



United States  
Department of  
Agriculture

National  
Agricultural  
Statistics  
Service



# Farm Computer Usage and Ownership

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# USDA



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## DSL Continues to be the Most Common Internet Access Method

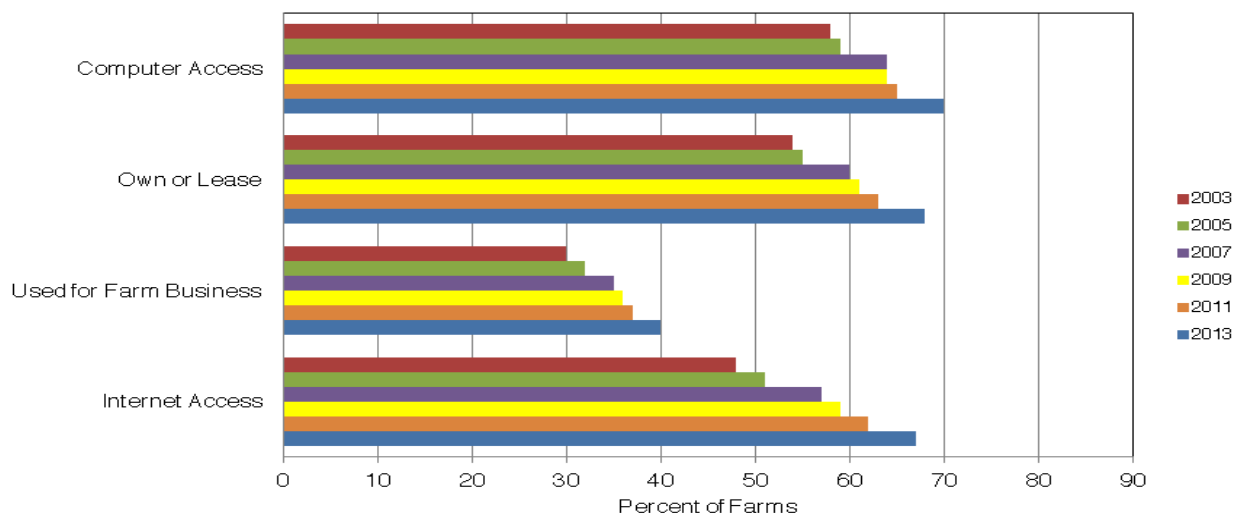
DSL was the most common method of accessing the Internet, with 35 percent of the farms in the United States using it, compared to 38 percent in 2011. Wireless was the second most common method of Internet access at 24 percent in 2013, up from 20 percent in 2011. Dialup access dropped from 12 percent in 2011 to 5 percent in 2013. Cable and satellite access were each reported as the primary Internet access method on 13 and 17 percent of farms in the United States, respectively.

A total of 67 percent of the farms in the United States now have Internet access, compared with 62 percent in 2011. Seventy percent of farms have access to a computer in 2013, up 5 percentage points from 2011. The proportion of United States farms owning or leasing a computer in 2013, at 68 percent, was also up 5 percentage points from 2011. Farms using computers for their farm business increased to 40 percent in 2013 compared to 37 percent in 2011.

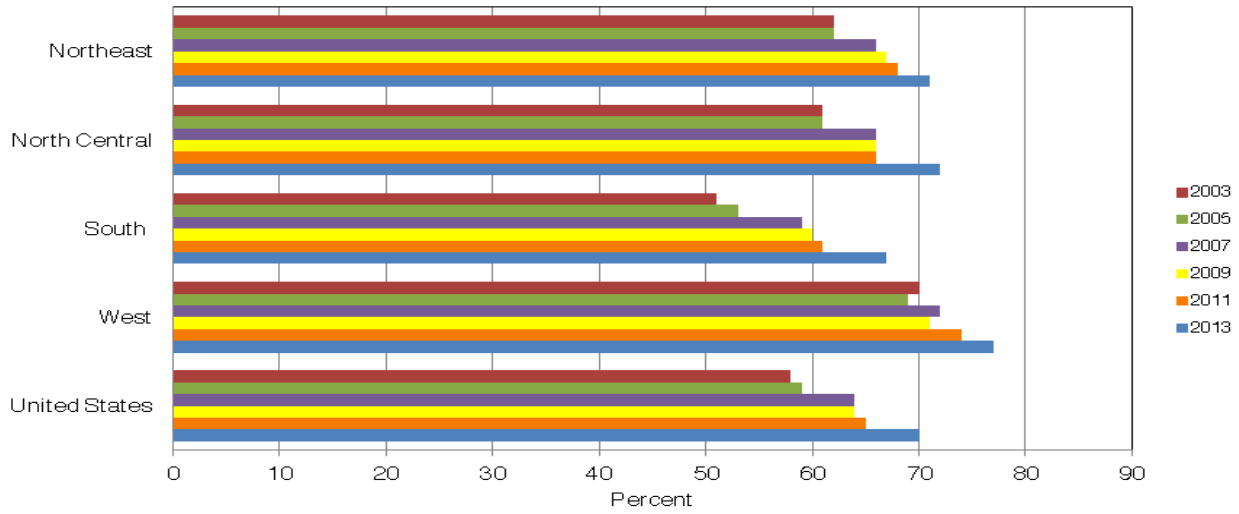
In 2013, 84 percent of the farms in the United States with sales and government payments of \$250,000 or more have access to a computer, 83 percent own or lease a computer, 72 percent are using a computer for their farm business, and 82 percent have Internet access. Of the farms with sales and government payments between \$100,000 and \$249,999, the figures are: 73 percent have access to a computer, 71 percent own or lease a computer, 56 percent are using a computer for their farm business, and 69 percent have Internet access. The farms with sales and government payments between \$10,000 and \$99,999, 68 percent reported having computer access, 66 percent own or lease a computer, 45 percent use a computer for their farm business, and 65 percent have Internet access.

For crop farms, 71 percent have computer access and 45 percent use a computer for their farm business in 2013, both up 4 percentage points from 2011. Internet access for crop farms has increased to 68 percent in 2013, compared with 64 percent in 2011. In 2013, a total of 70 percent of livestock farms have computer access and 66 percent have Internet access.

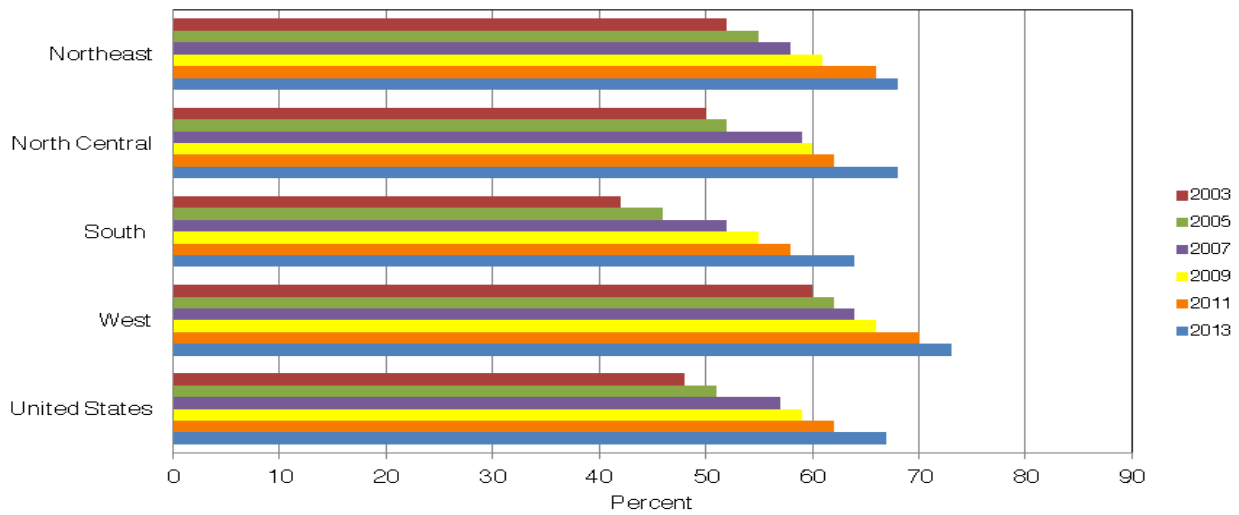
## Farm Computer Usage and Ownership — United States: 2003-2013



