

National Resources Inventory 2003 Annual NRI

Land Use February 2007

About the Data

Estimates presented here are based upon the latest information from the National Resources Inventory (NRI). The NRI is a longitudinal sample survey based upon scientific statistical principles and procedures. It is conducted by the U.S. Department of Agriculture's Natural Resources Conservation Service (NRCS), in cooperation with Iowa State University's Center for Survey Statistics and Methodology.

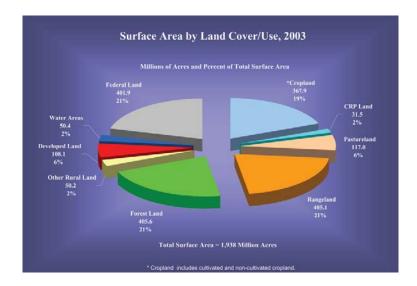
These results are based upon the 2003 Annual NRI, which statistically updates 1997 NRI results with data collected during 2000 -2003. The NRI was conducted on a five-year cycle during the period 1982 to 1997, but is now conducted annually. NRI data were collected every five years for 800,000 sample sites; annual NRI data collection occurs at slightly less than 25 percent of these same sample sites.

The National Resources Inventory (NRI) is a statistical survey of natural resource conditions and trends on non-Federal land in the United States - non-Federal lands include privately owned lands, tribal and trust lands, and lands controlled by state and local governments.

The NRI provides nationally consistent statistical data on how these lands are used and on changes in land use patterns for the period 1982 – 2003. To assess conservation issues on non-Federal rural lands, this land use information must be analyzed in conjunction with other NRI data elements. Land uses of particular interest are those involving the production of agricultural and timber products that are the foundation of our Nation's agricultural economy.

Key Findings

- The contiguous 48 states cover 1.9 billion acres; about 71% of this area is in non-Federal, rural land uses nearly 1.4 billion acres.
- Non-Federal rural lands are predominantly forest land (406 million acres), rangeland (405 million acres), and cropland (368 million acres).

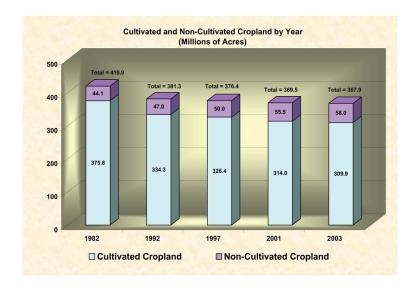


About the Data, cont.

NRI data release procedures are affected by implementation of an annual data collection approach, because the scale of NRI estimates is affected by these reduced sample sizes. Estimates are being released when they meet statistical standards and are scientifically credible in accordance with NRCS policy, and in accordance with OMB and USDA **Quality of Information** Guidelines. The 2003 Annual NRI data are suitable for national and many regional and state level analyses.

Current estimates cover the contiguous 48 states. Future estimates will also cover Hawaii, Alaska, the Caribbean, and selected Pacific Basin islands.

- The Nation's cropland acreage declined from 420 million acres in 1982 to 368 million acres in 2003, a decrease of about 12 percent. The net decline between 1997 and 2003 was 8 million acres, or about 2 percent.
- The percentage of total cropland that is non-cultivated has continued to increase since 1982. Non-cultivated cropland accounted for almost 16 percent (58 million acres) of cropland acreage in 2003, up from 11 percent (44 million acres) in 1982.



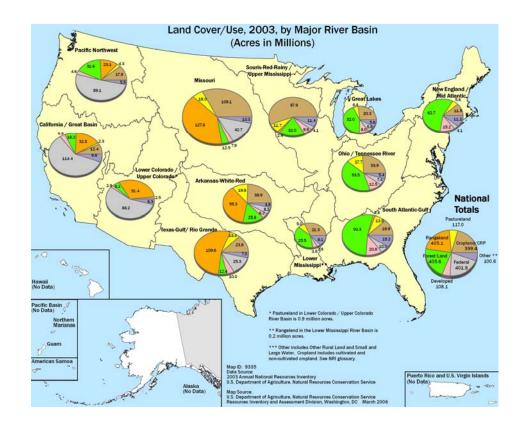
- Approximately 50% of the Nation's cropland is concentrated in just two of the 12 Major River Basins -- the Missouri and the Souris-Red-Rainy/Upper Mississippi. The Souris-Red-Rainy/Upper Mississippi Basin is over 50% cropland.
- Approximately 52% of the Nation's non-Federal forest land is concentrated in just three of the twelve Major River Basins -- the South Atlantic-Gulf, New England/Mid Atlantic, and the Ohio/Tennessee River. The South Atlantic-Gulf Basin is about 53% non-Federal forest land, and the New England/Mid Atlantic Basin is about 57% non-Federal forest land. Nearly 75% of the Nation's non-Federal forest land is located east of the Mississippi River.
- Approximately 72% of the Nation's non-Federal rangeland is concentrated in three of the twelve Major River Basins -- the Missouri, the Texas-Gulf/Rio Grande, and the Arkansas-White-Red. The Texas-Gulf/Rio Grande Basin is about 55% non-Federal rangeland. Approximately 99% of the Nation's non-Federal rangeland is located west of the Mississippi River.

About the Data, cont.

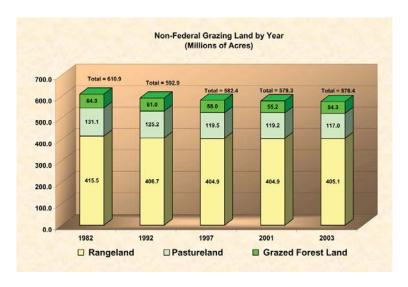
The findings on land use come from the NRI data category "Land Cover/Use," which comprises mutually exclusive categories such as cropland, rangeland, forest land, other rural land, developed land, and water areas. The NRI uses this classification to account for each and every acre of non-Federal land within the Nation. Every parcel of land is described by one and only one of these categories.

