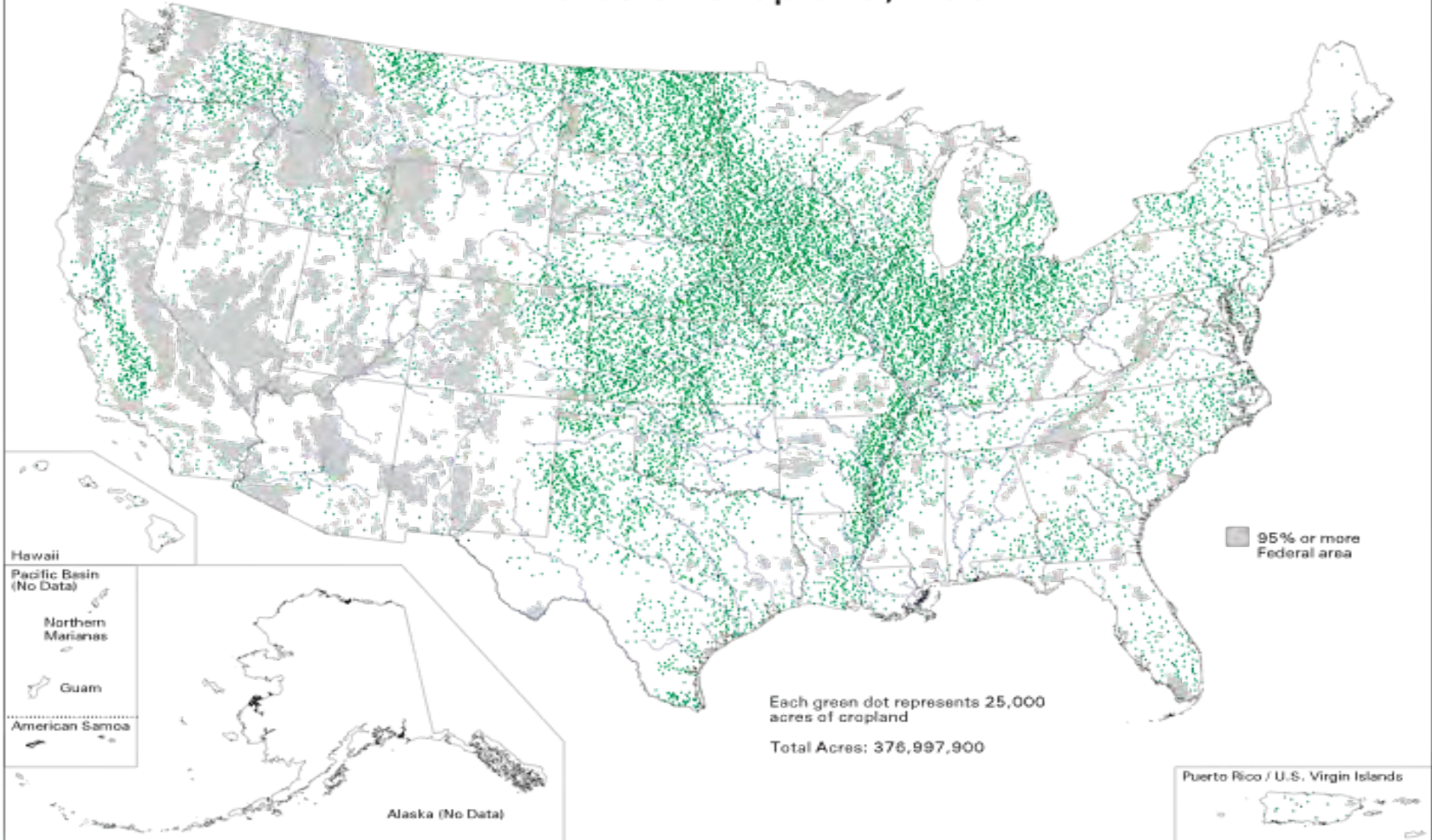
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Utah State Education Demographics – Persons 25 and older

Percent completing college			
	Rural	Urban	Total
1980	13.7	20.9	19.9
1990	14.8	23.3	22.3
2000	17.5	27.3	26.1

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Acres of Cropland, 1997



NRCS MAP (Color Comp)