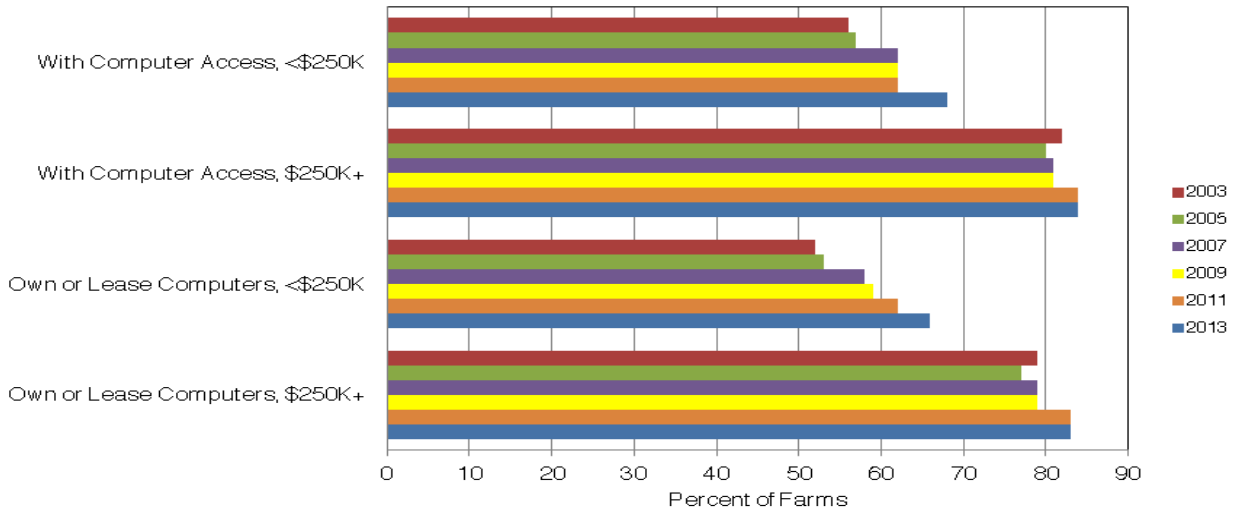
**Percent of Farms With Computer Access —**  
**By Regions and United States: 2003-2013**



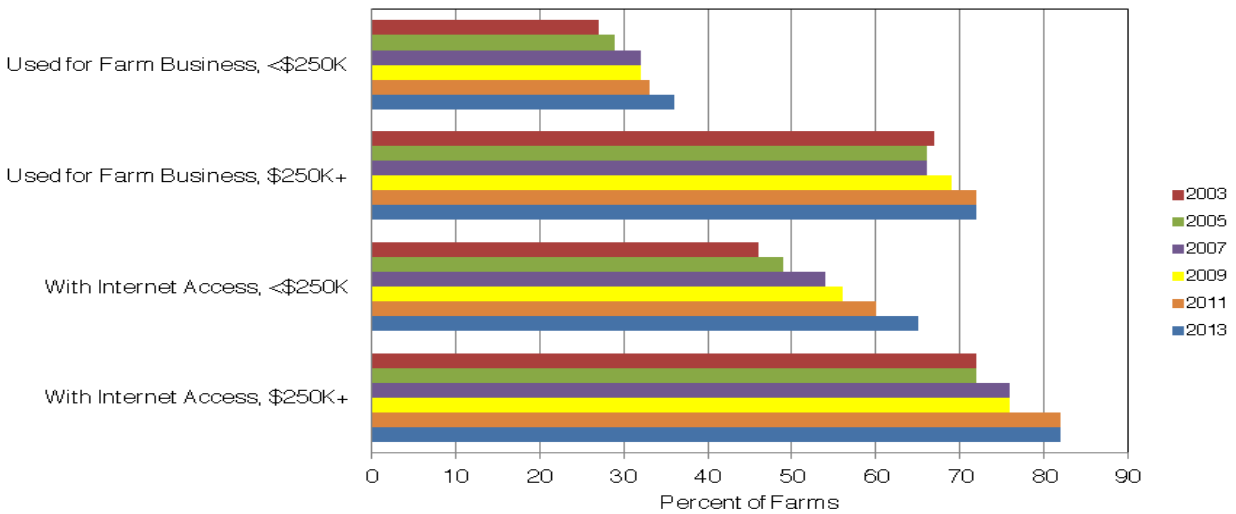
**Percent of Farms With Internet Access —**  
**By Regions and United States: 2003-2013**



**Computer Access and Ownership —**  
**By Economic Class - United States: 2003-2013**



**Farm Business Usage and Internet Access —**  
**By Economic Class - United States: 2003-2013**



## Farm Computer Usage – States and United States: 2009, 2011, and 2013

State	Farms					
	With computer access			That own or lease computers		
	2009	2011	2013	2009	2011	2013
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama .....	57	55	65	54	54	63
Arizona <sup>1</sup> .....	45	55	57	39	52	55
Arkansas .....	65	62	67	61	60	65
California .....	69	68	75	68	65	72
Colorado .....	74	80	78	73	79	77
Florida .....	71	70	71	61	68	70
Georgia .....	54	60	69	52	59	67
Idaho .....	80	83	83	79	82	80
Illinois .....	66	67	71	64	65	70
Indiana .....	68	65	66	65	63	65
Iowa .....	69	69	75	67	68	73
Kansas .....	69	66	71	67	64	70
Kentucky .....	57	59	64	54	58	61
Louisiana .....	53	60	68	51	54	64
Maryland <sup>2</sup> .....	62	60	72	61	59	68
Michigan .....	69	73	71	62	63	69
Minnesota .....	71	68	74	68	65	71
Mississippi .....	53	59	62	50	56	59
Missouri .....	54	57	66	53	55	65
Montana .....	73	76	81	72	74	78
Nebraska .....	69	72	78	68	71	75
New Hampshire <sup>3</sup> .....	83	80	83	78	79	81
New Jersey .....	76	77	80	75	75	79
New Mexico .....	51	57	60	50	55	58
New York .....	71	68	72	68	65	69
North Carolina .....	68	69	70	66	66	67
North Dakota .....	65	69	77	63	69	76
Ohio .....	59	59	68	57	57	65
Oklahoma .....	60	66	66	60	64	64
Oregon .....	79	83	84	75	80	81
Pennsylvania .....	55	60	62	51	57	60
South Carolina .....	59	59	68	58	58	67
South Dakota .....	68	68	74	66	66	72
Tennessee .....	55	55	64	46	51	61
Texas .....	61	60	68	58	57	66
Utah .....	71	85	83	66	77	80
Virginia .....	68	65	66	65	62	65
Washington .....	81	80	84	74	78	81
West Virginia .....	64	61	61	60	59	60
Wisconsin .....	73	73	76	70	71	73
Wyoming .....	81	84	81	80	79	80
United States <sup>4</sup> .....	64	65	70	61	63	68

<sup>1</sup> Includes Arizona and Nevada.

<sup>2</sup> Includes Delaware and Maryland.

<sup>3</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>4</sup> Excludes Alaska and Hawaii.



## Farm Computer Usage – States and United States: 2009, 2011, and 2013

State	Farms					
	Using computers for farm business			With Internet access		
	2009	2011	2013	2009	2011	2013
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama .....	25	25	33	52	53	61
Arizona <sup>1</sup> .....	15	18	31	40	55	55
Arkansas .....	32	29	36	56	58	64
California .....	44	44	44	66	63	72
Colorado .....	44	47	39	68	72	75
Florida .....	38	45	46	65	69	70
Georgia .....	23	38	34	50	57	66
Idaho .....	42	46	43	68	76	79
Illinois .....	44	43	53	61	63	70
Indiana .....	42	39	42	61	62	63
Iowa .....	47	52	53	62	66	71
Kansas .....	42	39	36	64	62	68
Kentucky .....	26	23	30	48	55	61
Louisiana .....	26	28	32	46	53	63
Maryland <sup>2</sup> .....	34	34	37	59	59	68
Michigan .....	41	38	43	61	62	67
Minnesota .....	46	43	51	65	66	70
Mississippi .....	22	27	30	47	51	58
Missouri .....	29	33	30	49	52	62
Montana .....	52	49	48	69	73	77
Nebraska .....	50	52	47	62	69	72
New Hampshire <sup>3</sup> .....	47	50	64	75	78	80
New Jersey .....	46	57	58	75	75	79
New Mexico .....	31	35	30	45	55	55
New York .....	44	42	39	66	66	69
North Carolina .....	37	41	34	63	65	66
North Dakota .....	49	50	51	61	67	73
Ohio .....	39	36	36	55	55	65
Oklahoma .....	32	38	36	57	62	63
Oregon .....	44	50	48	69	80	80
Pennsylvania .....	27	36	34	48	58	59
South Carolina .....	33	30	32	46	53	63
South Dakota .....	45	42	38	62	63	72
Tennessee .....	22	26	29	47	52	61
Texas .....	30	30	36	57	58	66
Utah .....	36	48	45	65	79	76
Virginia .....	32	29	29	67	61	64
Washington .....	50	47	44	77	76	80
West Virginia .....	30	30	31	61	58	58
Wisconsin .....	41	42	46	67	67	72
Wyoming .....	40	37	47	80	78	78
United States <sup>4</sup> .....	36	37	40	59	62	67

<sup>1</sup> Includes Arizona and Nevada.

<sup>2</sup> Includes Delaware and Maryland.

<sup>3</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>4</sup> Excludes Alaska and Hawaii.

## Use of Internet – States and United States: 2009, 2011, and 2013

[Agricultural inputs include seed, fertilizer, chemicals, veterinarian supplies, feed, machinery, replacement parts, farm supplies, office equipment, etc. Agricultural marketing activities include direct sales of commodities, on-line crop and livestock auctions, on-line market advisory services, commodity price tracking, etc.]

State	Farms					
	Purchase agricultural inputs over Internet			Conduct agricultural marketing activities over Internet		
	2009	2011	2013	2009	2011	2013
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama .....	8	9	12	7	4	14
Arizona <sup>1</sup> .....	6	11	16	4	6	12
Arkansas .....	9	11	17	6	7	12
California .....	19	18	18	13	11	14
Colorado .....	10	18	21	11	15	14
Florida .....	22	17	16	15	15	14
Georgia .....	6	13	18	8	15	12
Idaho .....	18	22	20	15	10	9
Illinois .....	11	13	21	14	16	19
Indiana .....	18	10	14	17	9	16
Iowa .....	12	16	19	19	25	30
Kansas .....	14	13	14	10	10	11
Kentucky .....	9	11	12	8	6	9
Louisiana .....	8	11	11	7	10	6
Maryland <sup>2</sup> .....	19	17	21	16	13	14
Michigan .....	17	14	22	11	10	19
Minnesota .....	12	13	16	18	18	24
Mississippi .....	8	10	10	5	10	5
Missouri .....	7	11	10	7	10	8
Montana .....	13	18	21	20	16	17
Nebraska .....	12	15	16	21	23	19
New Hampshire <sup>3</sup> .....	26	30	43	15	18	33
New Jersey .....	30	39	37	18	18	21
New Mexico .....	14	11	16	8	7	8
New York .....	25	24	22	9	10	13
North Carolina .....	16	17	19	12	18	16
North Dakota .....	12	16	16	13	16	20
Ohio .....	14	13	11	16	10	12
Oklahoma .....	12	15	16	11	13	12
Oregon .....	16	17	27	15	15	20
Pennsylvania .....	12	15	17	8	7	12
South Carolina .....	10	11	10	7	8	8
South Dakota .....	10	11	13	18	13	12
Tennessee .....	9	10	11	7	11	10
Texas .....	11	12	11	8	7	8
Utah .....	12	18	23	8	17	13
Virginia .....	10	14	12	6	7	10
Washington .....	23	18	14	16	17	14
West Virginia .....	15	17	20	4	8	10
Wisconsin .....	13	17	17	12	17	17
Wyoming .....	13	15	27	15	8	13
United States <sup>4</sup> .....	13	14	16	11	12	14

<sup>1</sup> Includes Arizona and Nevada.

<sup>2</sup> Includes Delaware and Maryland.

<sup>3</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>4</sup> Excludes Alaska and Hawaii.

## Internet Access of Reports, Services, and Websites – States and United States: 2009, 2011, and 2013

[Reference period for access and usage of USDA reports, research information, and services is the last 12 months prior to June 1 of survey year]

State	Farms								
	Access USDA/NASS reports over Internet			Access other USDA reports/services over Internet			Access other federal government websites over Internet		
	2009	2011	2013	2009	2011	2013	2009	2011	2013
(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama .....	3	3	3	5	10	11	7	7	12
Arizona <sup>1</sup> .....	3	3	2	4	11	10	9	9	12
Arkansas .....	5	4	10	12	12	15	14	12	12
California .....	8	9	4	11	18	15	14	18	15
Colorado .....	10	7	7	12	18	14	11	21	19
Florida .....	5	9	9	9	15	13	9	17	14
Georgia .....	3	3	6	6	14	10	7	11	10
Idaho .....	11	7	16	22	20	25	22	28	25
Illinois .....	10	10	13	14	16	21	10	14	17
Indiana .....	9	7	14	12	9	18	13	8	16
Iowa .....	11	16	15	18	23	23	15	17	15
Kansas .....	9	8	8	14	13	15	16	13	12
Kentucky .....	5	2	6	7	8	9	7	8	7
Louisiana .....	3	7	3	7	10	7	5	9	6
Maryland <sup>2</sup> .....	4	3	5	12	11	16	19	14	21
Michigan .....	7	9	12	12	14	12	15	15	15
Minnesota .....	10	12	11	17	16	19	15	13	13
Mississippi .....	5	4	7	7	10	11	6	9	10
Missouri .....	5	8	6	9	11	12	8	10	9
Montana .....	11	10	10	17	19	16	24	28	24
Nebraska .....	8	9	11	17	17	19	14	17	14
New Hampshire <sup>3</sup> ..	6	8	14	14	22	27	27	28	37
New Jersey .....	13	10	10	17	21	20	18	24	20
New Mexico .....	7	10	7	10	13	5	13	11	10
New York .....	9	8	5	19	11	12	24	21	18
North Carolina .....	5	7	9	14	15	13	14	14	12
North Dakota .....	14	12	11	18	19	21	11	16	14
Ohio .....	6	5	5	10	12	10	13	11	11
Oklahoma .....	6	6	12	11	15	14	11	14	14
Oregon .....	6	8	7	14	18	16	21	25	32
Pennsylvania .....	5	5	5	9	9	10	13	15	13
South Carolina .....	6	5	13	6	6	15	6	4	9
South Dakota .....	7	9	11	16	16	16	16	15	14
Tennessee .....	8	5	6	8	9	11	9	8	10
Texas .....	4	4	4	8	7	8	11	11	12
Utah .....	11	8	12	18	17	20	18	24	20
Virginia .....	7	7	4	13	9	12	16	16	19
Washington .....	6	7	10	16	15	17	23	25	23
West Virginia .....	7	5	7	11	10	16	14	19	14
Wisconsin .....	10	8	9	13	16	16	16	16	21
Wyoming .....	2	4	6	12	9	10	15	20	18
United States <sup>4</sup> .....	7	7	8	12	13	14	13	14	14

<sup>1</sup> Includes Arizona and Nevada.

<sup>2</sup> Includes Delaware and Maryland.

<sup>3</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>4</sup> Excludes Alaska and Hawaii.

## Conducting Business on the Internet – States and United States: 2009, 2011, and 2013

State	Farms					
	Conduct business with any USDA website			Conduct business with any other federal government website		
	2009	2011	2013	2009	2011	2013
(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	
Alabama .....	3	1	7	2	1	1
Arizona <sup>1</sup> .....	2	6	2	2	2	2
Arkansas .....	2	2	11	4	3	9
California .....	7	8	6	5	7	6
Colorado .....	2	9	10	5	10	7
Florida .....	4	6	5	4	7	5
Georgia .....	3	6	5	2	6	4
Idaho .....	9	4	4	10	7	3
Illinois .....	4	6	8	4	4	7
Indiana .....	6	4	7	4	4	6
Iowa .....	6	7	9	3	7	6
Kansas .....	6	5	7	4	3	4
Kentucky .....	4	1	3	3	2	2
Louisiana .....	2	4	5	3	4	3
Maryland <sup>2</sup> .....	2	5	3	10	5	4
Michigan .....	4	3	6	4	2	3
Minnesota .....	7	6	9	5	4	4
Mississippi .....	3	3	6	2	3	5
Missouri .....	3	3	5	2	2	2
Montana .....	6	7	7	4	7	6
Nebraska .....	4	7	10	4	6	5
New Hampshire <sup>3</sup> .....	9	9	20	9	12	12
New Jersey .....	9	13	11	4	12	9
New Mexico .....	7	5	6	7	4	5
New York .....	3	3	1	1	1	1
North Carolina .....	5	6	6	5	5	5
North Dakota .....	6	6	14	6	4	5
Ohio .....	5	3	3	3	2	4
Oklahoma .....	6	5	7	6	4	3
Oregon .....	7	10	6	7	7	9
Pennsylvania .....	3	3	4	4	6	7
South Carolina .....	2	5	7	(Z)	3	1
South Dakota .....	4	6	8	3	5	5
Tennessee .....	4	3	6	5	3	4
Texas .....	3	4	4	4	4	5
Utah .....	9	7	10	4	4	7
Virginia .....	7	2	4	3	2	3
Washington .....	9	7	9	11	10	11
West Virginia .....	2	4	6	(Z)	6	3
Wisconsin .....	5	5	6	4	4	8
Wyoming .....	6	6	6	4	5	3
United States <sup>4</sup> .....	5	5	6	4	4	5

(Z) Less than half of the unit shown.

<sup>1</sup> Includes Arizona and Nevada.

<sup>2</sup> Includes Delaware and Maryland.

<sup>3</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>4</sup> Excludes Alaska and Hawaii.

## Conducting Business on the Internet – States and United States: 2009, 2011, and 2013

State	Farms		
	Conduct business with any non-agricultural website		
	2009	2011	2013
	(percent)	(percent)	(percent)
Alabama .....	24	22	30
Arizona <sup>1</sup> .....	10	34	28
Arkansas .....	27	22	29
California .....	37	38	44
Colorado .....	33	53	50
Florida .....	37	51	49
Georgia .....	13	23	30
Idaho .....	52	54	54
Illinois .....	36	44	47
Indiana .....	42	32	43
Iowa .....	33	38	46
Kansas .....	32	34	36
Kentucky .....	23	16	31
Louisiana .....	21	35	30
Maryland <sup>2</sup> .....	33	35	49
Michigan .....	36	30	49
Minnesota .....	39	36	50
Mississippi .....	22	24	30
Missouri .....	23	25	31
Montana .....	48	56	65
Nebraska .....	40	38	48
New Hampshire <sup>3</sup> .....	56	45	70
New Jersey .....	54	51	49
New Mexico .....	26	35	32
New York .....	47	33	30
North Carolina .....	35	38	35
North Dakota .....	37	38	43
Ohio .....	26	26	31
Oklahoma .....	30	32	39
Oregon .....	51	58	56
Pennsylvania .....	30	34	29
South Carolina .....	13	14	36
South Dakota .....	40	38	38
Tennessee .....	22	26	25
Texas .....	29	34	44
Utah .....	42	57	54
Virginia .....	32	32	40
Washington .....	56	51	53
West Virginia .....	26	28	24
Wisconsin .....	41	43	47
Wyoming .....	36	50	45
United States <sup>4</sup> .....	33	35	40

<sup>1</sup> Includes Arizona and Nevada.