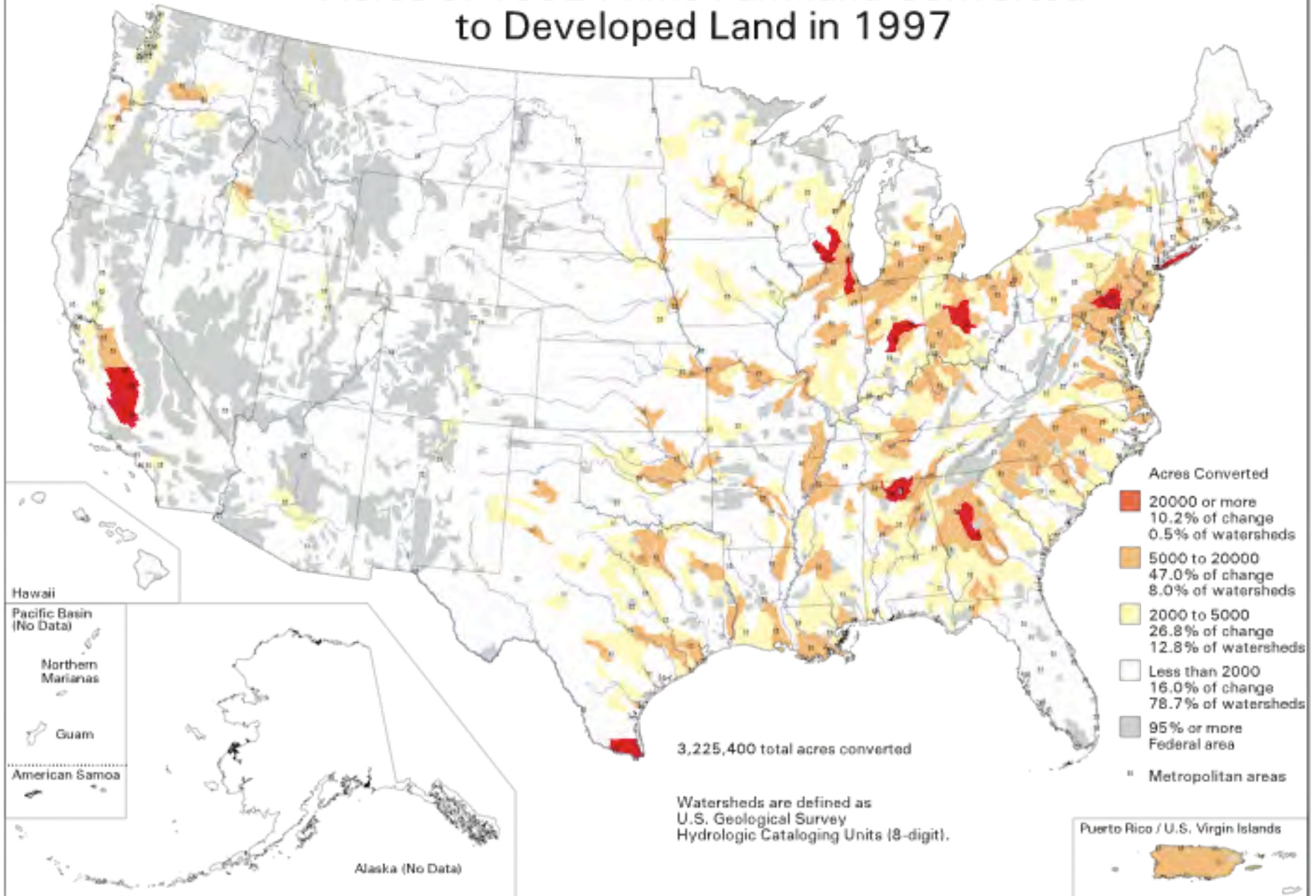


U.S. Department of Agriculture
Natural Resources Conservation Service
Resource Assessment Division
Washington DC January 2001

Map ID: m4964

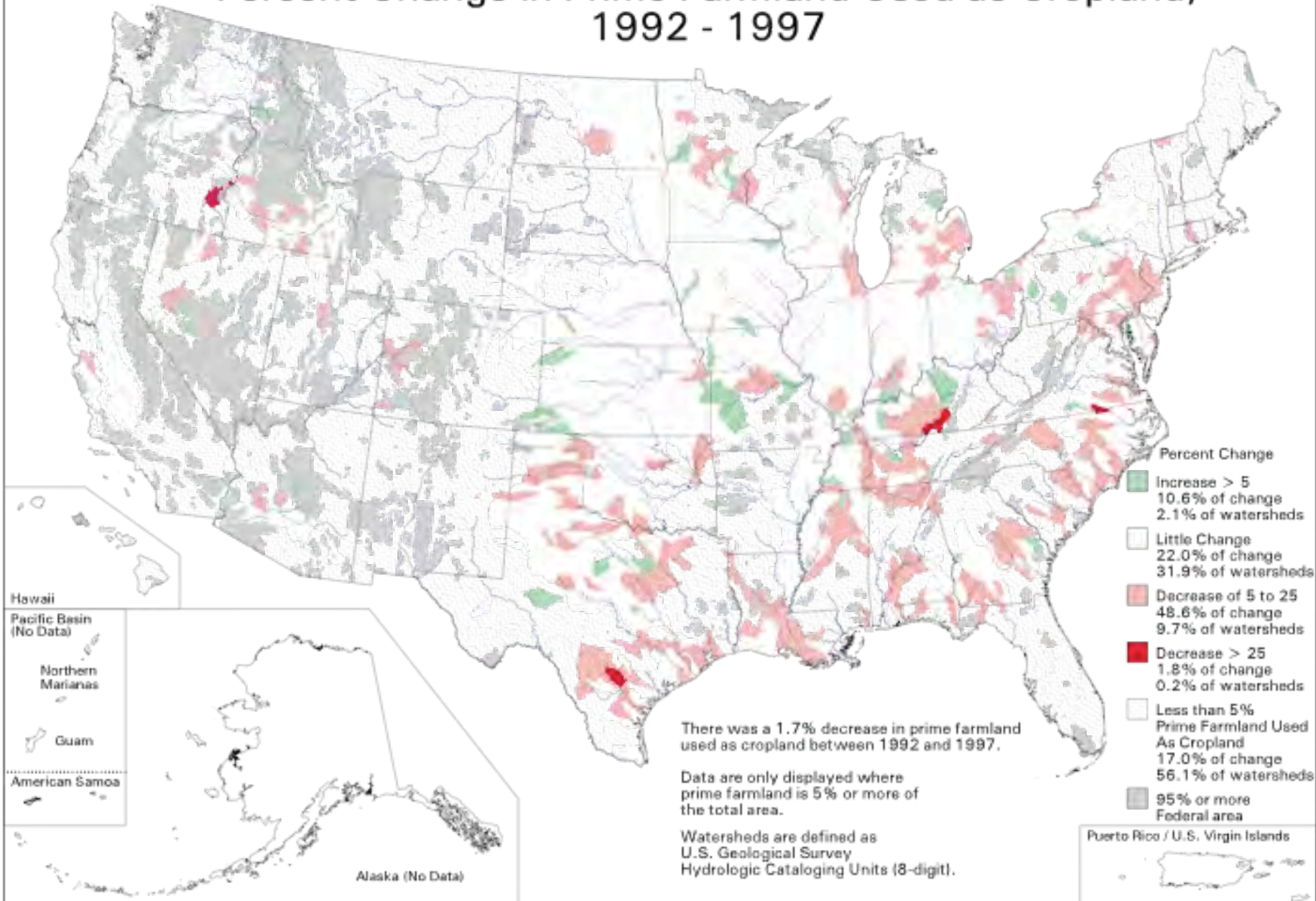
Data Source: 1997 National Resources Inventory
Revised December 2000

Acres of 1992 Prime Farmland Converted to Developed Land in 1997



MS077.NAP (Color Copy)

Percent Change in Prime Farmland Used as Cropland, 1992 - 1997



MS041.MAP (Color Copy)



U.S. Department of Agriculture
Natural Resources Conservation Service
Resource Assessment Division
Washington DC February 2001

Map ID: m5041
For proper interpretation, see Explanation of Analysis for this map at our web site. Search for "USDASOTL" to locate our map index.

Data Source: 1997 National Resources Inventory
Revised December 2000

Historic Farm and LandCover Data -State of Utah

	2007	2002	1997	Not adjusted for coverage				
				1997	1992	1987	1982	1978
# Farms	16,700	15,282	15,810	14,181	13,520	14,066	13,984	12,764
Acres in Farms	11,094,700	11,731,228	12,008,137	12,024,661	9,624,463	9,989,073	9,772,942	10,470,564
Avg Size	664	768	760	848	712	710	699	820
% of Utah Land in Farms	21.1%	22.3%	22.8%	22.9%	18.3%	19.0%	18.6%	19.9%
Acres in Utah	52,553,947							

Utah Surface area of non-Federal and Federal land and water areas, by State and year

In thousands of acres, with margins of error

Year	Federal land	Water areas	Non-Federal land			Total surface area
			Developed	Rural	Total	
1982	34,508.1	1,767.3	433.7	17,629.8	18,063.5	54,338.9
--	--	--	±89.4	±107.1	±30.4	--
1987	34,153.3	2,356.2	474.6	17,354.8	17,829.4	54,338.9
--	--	--	±99.0	±115.9	±30.2	--
1992	34,278.2	1,786.3	530.5	17,743.9	18,274.4	54,338.9
--	--	--	±109.4	±124.2	±30.3	--
1997	34,278.2	1,800.5	601.1	17,659.1	18,260.2	54,338.9
--	--	--	±118.9	±132.7	±30.4	--
2002	34,278.8	1,800.5	682.7	17,576.9	18,259.6	54,338.9
--	--	--	±133.1	±148.0	±21.8	--
2007	34,278.8	1,800.7	744.6	17,514.8	18,259.4	54,338.9
--	--	--	±139.6	±153.4	±21.7	--

Summary Report December 2009

2007 National Resources Inventory

Statistics for other landcover types not shown here: CRP, Pastureland, Rangeland, Forest Land, Other Rural

Utah Land Cover/use of non-Federal rural land
In thousands of acres, with margins of error

Year	Cropland*
1982	2,051.8 ±284.9
1987	1,907.2 ±309.5
1992	1,830.3 ±316.1
1997	1,678.1 ±312.4
2002	1,618.8 ±273.0
2007	1,421.1 ±282.9

Summary Report December 2009
2007 National Resources Inventory

Statistics for other landcover types not shown here: CRP,
Pastureland, Rangeland, Forest Land, Other Rural

Utah Cropland use, by year
In thousands of acres, with margins of error

Year	Cultivated cropland*			Total
	Irrigated	Nonirrigated		
1982	665.5 ±209.8	677.4 ±146.0		1,342.9 ±283.2
1987	409.0 ±73.5	518.1 ±160.1		927.1 ±169.3
1992	462.6 ±161.5	420.9 ±170.6		883.5 ±220.7
1997	354.4 ±59.8	381.6 ±151.1		736.0 ±166.7
2002	569.1 ±236.2	294.0 ±130.2		863.1 ±310.7
2007	564.3 ±255.5	232.8 ±225.2		797.1 ±385.0

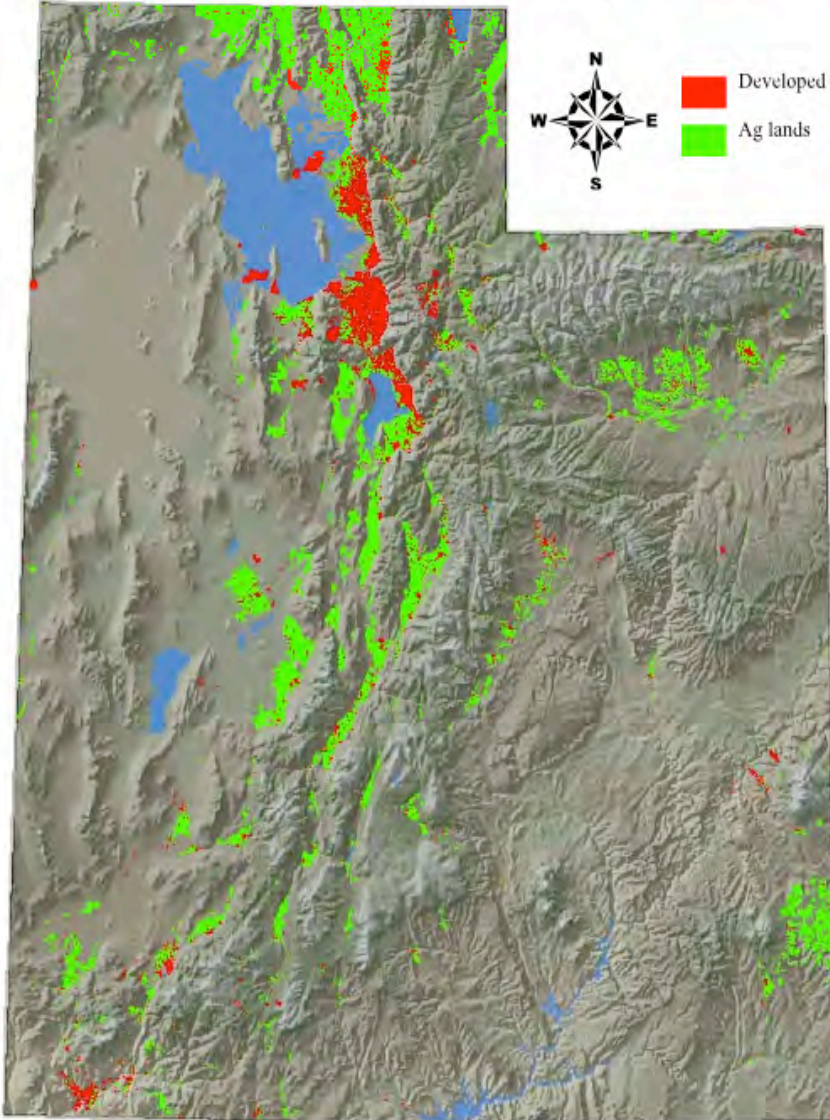
*Non-cultivated cropland statistics not shown here