<sup>2</sup> Includes Delaware and Maryland.

<sup>3</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>4</sup> Excludes Alaska and Hawaii.

## Primary Method of Internet Access – States and United States: 2009, 2011, and 2013

[Primary method of Internet access for those operators who have access to the Internet]

State	Dialup			DSL			Cable		
	2009	2011	2013	2009	2011	2013	2009	2011	2013
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama .....	37	24	6	28	49	36	13	10	9
Arizona <sup>1</sup> .....	36	22	3	17	20	29	10	17	10
Arkansas .....	17	7	6	45	43	41	11	11	10
California .....	11	2	1	32	43	27	21	9	24
Colorado .....	12	12	3	14	11	22	7	8	6
Florida .....	21	15	1	54	36	44	4	15	7
Georgia .....	17	11	4	52	61	54	21	8	7
Idaho .....	18	11	12	37	39	34	2	7	11
Illinois .....	20	9	2	22	31	26	6	8	17
Indiana .....	26	20	7	28	25	33	8	6	5
Iowa .....	19	10	6	43	36	34	5	7	11
Kansas .....	14	5	6	35	35	25	11	16	18
Kentucky .....	29	16	1	40	50	50	6	10	13
Louisiana .....	22	15	1	42	37	33	12	9	8
Maryland <sup>2</sup> .....	25	11	4	24	23	5	23	22	30
Michigan .....	29	24	7	27	26	24	13	13	17
Minnesota .....	22	12	7	44	42	43	3	4	7
Mississippi .....	35	16	8	35	35	47	6	12	10
Missouri .....	33	16	6	34	37	35	5	5	5
Montana .....	17	6	3	40	54	66	1	7	3
Nebraska .....	14	8	3	43	34	38	3	5	5
New Hampshire <sup>3</sup> ..	15	6	1	24	37	36	46	29	38
New Jersey .....	11	7	1	40	31	24	37	49	69
New Mexico .....	21	15	4	32	38	61	3	14	6
New York .....	29	15	7	31	51	30	23	15	34
North Carolina .....	20	7	8	53	58	54	11	14	14
North Dakota .....	14	4	4	55	49	31	7	13	30
Ohio .....	34	15	11	29	26	24	13	25	17
Oklahoma .....	22	9	4	41	39	30	5	6	4
Oregon .....	26	9	6	23	32	29	9	10	15
Pennsylvania .....	27	8	7	37	52	43	21	24	23
South Carolina .....	26	15	7	31	37	46	26	18	5
South Dakota .....	13	9	6	45	39	40	11	9	8
Tennessee .....	21	13	4	34	38	34	23	17	20
Texas .....	26	12	6	34	33	32	7	11	11
Utah .....	4	4	1	60	40	53	16	13	11
Virginia .....	39	16	19	20	32	20	9	9	3
Washington .....	24	12	5	29	32	34	9	17	19
West Virginia .....	32	15	7	37	37	34	7	9	12
Wisconsin .....	28	12	3	41	51	43	8	8	5
Wyoming .....	20	10	9	32	18	34	5	4	3
United States <sup>4</sup> .....	23	12	5	36	38	35	11	11	13

<sup>1</sup> Includes Arizona and Nevada.

<sup>2</sup> Includes Delaware and Maryland.

<sup>3</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>4</sup> Excludes Alaska and Hawaii.

## Primary Method of Internet Access – States and United States: 2009, 2011, and 2013

[Primary method of Internet access for those operators who have access to the Internet]

State	Satellite			Wireless			Other/ unknown		
	2009	2011	2013	2009	2011	2013	2009	2011	2013
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama .....	11	7	28	7	6	19	4	4	2
Arizona <sup>1</sup> .....	20	18	35	8	11	8	9	12	15
Arkansas .....	13	19	11	10	14	21	4	6	11
California .....	13	11	20	19	26	19	4	9	9
Colorado .....	32	23	31	28	40	31	7	6	7
Florida .....	18	9	19	3	15	13	(Z)	10	16
Georgia .....	5	5	7	2	14	24	3	1	4
Idaho .....	21	17	12	16	22	28	6	4	3
Illinois .....	16	19	19	31	31	31	5	2	5
Indiana .....	14	16	16	22	26	34	2	7	5
Iowa .....	12	11	14	12	28	28	9	8	7
Kansas .....	22	22	17	15	20	29	3	2	5
Kentucky .....	6	11	16	8	7	12	11	6	8
Louisiana .....	12	13	22	10	19	20	2	7	16
Maryland <sup>2</sup> .....	8	10	18	12	30	38	8	4	5
Michigan .....	6	8	7	20	25	34	5	4	11
Minnesota .....	9	11	10	18	25	27	4	6	6
Mississippi .....	15	21	17	5	10	12	4	6	6
Missouri .....	14	17	23	10	22	29	4	3	2
Montana .....	28	18	11	11	14	15	3	1	2
Nebraska .....	15	15	12	22	36	34	3	2	8
New Hampshire <sup>3</sup> ..	9	12	6	1	10	11	5	6	8
New Jersey .....	3	4	5	4	5	1	5	4	(Z)
New Mexico .....	20	13	14	16	16	9	8	4	6
New York .....	3	5	12	6	10	13	8	4	4
North Carolina .....	5	7	6	8	11	13	3	3	5
North Dakota .....	11	13	9	11	16	19	2	5	7
Ohio .....	9	7	15	12	25	30	3	2	3
Oklahoma .....	17	24	28	13	19	29	2	3	5
Oregon .....	17	17	23	23	26	21	2	6	6
Pennsylvania .....	5	4	9	5	9	13	5	3	5
South Carolina .....	7	9	13	8	18	29	2	3	(Z)
South Dakota .....	9	9	9	19	29	27	3	5	10
Tennessee .....	11	11	11	7	15	26	4	6	5
Texas .....	17	21	24	13	19	23	3	4	4
Utah .....	6	20	5	11	15	28	3	8	2
Virginia .....	15	24	12	12	15	33	5	4	13
Washington .....	15	15	21	20	16	12	3	8	9
West Virginia .....	16	18	20	4	16	25	4	5	2
Wisconsin .....	8	10	13	11	17	32	4	2	4
Wyoming .....	28	36	39	12	32	12	3		3
United States <sup>4</sup> .....	13	15	17	13	20	24	4	4	6

(Z) Less than half of the unit shown.

<sup>1</sup> Includes Arizona and Nevada.

<sup>2</sup> Includes Delaware and Maryland.

<sup>3</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>4</sup> Excludes Alaska and Hawaii.

# Farm Computer Usage by Economic Class, Type of Farm – Regions and United States: 2009, 2011, and 2013

[Economic class refers to sales and government payments received during the previous year]

Region	Farms					
	With computer access			That own or lease computers		
	2009	2011	2013	2009	2011	2013
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Northeast <sup>1</sup>	67	68	71	63	65	69
\$1,000 to \$9,999	67	68	73	63	64	71
\$10,000 to \$99,999	67	69	70	62	67	67
\$100,000 or more	66	69	68	64	65	66
\$100,000 to \$249,999	56	60	57	55	56	56
\$250,000 or more	76	80	79	72	76	75
Crop farms	66	69	72	60	67	69
Livestock farms	67	68	70	65	64	68
North Central <sup>2</sup>	66	66	72	64	64	70
\$1,000 to \$9,999	63	62	68	60	59	66
\$10,000 to \$99,999	60	62	69	58	61	67
\$100,000 or more	77	78	80	75	77	78
\$100,000 to \$249,999	70	71	71	68	70	69
\$250,000 or more	81	82	85	80	81	83
Crop farms	68	68	72	65	66	70
Livestock farms	65	64	71	62	61	69
South <sup>3</sup>	60	61	67	57	59	65
\$1,000 to \$9,999	57	58	66	54	56	64
\$10,000 to \$99,999	61	63	66	57	60	63
\$100,000 or more	75	75	77	72	72	75
\$100,000 to \$249,999	70	67	70	66	63	69
\$250,000 or more	78	80	81	75	77	78
Crop farms	59	62	68	56	60	65
Livestock farms	60	61	67	57	59	65
West <sup>4</sup>	71	74	77	69	72	75
\$1,000 to \$9,999	67	70	73	66	68	71
\$10,000 to \$99,999	69	74	77	66	74	75
\$100,000 or more	82	85	86	79	84	85
\$100,000 to \$249,999	81	79	80	78	77	79
\$250,000 or more	82	90	90	80	89	89
Crop farms	69	74	79	67	72	77
Livestock farms	72	74	75	71	72	73
United States <sup>5</sup>	64	65	70	61	63	68
\$1,000 to \$9,999	60	61	67	57	59	66
\$10,000 to \$99,999	62	63	68	59	62	66
\$100,000 or more	76	77	80	75	77	78
\$100,000 to \$249,999	70	68	73	67	68	71
\$250,000 or more	81	84	84	79	83	83
Crop farms	65	67	71	62	65	69
Livestock farms	63	63	70	60	62	67

<sup>1</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

<sup>2</sup> Includes Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

<sup>3</sup> Includes Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.

<sup>4</sup> Includes Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

<sup>5</sup> Excludes Alaska and Hawaii.



# Farm Computer Usage by Economic Class, Type of Farm – Regions and United States: 2009, 2011, and 2013

[Economic class refers to sales and government payments received during the previous year]

Region	Farms					
	Using computers for farm business			With Internet access		
	2009	2011	2013	2009	2011	2013
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Northeast <sup>1</sup> .....	37	42	44	61	66	68
\$1,000 to \$9,999 .....	32	36	35	61	65	70
\$10,000 to \$99,999 .....	42	45	53	62	67	67
\$100,000 or more .....	51	58	61	57	62	64
\$100,000 to \$249,999 .....	37	42	47	46	49	56
\$250,000 or more .....	64	75	70	68	75	73
Crop farms .....	35	42	44	59	67	68
Livestock farms .....	38	42	44	62	63	67
North Central <sup>2</sup> .....	42	41	44	60	62	68
\$1,000 to \$9,999 .....	27	25	27	56	58	65
\$10,000 to \$99,999 .....	40	41	41	55	56	64
\$100,000 or more .....	63	64	65	71	74	77
\$100,000 to \$249,999 .....	54	53	56	63	67	68
\$250,000 or more .....	70	71	72	77	79	82
Crop farms .....	45	44	48	62	63	68
Livestock farms .....	37	36	37	58	59	67
South <sup>3</sup> .....	29	31	34	55	58	64
\$1,000 to \$9,999 .....	22	25	26	52	55	63
\$10,000 to \$99,999 .....	35	36	42	56	59	63
\$100,000 or more .....	58	55	60	69	70	75
\$100,000 to \$249,999 .....	50	43	52	65	62	69
\$250,000 or more .....	65	66	67	72	75	78
Crop farms .....	29	32	35	54	59	64
Livestock farms .....	29	30	33	55	58	64
West <sup>4</sup> .....	42	44	43	66	70	73
\$1,000 to \$9,999 .....	32	31	29	64	65	69
\$10,000 to \$99,999 .....	41	54	53	63	72	73
\$100,000 or more .....	67	71	68	75	84	83
\$100,000 to \$249,999 .....	61	62	60	72	76	76
\$250,000 or more .....	71	79	73	78	89	87
Crop farms .....	44	49	46	66	70	75
Livestock farms .....	41	40	40	66	70	71
United States <sup>5</sup> .....	36	37	40	59	62	67
\$1,000 to \$9,999 .....	25	27	28	56	58	65
\$10,000 to \$99,999 .....	38	41	45	57	60	65
\$100,000 or more .....	61	63	66	70	76	77
\$100,000 to \$249,999 .....	52	52	56	63	67	69
\$250,000 or more .....	69	72	72	76	82	82
Crop farms .....	40	41	45	60	64	68
Livestock farms .....	33	34	36	58	61	66

<sup>1</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

<sup>2</sup> Includes Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

<sup>3</sup> Includes Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.

<sup>4</sup> Includes Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

<sup>5</sup> Excludes Alaska and Hawaii.

## Use of Internet by Economic Class, Type of Farm – Regions and United States: 2009, 2011, and 2013

[Economic class refers to sales and government payments received during the previous year. Agricultural inputs include seed, fertilizer, chemicals, veterinarian supplies, feed, machinery, replacement parts, farm supplies, office equipment, etc. Agricultural marketing activities include direct sales of commodities, on-line crop and livestock auctions, on-line market advisory services, commodity price tracking, etc.]

Region	Farms					
	Purchase agricultural inputs over Internet			Conduct agricultural marketing activities over Internet		
	2009	2011	2013	2009	2011	2013
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Northeast <sup>1</sup> .....	19	22	26	11	10	17
\$1,000 to \$9,999 .....	18	19	21	6	8	12
\$10,000 to \$99,999 .....	17	26	28	13	13	25
\$100,000 or more .....	27	28	38	22	16	23
\$100,000 to \$249,999 .....	19	17	30	15	11	14
\$250,000 or more .....	37	40	45	32	22	30
Crop farms .....	20	23	24	10	10	17
Livestock farms .....	19	21	28	11	10	17
North Central <sup>2</sup> .....	12	13	16	14	15	18
\$1,000 to \$9,999 .....	9	9	9	6	6	6
\$10,000 to \$99,999 .....	11	12	14	12	13	15
\$100,000 or more .....	17	21	26	27	29	33
\$100,000 to \$249,999 .....	13	15	20	19	22	26
\$250,000 or more .....	21	25	29	32	33	37
Crop farms .....	12	13	17	16	17	21
Livestock farms .....	13	14	14	12	11	12
South <sup>3</sup> .....	11	13	13	8	9	10
\$1,000 to \$9,999 .....	9	10	9	5	6	6
\$10,000 to \$99,999 .....	11	14	17	11	12	15
\$100,000 or more .....	22	25	29	24	24	27
\$100,000 to \$249,999 .....	19	21	24	21	17	23
\$250,000 or more .....	25	29	33	26	30	29
Crop farms .....	10	12	13	9	10	10
Livestock farms .....	11	13	13	8	9	10
West <sup>4</sup> .....	16	17	20	13	13	14
\$1,000 to \$9,999 .....	13	13	15	8	7	8
\$10,000 to \$99,999 .....	14	21	24	15	19	18
\$100,000 or more .....	23	26	31	24	23	27
\$100,000 to \$249,999 .....	17	20	23	17	19	24
\$250,000 or more .....	28	31	36	29	28	30
Crop farms .....	15	18	19	15	13	15
Livestock farms .....	16	17	20	12	13	14
United States <sup>5</sup> .....	13	14	16	11	12	14
\$1,000 to \$9,999 .....	10	11	10	6	7	7
\$10,000 to \$99,999 .....	12	15	17	12	13	16
\$100,000 or more .....	20	23	27	25	26	30
\$100,000 to \$249,999 .....	15	17	22	19	20	24
\$250,000 or more .....	24	28	31	31	31	34
Crop farms .....	12	14	16	14	14	17
Livestock farms .....	13	14	15	10	10	12

<sup>1</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

<sup>2</sup> Includes Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

<sup>3</sup> Includes Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.

<sup>4</sup> Includes Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

<sup>5</sup> Excludes Alaska and Hawaii.

## Internet Access of Reports, Services, and Websites by Economic Class, Type of Farm – Regions and United States: 2009, 2011, and 2013

[Economic class refers to sales and government payments received during the previous year. Reference period for access and usage of USDA reports, research information, and services is the last 12 months prior to June 1 of survey year]

Region	Farms								
	Access USDA/NASS reports over Internet			Access other USDA reports/services over Internet			Access other federal government websites over Internet		
	2009	2011	2013	2009	2011	2013	2009	2011	2013
(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Northeast <sup>1</sup>	7	6	7	13	13	16	21	18	20
\$1,000 to \$9,999	6	5	4	11	10	10	21	17	17
\$10,000 to \$99,999	7	9	11	13	13	23	22	19	23
\$100,000 or more	10	9	10	19	21	23	19	23	23
\$100,000 to \$249,999	7	10	10	13	14	19	13	17	19
\$250,000 or more	13	9	11	27	27	27	27	29	26
Crop farms	8	7	10	14	16	18	21	20	24
Livestock farms	6	6	4	12	10	14	21	17	16
North Central <sup>2</sup>	9	10	10	14	15	17	13	13	14
\$1,000 to \$9,999	4	4	5	7	7	7	9	10	10
\$10,000 to \$99,999	8	9	8	12	14	15	12	12	12
\$100,000 or more	16	18	19	25	28	30	18	21	22
\$100,000 to \$249,999	12	14	14	19	21	25	14	16	16
\$250,000 or more	19	21	23	29	33	34	21	24	26
Crop farms	10	11	13	16	18	20	14	15	17
Livestock farms	6	7	7	10	11	11	12	11	11
South <sup>3</sup>	5	5	7	9	10	11	10	11	12
\$1,000 to \$9,999	3	3	4	6	7	7	9	9	10
\$10,000 to \$99,999	7	6	10	11	12	15	11	12	14
\$100,000 or more	12	12	14	21	23	25	19	21	19
\$100,000 to \$249,999	11	7	9	18	17	19	18	17	17
\$250,000 or more	13	17	18	24	29	30	19	23	21
Crop farms	5	6	7	10	11	12	11	12	13
Livestock farms	5	4	6	8	10	11	10	11	11
West <sup>4</sup>	8	8	8	14	17	15	18	21	20
\$1,000 to \$9,999	4	4	5	9	11	10	16	18	19
\$10,000 to \$99,999	6	10	11	12	20	17	15	24	16
\$100,000 or more	18	16	14	26	30	26	26	28	27
\$100,000 to \$249,999	10	12	10	15	26	20	19	23	22
\$250,000 or more	25	20	17	35	34	30	32	32	30
Crop farms	11	11	8	18	21	15	20	25	21
Livestock farms	5	6	8	9	13	15	16	19	19
United States <sup>5</sup>	7	7	8	12	13	14	13	14	14
\$1,000 to \$9,999	4	4	4	7	8	8	11	11	12
\$10,000 to \$99,999	7	8	9	12	14	16	13	14	14
\$100,000 or more	15	16	17	24	27	28	20	22	22
\$100,000 to \$249,999	11	12	12	18	20	22	16	18	17
\$250,000 or more	18	20	20	29	32	32	23	25	25
Crop farms	9	9	10	15	16	17	15	16	17
Livestock farms	5	5	7	9	11	11	12	13	13

<sup>1</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

<sup>2</sup> Includes Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

<sup>3</sup> Includes Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.