Summary Report December 2009
2007 National Resources Inventory

Land Use

2008 Baseline

Agricultural and Developed Lands in Utah



Utah Land Use Stats

Over 1,244 square miles developed land

Over 4,321 square miles agricultural land

Average of 3.2 people per developed acre

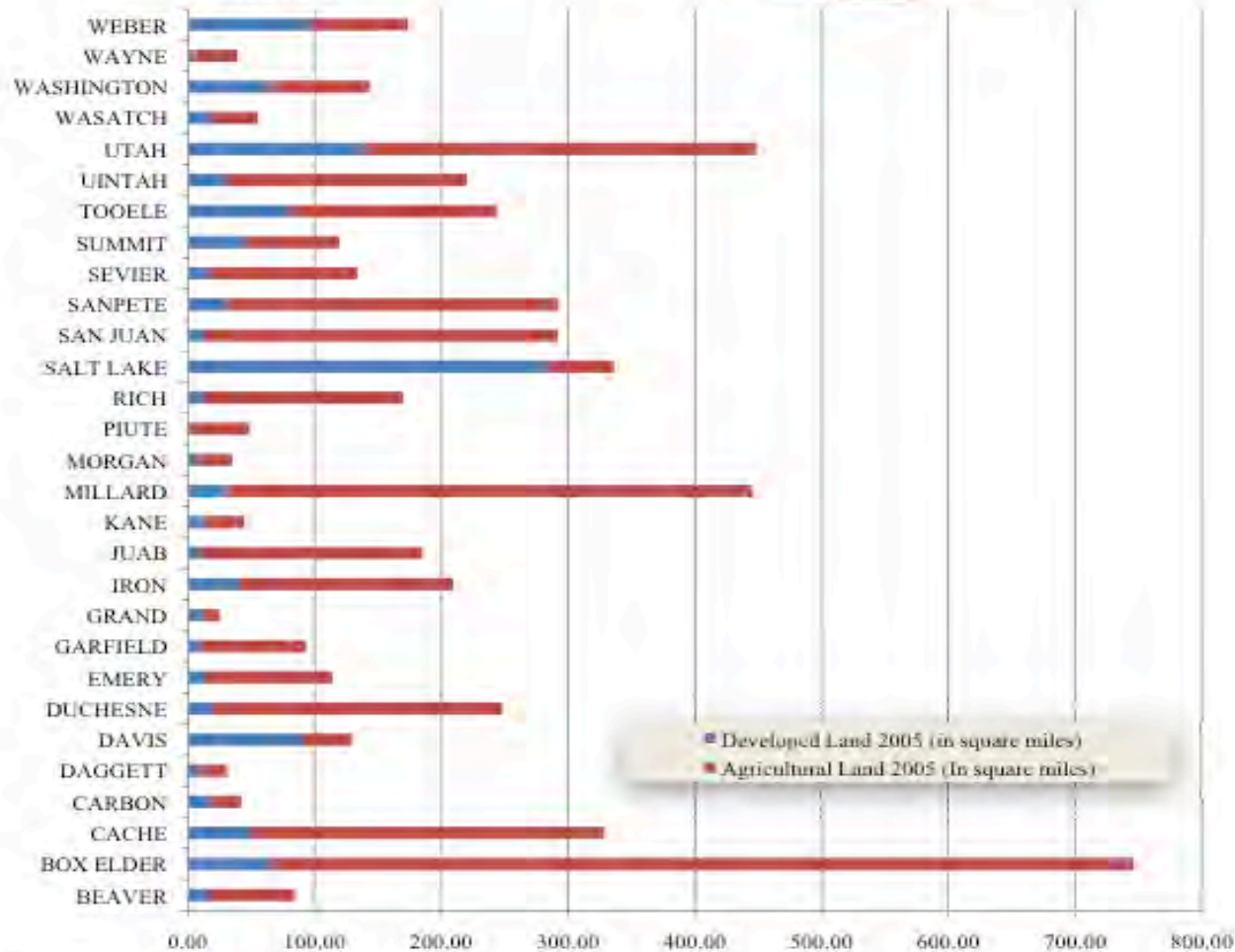
Developed Land vs. Agricultural Land

Much of the development in Utah will happen by converting agricultural land uses into residential or commercial uses. This is especially true in the rapidly urbanizing areas on the metropolitan fringe. Available land in close proximity to employment and infrastructure make these areas especially attractive to future growth.