<sup>4</sup> Includes Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

<sup>5</sup> Excludes Alaska and Hawaii.

# Conducting Business on the Internet by Economic Class, Type of Farm – Regions and United States: 2009, 2011, and 2013

[Economic class refers to sales and government payments received during the previous year]

Region	Farms					
	Conduct business with any USDA website			Conduct business with any other federal government website		
	2009	2011	2013	2009	2011	2013
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Northeast <sup>1</sup>	5	5	7	5	6	7
\$1,000 to \$9,999	4	3	6	5	7	5
\$10,000 to \$99,999	7	7	9	3	6	8
\$100,000 or more	6	9	11	6	7	12
\$100,000 to \$249,999	3	6	9	4	2	10
\$250,000 or more	10	13	12	7	12	13
Crop farms	6	6	10	4	6	9
Livestock farms	4	4	5	5	7	5
North Central <sup>2</sup>	5	5	7	4	4	5
\$1,000 to \$9,999	2	2	2	2	2	2
\$10,000 to \$99,999	5	4	7	4	3	4
\$100,000 or more	9	10	14	6	8	9
\$100,000 to \$249,999	6	8	10	4	5	7
\$250,000 or more	10	12	16	7	9	10
Crop farms	6	6	9	4	5	7
Livestock farms	4	3	4	3	2	3
South <sup>3</sup>	4	4	5	4	4	4
\$1,000 to \$9,999	3	2	3	3	2	3
\$10,000 to \$99,999	4	4	7	4	4	5
\$100,000 or more	9	11	12	7	11	10
\$100,000 to \$249,999	7	7	10	4	8	8
\$250,000 or more	10	14	14	9	14	11
Crop farms	5	4	6	4	4	5
Livestock farms	3	3	5	4	3	4
West <sup>4</sup>	7	7	6	6	7	6
\$1,000 to \$9,999	4	5	3	5	5	4
\$10,000 to \$99,999	5	8	8	4	7	7
\$100,000 or more	13	13	13	11	11	12
\$100,000 to \$249,999	9	11	9	7	9	9
\$250,000 or more	16	15	17	14	13	15
Crop farms	9	9	7	7	7	8
Livestock farms	5	6	6	5	6	5
United States <sup>5</sup>	5	5	6	4	4	5
\$1,000 to \$9,999	3	3	3	3	3	3
\$10,000 to \$99,999	5	5	7	4	4	5
\$100,000 or more	9	11	13	7	9	10
\$100,000 to \$249,999	7	8	10	5	6	8
\$250,000 or more	11	13	15	9	11	11
Crop farms	6	6	8	5	5	7
Livestock farms	4	4	5	4	4	4

<sup>1</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

<sup>2</sup> Includes Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

<sup>3</sup> Includes Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.

<sup>4</sup> Includes Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

<sup>5</sup> Excludes Alaska and Hawaii.

## Conducting Business on the Internet by Economic Class, Type of Farm – Regions and United States: 2009, 2011, and 2013

[Economic class refers to sales and government payments received during the previous year]

Region	Farms		
	Conduct business with any non-agricultural website		
	2009	2011	2013
	(percent)	(percent)	(percent)
Northeast <sup>1</sup>	41	37	39
\$1,000 to \$9,999	42	37	37
\$10,000 to \$99,999	44	37	40
\$100,000 or more	34	40	41
\$100,000 to \$249,999	26	29	30
\$250,000 or more	45	51	52
Crop farms	41	39	43
Livestock farms	41	36	35
North Central <sup>2</sup>	35	35	42
\$1,000 to \$9,999	32	30	39
\$10,000 to \$99,999	30	32	37
\$100,000 or more	42	44	51
\$100,000 to \$249,999	35	37	42
\$250,000 or more	48	50	57
Crop farms	36	36	44
Livestock farms	32	32	40
South <sup>3</sup>	27	30	36
\$1,000 to \$9,999	25	27	33
\$10,000 to \$99,999	27	31	39
\$100,000 or more	36	40	43
\$100,000 to \$249,999	33	33	40
\$250,000 or more	39	46	46
Crop farms	27	29	35
Livestock farms	27	30	36
West <sup>4</sup>	41	48	49
\$1,000 to \$9,999	42	46	45
\$10,000 to \$99,999	37	49	52
\$100,000 or more	45	53	56
\$100,000 to \$249,999	36	45	50
\$250,000 or more	52	60	60
Crop farms	40	49	50
Livestock farms	42	47	48
United States <sup>5</sup>	33	35	40
\$1,000 to \$9,999	31	32	37
\$10,000 to \$99,999	31	34	40
\$100,000 or more	41	45	49
\$100,000 to \$249,999	34	37	42
\$250,000 or more	47	51	55
Crop farms	35	37	43
Livestock farms	31	33	39

<sup>1</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

<sup>2</sup> Includes Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

<sup>3</sup> Includes Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.

<sup>4</sup> Includes Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

<sup>5</sup> Excludes Alaska and Hawaii.

# Primary Method of Internet Access by Economic Class – Regions and United States: 2009, 2011, and 2013

[Primary method of Internet access for those operators who have access to the Internet. Economic class refers to sales and government payments received during the previous year]

Region	Dialup			DSL			Cable		
	2009	2011	2013	2009	2011	2013	2009	2011	2013
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Northeast <sup>1</sup>	23	9	5	32	47	37	30	25	33
\$1,000 to \$9,999	25	9	6	30	50	36	32	26	34
\$10,000 to \$99,999	15	10	3	33	46	39	29	23	36
\$100,000 or more	25	8	5	39	35	38	22	23	26
\$100,000 to \$249,999	29	12	7	37	46	44	22	13	19
\$250,000 or more	22	6	4	40	29	34	23	29	30
Crop farms	22	9	5	30	48	38	36	27	34
Livestock farms	23	9	5	34	46	36	26	23	32
North Central <sup>2</sup>	23	13	6	37	36	33	7	9	11
\$1,000 to \$9,999	27	16	7	38	36	34	7	11	14
\$10,000 to \$99,999	23	12	5	36	36	33	9	10	10
\$100,000 or more	18	8	5	37	37	33	5	7	8
\$100,000 to \$249,999	24	11	5	35	37	34	6	7	9
\$250,000 or more	15	7	5	38	36	33	5	7	8
Crop farms	20	10	5	37	37	32	7	10	12
Livestock farms	27	15	7	37	35	36	7	8	9
South <sup>3</sup>	26	13	6	37	39	36	10	11	11
\$1,000 to \$9,999	27	13	6	36	39	33	10	11	12
\$10,000 to \$99,999	25	15	6	38	40	42	11	11	10
\$100,000 or more	19	10	4	41	42	40	8	10	9
\$100,000 to \$249,999	22	11	5	43	41	37	7	11	11
\$250,000 or more	17	9	4	40	42	41	9	10	7
Crop farms	22	11	5	42	40	37	10	11	11
Livestock farms	28	13	6	35	39	36	10	11	11
West <sup>4</sup>	17	9	4	31	34	35	11	11	14
\$1,000 to \$9,999	17	10	5	29	34	35	14	13	15
\$10,000 to \$99,999	17	12	5	37	35	35	10	6	14
\$100,000 or more	17	6	3	28	35	35	6	8	11
\$100,000 to \$249,999	23	4	4	30	33	35	7	9	11
\$250,000 or more	13	8	2	26	36	35	5	8	11
Crop farms	17	6	3	33	35	35	7	10	15
Livestock farms	18	11	6	28	34	35	14	11	12
United States <sup>5</sup>	23	12	5	36	38	35	11	11	13
\$1,000 to \$9,999	25	13	6	35	38	34	12	13	15
\$10,000 to \$99,999	23	13	5	37	38	38	11	11	12
\$100,000 or more	19	8	4	36	37	35	7	9	10
\$100,000 to \$249,999	24	10	5	36	37	36	7	8	10
\$250,000 or more	15	7	4	37	37	35	7	9	10
Crop farms	20	10	5	37	38	34	10	12	14
Livestock farms	26	13	6	35	38	36	11	11	12

<sup>1</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

<sup>2</sup> Includes Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

<sup>3</sup> Includes Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.

<sup>4</sup> Includes Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

<sup>5</sup> Excludes Alaska and Hawaii.

## Primary Method of Internet Access by Economic Class – Regions and United States: 2009, 2011, and 2013

[Primary method of Internet access for those operators who have access to the Internet. Economic class refers to sales and government payments received during the previous year]

Region	Satellite			Wireless			Other/ unknown		
	2009	2011	2013	2009	2011	2013	2009	2011	2013
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Northeast <sup>1</sup> .....	5	6	8	4	9	11	6	4	6
\$1,000 to \$9,999 .....	5	3	7	3	8	10	5	4	7
\$10,000 to \$99,999 .....	7	11	10	5	8	10	11	2	2
\$100,000 or more .....	5	12	12	6	15	14	3	7	5
\$100,000 to \$249,999 ....	4	9	15	7	17	13	1	3	2
\$250,000 or more .....	5	14	10	5	14	15	5	8	7
Crop farms .....	2	3	7	4	8	8	6	5	8
Livestock farms .....	8	9	10	3	10	13	6	3	4
North Central <sup>2</sup> .....	12	13	14	17	25	30	4	4	6
\$1,000 to \$9,999 .....	10	12	13	15	21	27	3	4	5
\$10,000 to \$99,999 .....	12	13	15	14	25	31	6	4	6
\$100,000 or more .....	15	14	15	21	30	33	4	4	6
\$100,000 to \$249,999 ....	13	12	13	19	28	33	3	5	6
\$250,000 or more .....	16	16	16	22	31	32	4	3	6
Crop farms .....	13	12	13	18	27	32	5	4	6
Livestock farms .....	11	15	17	14	23	26	4	4	5
South <sup>3</sup> .....	13	17	19	10	16	22	4	4	6
\$1,000 to \$9,999 .....	13	18	20	10	15	23	4	4	6
\$10,000 to \$99,999 .....	15	15	17	8	15	20	3	4	5
\$100,000 or more .....	14	15	17	14	18	23	4	5	7
\$100,000 to \$249,999 ....	13	16	17	12	17	22	3	4	8
\$250,000 or more .....	15	15	18	15	19	24	4	5	6
Crop farms .....	14	14	17	9	18	24	3	6	6
Livestock farms .....	13	18	20	10	15	21	4	4	6
West <sup>4</sup> .....	19	17	21	18	23	19	4	6	7
\$1,000 to \$9,999 .....	17	16	21	19	21	17	4	6	7
\$10,000 to \$99,999 .....	16	17	18	16	25	21	4	5	7
\$100,000 or more .....	26	19	23	19	24	22	4	8	6
\$100,000 to \$249,999 ....	22	18	18	15	25	25	3	11	7
\$250,000 or more .....	30	19	26	21	23	20	5	6	6
Crop farms .....	21	18	19	18	23	22	4	8	6
Livestock farms .....	17	17	22	19	22	17	4	5	8
United States <sup>5</sup> .....	13	15	17	13	20	24	4	4	6
\$1,000 to \$9,999 .....	12	14	17	12	17	22	4	5	6
\$10,000 to \$99,999 .....	13	14	16	11	20	24	5	4	5
\$100,000 or more .....	16	15	17	18	26	28	4	5	6
\$100,000 to \$249,999 ....	14	14	15	16	25	28	3	6	6
\$250,000 or more .....	18	16	17	19	26	28	4	5	6
Crop farms .....	14	13	14	15	22	27	4	5	6
Livestock farms .....	13	16	19	11	18	21	4	4	6

<sup>1</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

<sup>2</sup> Includes Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

<sup>3</sup> Includes Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.

<sup>4</sup> Includes Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

<sup>5</sup> Excludes Alaska and Hawaii.

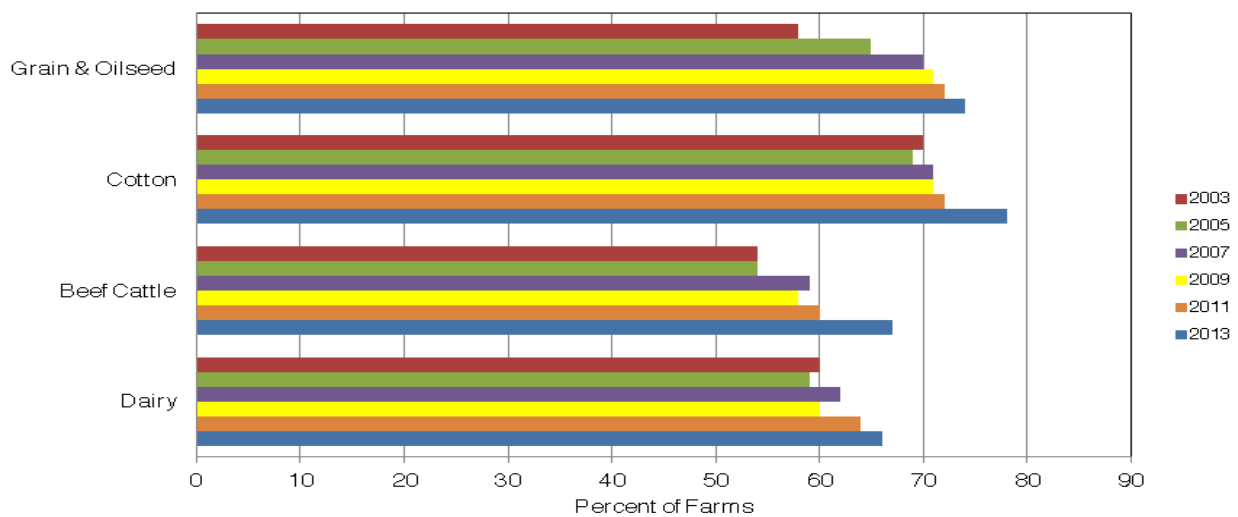
## Farm Computer Usage by Economic Class, Type of Farm – United States: 2009, 2011, and 2013

[Economic class refers to sales and government payments received during the previous year]

Type of farm	Farms					
	With computer access			That own or lease computers		
	2009	2011	2013	2009	2011	2013
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Grain and oilseed farms .....	71	72	74	68	71	72
\$1,000 to \$249,999 .....	65	66	67	62	65	65
\$250,000 or more .....	82	86	85	81	83	83
Cotton farms .....	71	72	78	69	70	77
\$1,000 to \$249,999 .....	69	69	69	68	68	68
\$250,000 or more .....	78	78	85	77	77	84
Beef cattle farms .....	58	60	67	55	58	65
\$1,000 to \$249,999 .....	58	59	66	55	58	63
\$250,000 or more .....	77	81	81	75	80	80
Dairy farms .....	60	64	66	57	63	64
\$1,000 to \$249,999 .....	48	52	49	45	51	47
\$250,000 or more .....	81	83	79	79	81	77
Crop farms .....	65	67	71	62	65	69
\$1,000 to \$249,999 .....	62	63	68	58	61	66
\$250,000 or more .....	82	84	85	80	83	84
Livestock farms .....	63	63	70	60	62	67
\$1,000 to \$249,999 .....	62	62	69	59	60	66
\$250,000 or more .....	77	82	82	75	81	79
All farms <sup>1</sup> .....	64	65	70	61	63	68
\$1,000 to \$249,999 .....	62	62	68	59	62	66
\$250,000 or more .....	81	84	84	79	83	83

<sup>1</sup> Excludes Alaska and Hawaii.

### Computer Access — By Type of Farm - United States: 2003-2013





## Farm Computer Usage by Economic Class, Type of Farm – United States: 2009, 2011, and 2013

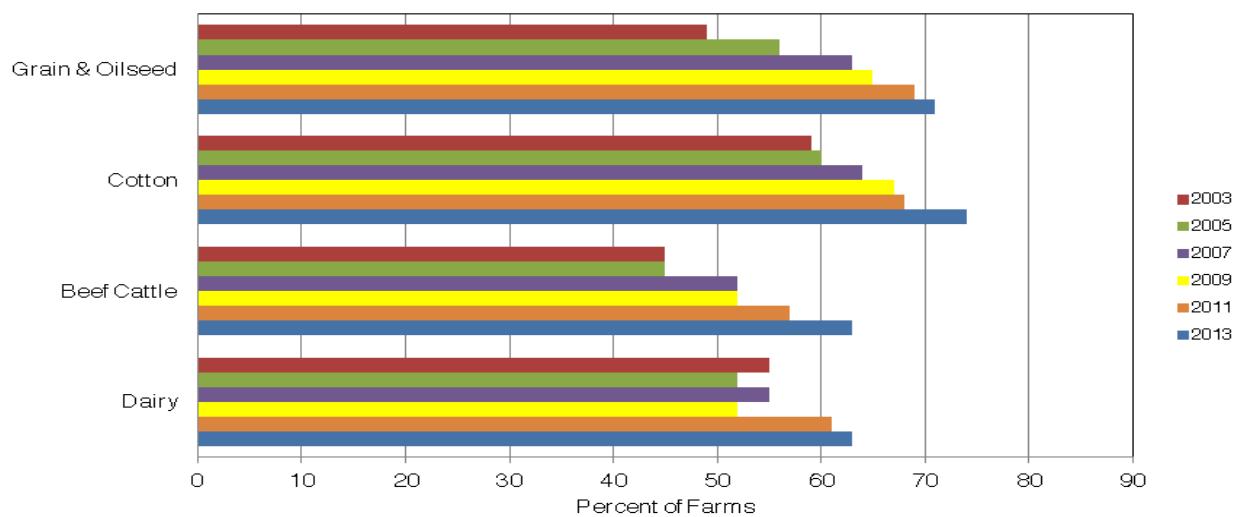
[Economic class refers to sales and government payments received during the previous year]

Type of farm	Farms					
	Using computers for farm business			With Internet access		
	2009	2011	2013	2009	2011	2013
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Grain and oilseed farms .....	52	53	56	65	69	71
\$1,000 to \$249,999 .....	43	43	47	58	63	64
\$250,000 or more .....	71	72	71	79	82	82
Cotton farms .....	50	54	58	67	68	74
\$1,000 to \$249,999 .....	46	45	50	59	62	65
\$250,000 or more .....	56	61	65	72	73	81
Beef cattle farms .....	30	32	35	52	57	63
\$1,000 to \$249,999 .....	29	31	34	51	56	62
\$250,000 or more .....	58	67	57	70	79	78
Dairy farms .....	45	49	50	52	61	63
\$1,000 to \$249,999 .....	30	35	31	41	49	46
\$250,000 or more .....	69	71	71	77	79	76
Crop farms .....	40	41	45	60	64	68
\$1,000 to \$249,999 .....	33	34	38	56	60	65
\$250,000 or more .....	71	73	73	77	83	83
Livestock farms .....	33	34	36	58	61	66
\$1,000 to \$249,999 .....	32	32	34	56	59	65
\$250,000 or more .....	64	69	67	72	79	77
All farms <sup>1</sup> .....	36	37	40	59	62	67
\$1,000 to \$249,999 .....	32	33	36	56	60	65
\$250,000 or more .....	69	72	72	76	82	82

<sup>1</sup> Excludes Alaska and Hawaii.