Statewide Agricultural vs. Developed Lands 2005



Chart I



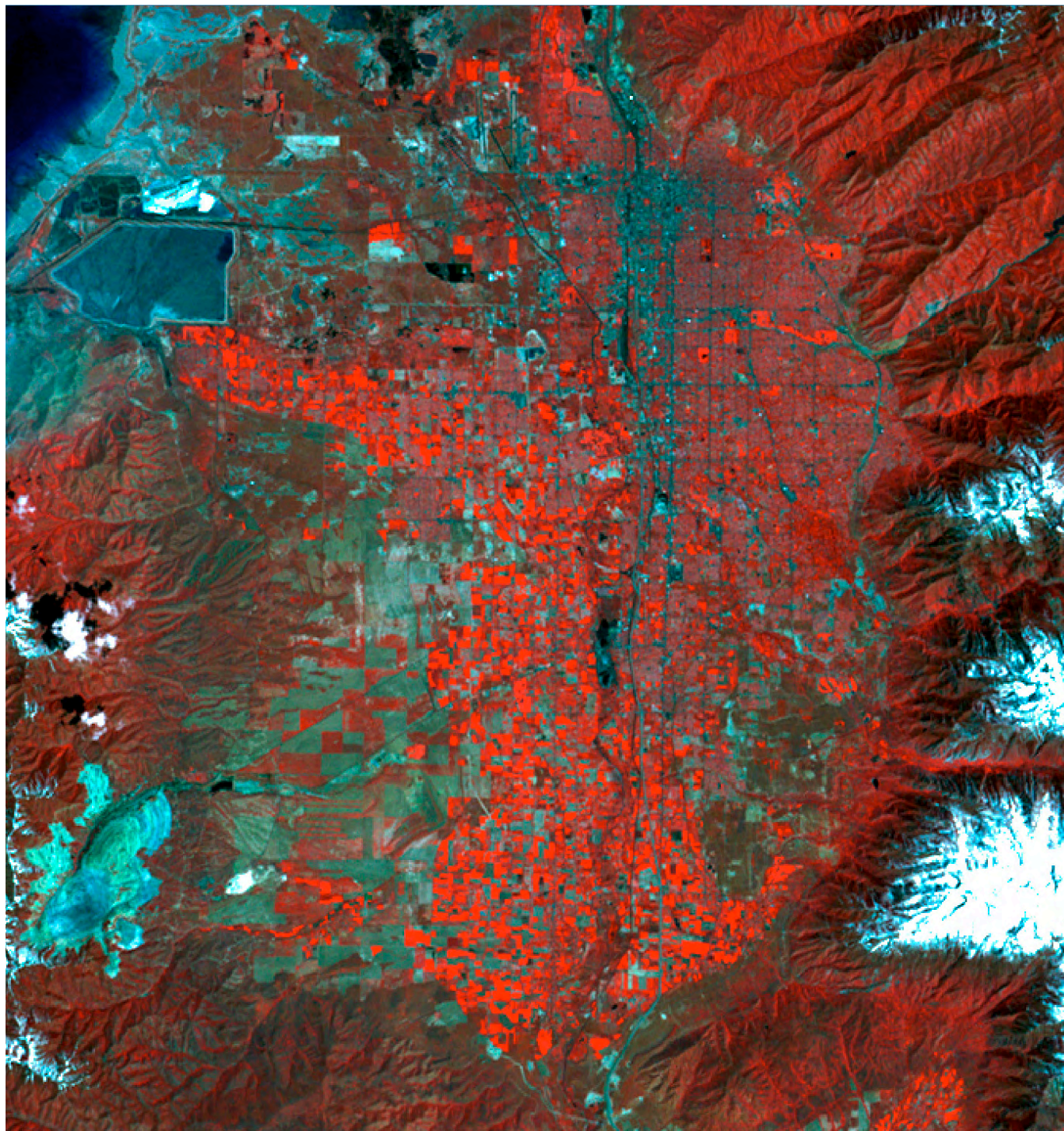
Considering
the
Future

Source: Utah Governors Office of Planning and Budget: Land Use Planning-2008

Landsat MSS May 22, 1973

The bright red parcels are
agricultural land

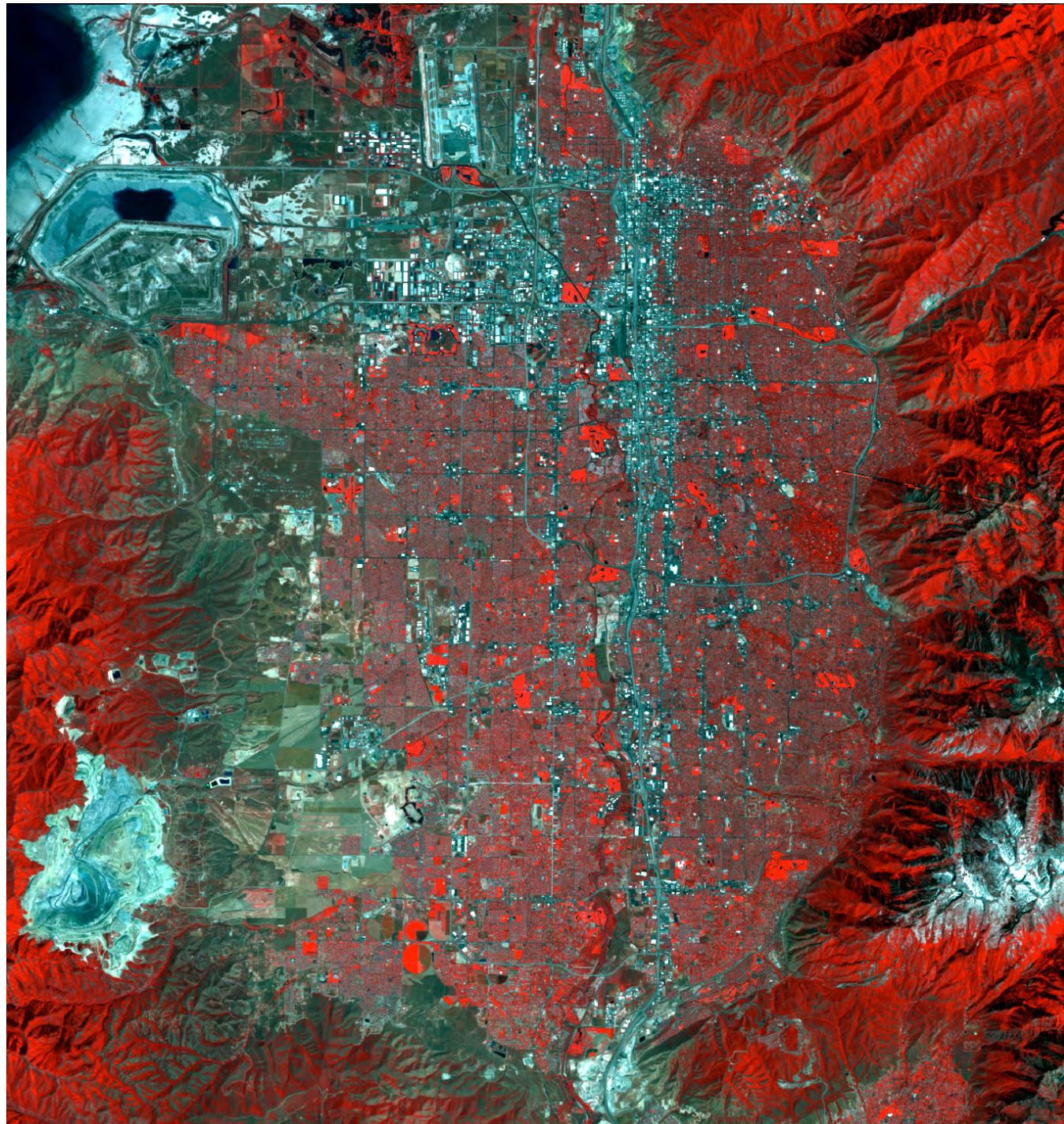
Source:
Charles W. Gay
Associate Vice President
for Cooperative Extension



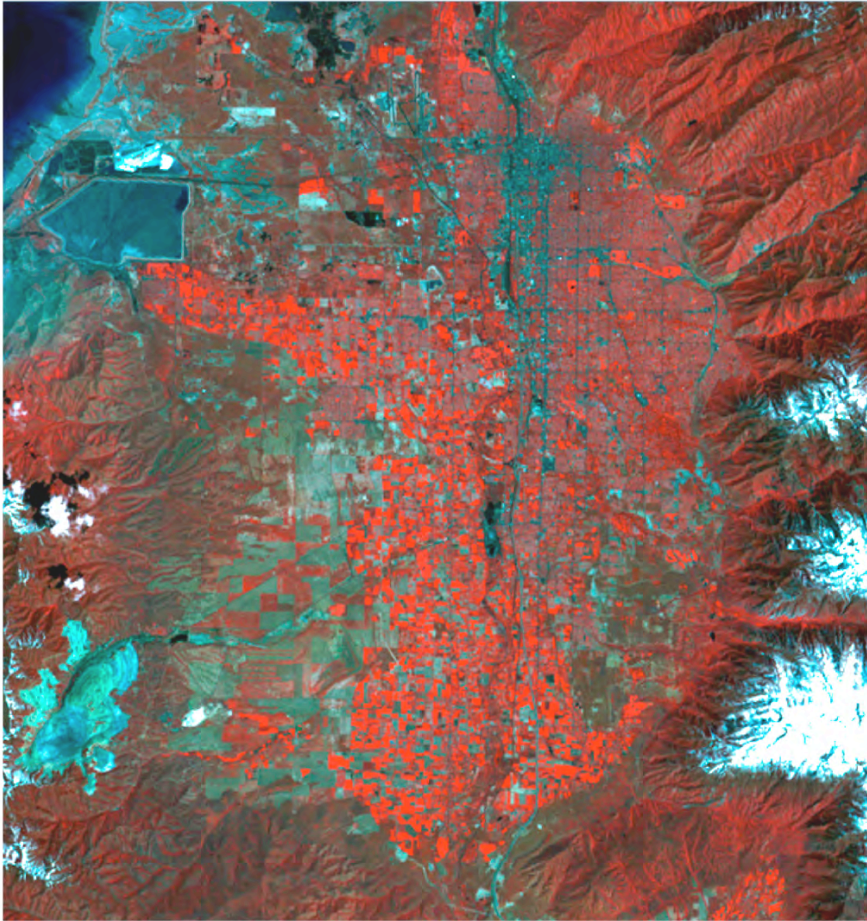
Landsat TM July 16, 2009

The bright red parcels are
agricultural land

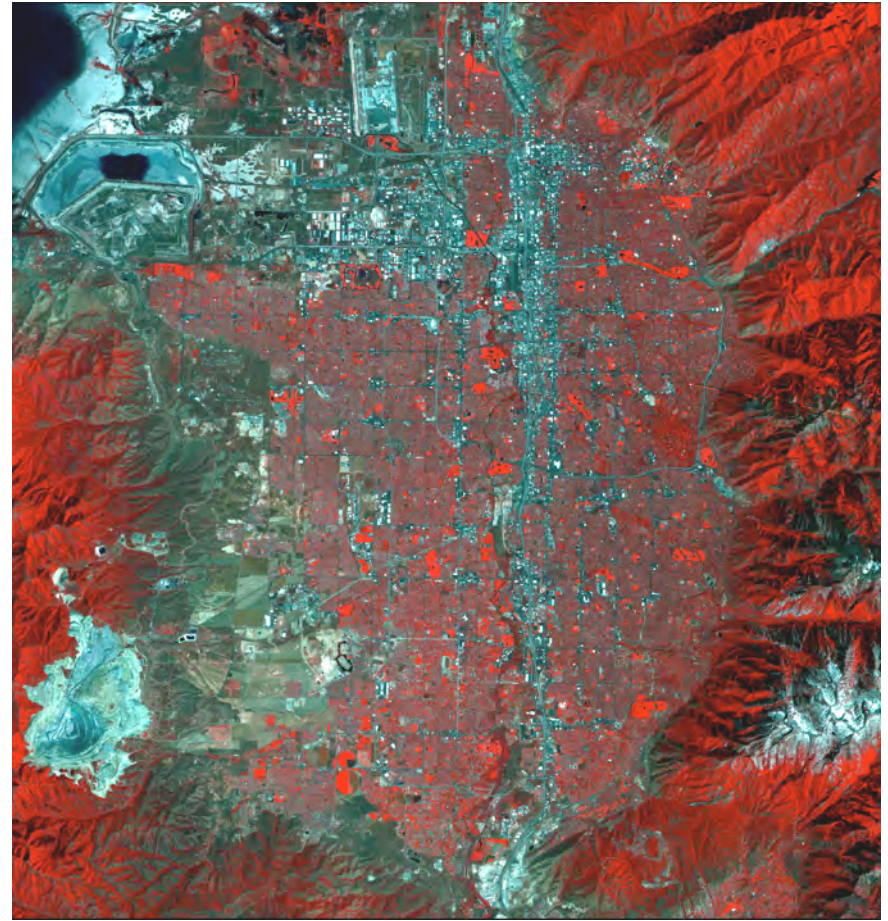
Source:
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Salt Lake County, Utah Agricultural Land Use Change 1973-2009



Landsat MSS
Salt Lake County: May 22, 1973



Landsat TM
Salt Lake County: July 16, 2009

Land in Agriculture and Ag Sales for Utah and 250 Mile Area

		# of Farms	Acres in Farms	In \$1,000		
				Market Value of crops sold (including nursery and greenhouse)	Market Value of livestock, poultry and their products	Total Market Value of Ag Products Sold
Utah - all Counties						
	2007	16,700	11,094,700	\$ 372,396	\$ 1,043,281	\$ 1,415,677
	*2010	16,600	11,100,000			
Idaho -select Counties						
	TOTAL ID	13,694	7,767,603	1,779,722	2,775,207	4,554,929
-select Counties						
	TOTAL WY	3,350	7,197,135	41,813	221,796	263,609
Colorado -select Counties						
	TOTAL CO	6,250	3,188,530	91,228	187,498	278,726
Nevada -select Counties						
	TOTAL NV	994	3,344,805	28,159	133,288	186,462
TOTAL FOR ALL OF UTAH AND 250 MILE RADIUS		40,988	32,592,773	2,313,318	4,361,070	6,699,403

*2011 Utah Department of Agriculture and Food Annual Report

All information unless otherwise noted is from the USDA Ag Census, 2007

Utah Traditional vs. Organic Farms - Number, Acres and Sales

		In \$1,000						
					Market Value of crops sold (including nursery and greenhouse)	Market Value of livestock, poultry and their products	Total Market Value of Ag Products Sold	Avg sales per farm