### Internet Access —

By Type of Farm - United States: 2003-2013



## Primary Method of Internet Access by Economic Class, Type of Farm – United States: 2009, 2011, and 2013

[Primary method of Internet access for those operators who have access to the Internet. Economic class refers to sales and government payments received during the previous year]

Type of farm	Dialup			DSL			Cable		
	2009	2011	2013	2009	2011	2013	2009	2011	2013
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Grain and oilseed farms .....	19	9	5	36	35	31	7	10	11
\$1,000 to \$249,999 .....	23	10	5	36	36	31	8	12	12
\$250,000 or more .....	14	6	4	37	35	32	5	7	9
Cotton farms .....	16	9	3	30	38	33	16	8	8
\$1,000 to \$249,999 .....	13	6	4	29	37	35	23	8	7
\$250,000 or more .....	19	12	3	32	38	31	7	8	8
Beef cattle farms .....	28	15	7	36	37	39	8	12	9
\$1,000 to \$249,999 .....	29	15	7	36	37	40	8	12	9
\$250,000 or more .....	15	12	6	41	37	36	4	6	6
Dairy farms .....	32	12	7	31	41	37	11	7	10
\$1,000 to \$249,999 .....	37	14	8	30	46	44	10	6	8
\$250,000 or more .....	28	9	6	33	37	34	11	8	12
Crop farms .....	20	10	5	37	38	34	10	12	14
\$1,000 to \$249,999 .....	22	11	5	37	38	34	11	13	15
\$250,000 or more .....	13	6	4	37	37	34	7	9	10
Livestock farms .....	26	13	6	35	38	36	11	11	12
\$1,000 to \$249,999 .....	26	13	6	35	38	36	11	11	12
\$250,000 or more .....	19	10	6	37	36	37	7	8	8
All farms <sup>1</sup> .....	23	12	5	36	38	35	11	11	13
\$1,000 to \$249,999 .....	24	12	6	36	38	35	11	12	13
\$250,000 or more .....	15	7	4	37	37	35	7	9	10

<sup>1</sup> Excludes Alaska and Hawaii.

## Primary Method of Internet Access by Economic Class, Type of Farm – United States: 2009, 2011, and 2013

[Primary method of Internet access for those operators who have access to the Internet. Economic class refers to sales and government payments received during the previous year]

Type of farm	Satellite			Wireless			Other/ unknown		
	2009	2011	2013	2009	2011	2013	2009	2011	2013
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Grain and oilseed farms .....	14	14	15	19	28	32	5	4	6
\$1,000 to \$249,999 .....	12	12	14	16	26	32	5	4	6
\$250,000 or more .....	18	17	17	22	31	32	4	4	6
Cotton farms .....	15	18	22	19	24	27	4	3	7
\$1,000 to \$249,999 .....	17	19	16	14	25	26	4	5	12
\$250,000 or more .....	14	17	26	25	23	29	3	2	3
Beef cattle farms .....	14	16	18	10	16	22	4	4	5
\$1,000 to \$249,999 .....	13	16	18	10	16	21	4	4	5
\$250,000 or more .....	17	21	26	17	19	22	6	5	4
Dairy farms .....	11	14	15	12	23	25	3	3	6
\$1,000 to \$249,999 .....	10	14	15	9	19	19	4	1	6
\$250,000 or more .....	11	14	14	15	27	28	2	5	6
Crop farms .....	14	13	14	15	22	27	4	5	6
\$1,000 to \$249,999 .....	12	12	14	14	21	26	4	5	6
\$250,000 or more .....	18	15	17	21	28	29	4	5	6
Livestock farms .....	13	16	19	11	18	21	4	4	6
\$1,000 to \$249,999 .....	13	16	19	11	18	21	4	4	6
\$250,000 or more .....	17	19	20	16	23	23	4	4	6
All farms <sup>1</sup> .....	13	15	17	13	20	24	4	4	6
\$1,000 to \$249,999 .....	13	14	17	12	20	23	4	4	6
\$250,000 or more .....	18	16	17	19	26	28	4	5	6

<sup>1</sup> Excludes Alaska and Hawaii.

## Farm Numbers

To help equate the percentages published in this report to actual farm counts, a table showing "Number of Farms: by State and United States" from the February 2013 NASS publication "Farms, Land in Farms, and Livestock Operations" is included below. A farm is "any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the year."

### Number of Farms by States and United States: 2009, 2011, and 2012

[2013 number of farms not available until February 2014]

State	2009 (number)	2011 (number)	2012 (number)
Alabama .....	48,500	47,500	46,500
Arizona .....	15,500	15,500	15,500
Arkansas .....	49,100	48,300	47,800
California .....	81,500	81,500	80,500
Colorado .....	36,200	36,700	36,300
Delaware .....	2,480	2,500	2,500
Florida .....	47,500	47,500	47,500
Georgia .....	47,600	47,000	47,000
Idaho .....	25,500	24,700	24,500
Illinois .....	75,800	74,600	74,300
Indiana .....	61,500	62,000	60,000
Iowa .....	92,600	92,300	92,200
Kansas .....	65,500	65,500	65,500
Kentucky .....	85,500	85,500	85,500
Louisiana .....	30,000	29,000	29,000
Maryland .....	12,800	12,800	12,800
Michigan .....	54,800	54,900	54,700
Minnesota .....	81,000	79,800	79,400
Mississippi .....	42,300	42,400	42,300
Missouri .....	108,000	106,500	106,000
Montana .....	29,800	29,300	28,600
Nebraska .....	47,200	46,800	46,700
Nevada .....	3,080	2,980	2,950
New Hampshire <sup>1</sup> .....	33,070	33,070	33,070
New Jersey .....	10,300	10,300	10,200
New Mexico .....	20,700	23,000	23,800
New York .....	36,600	36,000	36,000
North Carolina .....	52,400	50,400	50,000
North Dakota .....	32,000	31,800	31,600
Ohio .....	74,900	73,700	73,400
Oklahoma .....	86,500	85,500	85,500
Oregon .....	38,600	38,300	38,100
Pennsylvania .....	63,200	62,200	62,100
South Carolina .....	27,000	27,000	26,700
South Dakota .....	31,500	31,300	31,000
Tennessee .....	78,700	77,300	76,000
Texas .....	247,500	245,000	244,700
Utah .....	16,600	16,600	16,400
Virginia .....	47,000	46,400	46,200
Washington .....	39,500	39,500	39,300
West Virginia .....	23,200	22,500	22,100
Wisconsin .....	78,000	77,000	76,800
Wyoming .....	11,000	11,000	10,800
United States <sup>2</sup> .....	2,192,030	2,173,450	2,161,820

<sup>1</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

<sup>2</sup> Excludes Alaska and Hawaii.

## Survey Methodology

**Survey Procedures:** The June Agricultural Survey is conducted every year to provide estimates of farm numbers and land in farms, crop acres planted, grains and oilseeds in storage, livestock inventories, and land values. In the odd-numbered years from 1997 through 2013, questions were added to the survey form that asked the operator about access and use of computers. Some states were combined due to their low number of responses. When this occurs, it is footnoted in the tables.

**Reliability:** The 2013 computer usage estimates are based on responses from over 26,960 agricultural operations and represent all sizes and types of farms. Coefficients of variations (CVs) at the national level in 2013 were 6 percent or less; at the regional level, CVs ranged from 1 to 32 percent; and at the State level, CVs generally ranged from 2 to 65 percent.

## Information Contacts

Listed below are the commodity statisticians in the Environmental and Demographics Section of the Environmental, Economics, and Demographics Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to [nass@nass.usda.gov](mailto:nass@nass.usda.gov).

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Liana Cuffman – Census of Agriculture .....	(202) 690-0392
Doug Farmer – Census of Agriculture .....	(202) 720-7492
Steve Peterson – Farms, Land in Farms, Census of Agriculture .....	(202) 720-5581
Jackie Ross – Census of Agriculture.....	(202) 720-7644
Theresa Varner – Farm Labor .....	(202) 690-2284

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