# Farms	Acres	-	Farms with sales					
Traditional Farms	16,546	11,008,616	-	\$ 366,546	\$ 1,041,815	\$ 1,408,361	\$ 30,579	
Organic Farms	154	86,084	135	\$ 5,850	\$ 1,466	\$ 7,316	\$ 54,192	

Utah Certified organic pasture and cropland, 2008

Year	Certified operations*	Crops	Pasture & rangeland	Total
	<i>Number</i>	----- <i>Acres</i> -----		
2008	46	72,320	827	73,147
2007	48	72,303	7,784	80,087
2006	12	32,179	4,123	36,302
2005	12	41,039	4,258	45,297
2004	11	35,041	5	35,046
2003	12	29,747	3,056	32,803
2002	19	14,976	1,319	16,295
2001	27	30,086	3,445	33,530
2000	25	30,582	309	30,891
1997	3	20,215	-	20,215

*Number does not include subcontracted organic growers.

Source: USDA, Economic Research Service, based on information from USDA-accredited State and private organic certifiers.

Utah State Organic Agriculture

	2006	2007	2008
Number of certified operations	12	48	46
Crops (acres)	32,179	72,303	72,320
Pasture and rangeland (acres)	4,123	7,784	827
Total Acres	36,302	80,087	73,147

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Organic vs Traditional Farms for Utah and 250 Mile Area

	Organic Farms		Traditional Farms	
	# of Farms	Acres in Farms	# of Farms	Acres in Farms
Utah				
All Counties	154	86,084	16,700	11,094,700
Idaho -select Counties				
TOTAL ID	160	90,772	13,694	7,767,603
Wyoming -select Counties				
TOTAL WY	10	162	3,350	7,197,135
Colorado -select Counties				
TOTAL CO	119	6,627	6,250	3,188,530
Nevada -select Counties				
TOTAL NV	17	1,965	994	3,344,805
<hr/>				
TOTAL FOR ALL OF UTAH AND 250 MILE RADIUS	460	185,610	40,988	32,592,773

All information unless otherwise noted is from the USDA Ag Census, 2007

Certified organic vegetable acreage, by State, 2008

State	Tomatoes	Lettuce	Carrots	Mixed Vegetables		Unclassified/ Other vegetables*	Total vegetables
				≤ 5 acres	> 5 acres		
				Colorado	1		
Idaho	0	1	0	3	44	-	48
Nevada	-	-	-	11	20	-	31
Utah	3	-	-	208	-	-	211
Wyoming	-	-	-	0	-	-	0

Certified organic vegetable acreage, by State, 2003

State	Tomatoes	Lettuce	Carrots	Mixed Vegetables		Unclassified/ Other vegetables*	Total vegetables
				≤ 5 acres	> 5 acres		
				Colorado	4		
Idaho	-	-	-	19	31	50	100
Nevada	-	-	-	5	28	-	33
Utah	-	-	-	-	-	108	108
Wyoming	-	-	-	-	-	2	2

Certified organic vegetable acreage, by State, 1997

State	Tomatoes Acres	Lettuce	Carrots	Mixed vegetables		Unclassified/ Other vegetables	Total vegetables
				(< 5 acres)	(> 5 acres)		
				Colorado	11		
Idaho	23	-	6	6	23	78	136
Utah	-	-	-	-	-	445	445

*In addition to unclassified vegetable acreage, "other" vegetable acreage includes ginger, blue corn, popcorn, shallots, sweet potatoes, yams and many other specialty crops.

Source: USDA, Economic Research Service, based on information from USDA-accredited State and private organic certifiers.

Years between the ones shown here are also available

Utah Farm Characteristics

Tenure of farmers			
	1997	2002	2007
Full owner	10,155	10,504	11,797
Percent of total	64.2	68.7	70.6
Part owner	4,569	3,930	3,971
Percent of total	28.9	25.7	23.8
Tenant owner	1,086	848	932
Percent of total	6.9	5.5	5.6

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Utah Farm Characteristics

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Farm Organization	1997	2002	2007
Individual/farm sole owner	12,955	13,108	13,614
Percent of total	81.9	85.8	81.5
Family-held corporations	759	562	917
Percent of total	4.8	3.7	5.5
Partnerships	1,652	1,315	1,645
Percent of total	10.4	8.6	9.9
Non-family corporations	111	68	97
Percent of total	0.7	0.4	0.6
Estate, trust, co-op...	333	229	427
Percent of total	2.1	1.5	2.6

Utah Farm Characteristics

Principal farm owners characteristics			
	1997	2002	2007
Average operator age (years)	55.1	55.2	57.4
% with farming as primary income	39.7	48.7	57.4
Men	14,926	14,054	14,903
Women	884	1,228	1,797

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UTAH - PRINCIPAL OPERATOR
CHARACTERISTICS FOR
FARMS WITH ORGANIC PRODUCTION

Sex of operator:		
Male	125	
Female	29	
Primary occupation:		
Farming	81	
Other	73	
Place of residence:		
On farm operated	126	
Not on farm operated	28	
Average age	54.7	

UTAH - PRINCIPAL OPERATOR
CHARACTERISTICS - ALL FARMS

	2007	2002
# Principal operators	16700	
Sex of operator:		
Male	14903	
Female	1797	1228
Primary occupation:		
Farming	6340	
Other	10360	
Place of residence:		
On farm operated	11721	
Not on farm operated	4979	
Average age	57.4	

Utah: Leading commodities for cash receipts, 2010

Rank	Items	Value of receipts	Percent of total receipts	Cumulative percent 1/	Percent of U.S. value 2/	Value of U.S. receipts
		1,000 dollars	-----	Percent	-----	1,000 dollars
	All commodities	1,329,421	100.0	--	0.4	314,352,697
	Livestock and products	969,605	72.9	--	0.7	141,444,079
	Crops	359,816	27.1	--	0.2	172,908,618
1	Dairy products	293,058	22.0	22.0	0.9	31,361,181
2	Cattle and calves	283,968	21.4	43.4	0.6	51,531,014
3	Hogs	181,806	13.7	57.1	1.0	17,872,123
4	Hay	143,368	10.8	67.9	2.7	5,402,024
5	Greenhouse/nursery	98,660	7.4	75.3	0.6	15,584,823
6	Turkeys	65,754	4.9	80.2	1.5	4,371,378
7	Chicken eggs	64,329	4.8	85.1	1.0	6,472,778
8	Wheat	35,031	2.6	87.7	0.3	10,866,320
9	Sheep and lambs	23,005	1.7	89.4	4.3	532,166
10	Corn	11,243	0.8	90.3	0.0	44,768,644
11	Cherries	7,283	0.5	90.8	1.0	761,738
12	Barley	6,829	0.5	91.3	0.9	742,414
13	Safflower	3,779	0.3	91.6	9.4	40,053
14	Apples	3,502	0.3	91.9	0.2	2,258,213
15	Peaches	2,929	0.2	92.1	0.5	614,908
16	Wool	2,652	0.2	92.3	7.5	35,128
17	Honey	1,186	0.1	92.4	0.4	280,180
18	Aquaculture	638	0.0	92.4	0.0	1,319,009
19	Oats	448	0.0	92.5	0.4	100,255
20	Apricots	108	0.0	92.5	0.2	47,496
21	Farm chickens	4	0.0	92.5	0.0	71,954

**Number of Farms that marketed products
through Community Supported Agriculture in
Utah - by County**

All Counties	110		
Beaver	1	Piute	1
Box Elder	8	Rich	1
Cache	6	Salt Lake	6
Carbon	-	San Juan	1
Daggett	-	Sanpete	2
Davis	4	Sevier	5
Duchesne	2	Summit	6
Emery	4	Tooele	1
Garfield	1	Uintah	11
Grand	3	Utah	17
Iron	6	Wasatch	2
Juab	11	Washington	1
Kane	1	Wayne	-
Millard	3	Weber	5
Morgan	1		