The NRI approach to conducting inventories facilitates examining trends in rural and developed land uses over time because -

- the same sample sites have been studied since 1982
- the same data have been collected since 1982 [definitions and protocols have remained the same]
- the inventory accounts for 100 percent of the surface area
- quality assurance and statistical procedures are designed/developed to ensure that trend data are scientifically legitimate and unambiguous
- it is easy to track lands as they go from one land-use category to another.



• During the 2 decades between 1982 and 2003, non-Federal acreage devoted to grazing uses -- rangeland, pastureland, and grazed forest land -- declined from 611 million acres to 576 million acres, a decrease of over 5 percent. During the 6-year period between 1997 and 2003, the net decline in grazing land acreage was about 1 percent or a little over 1 million acres per year.



Irrespective of the scale of analysis, margins of error must be considered. Margins of error (at the 95 percent confidence level) are presented for all NRI estimates.

Importance to the Nation

Land use is surprisingly dynamic, with annual shifts in and out of different uses. Examining net change in land use reveals general trends, but masks the real extent of land use change over time. In agriculture there are frequent shifts in the use of land among cropland, pastureland, rangeland, and forest land. Each time land changes use, it may affect erosion potential, contiguity of habitat, or hydrologic features of the landscape.

Cropland, pastureland, rangeland, and forest land comprise the majority of the Nation's land resources and thus:

- The condition of these lands directly or indirectly influences the environment enjoyed by the Nation.
- Meeting the Nation's objectives for natural resources and environmental quality will depend on how these lands are used and conserved.

More Information

For more information about the NRI, visit http://www.nrcs.usda.gov/technical/NRI/

See the 2003 Annual NRI Glossary for definitions of key terms.

Send comments and questions to the NRI Help Desk, nri@wdc.usda.gov.

Total Surface Area by Land Cover/Use by Year, in Millions of Acres, with Margins of Error

Year	Crop land	CRP Land	Pasture land	Range land	Forest Land	Other Rural Land	Developed Land	Water Areas	Federal Land
1982	419.9	0.0	131.1	415.5	402.4	48.2	72.9	48.6	399.1
	± 2.1	n/a	± 1.4	± 3.5	± 2.7	± 1.3	± 0.8	± 0.1	n/a
1992	381.3	34.0	125.2	406.8	403.6	49.4	86.5	49.4	401.5
	± 2.0	n/a	± 1.3	± 3.3	± 2.7	± 1.4	± 1.0	± 0.1	n/a
1997	376.4	32.7	119.5	404.9	404.7	50.4	97.6	49.9	401.7
	±2.0	n/a	±1.2	±3.3	±2.7	±1.4	±1.0	± 0.1	n/a
2001	369.5	31.8	119.2	404.9	404.8	50.1	105.2	50.3	401.9
	±2.0	n/a	±1.8	±3.4	±2.7	±1.4	±1.3	± 0.2	n/a
2003	367.9	31.5	117.0	405.1	405.6	50.2	108.1	50.4	401.9
	± 2.4	n/a	± 1.8	± 3.5	± 2.7	± 1.4	± 1.4	± 0.2	n/a

Note: Acreages for CRP Land and Federal Land are established through geospatial processes and administrative records; therefore, statistical margins of error are not applicable and shown as n/a. Total surface area of the contiguous United States is 1,937.7 million acres. Due to rounding, land use acres may not sum to total surface area. CRP was not implemented until 1985. Cropland includes cultivated and non-cultivated cropland.

Cultivated and Non-cultivated Cropland by Year, in Millions of Acres, with Margins of Error

Year	Cultivated Cropland	Non-cultivated Cropland	Total Cropland
1982	375.8	44.1	419.9
	± 2.2	± 0.8	± 2.1
1992	334.3	47.0	381.3
	± 2.1	± 0.9	± 2.0
1997	326.4	50.0	376.4
	± 2.1	± 1.0	±2.0
2001	314.0	55.5	369.5
	± 2.1	± 1.6	±2.0
2003	309.9	58.0	367.9
	± 2.3	± 1.7	± 2.4

Total Surface Area by Land Cover/Use by Major River Basin by Year, in Millions of Acres, with Margins of Error

River Basin	Year	Cropland	CRP Land	Pastureland	Rangeland	Forest Land	Other Rural Land	Developed Land	Water Areas	Federal Land	Total Surface Area
Arkansas- White-Red	1982	41.8 ±1.2	0.0 n/a	18.6 ±0.7	56.8 ±2.6	24.8 ±1.1	2.1 ±0.5	4.6 ±0.1	2.3	7.9 n/a	159.0 ±2.9
	1992	35.5 ±1.2	6.0 n/a	19.0 ±0.8	54.9 ±2.6	25.5 ±1.1	2.2 ±0.5	5.1 ±0.2	2.4	8.2 n/a	159.0 ±2.9
	2003	33.3 ±0.9	5.6 n/a	19.8 ±0.8	55.3 ±2.6	25.8 ±0.9	2.3 ±0.5	6.2 ±0.3	2.5 ±0.1	8.2 n/a	159.0 ±2.9
California / Great	1982	13.6 ±0.7	0.0 n/a	2.3 ±0.3	33.9 ±1.2	16.9 ±1.0	5.4 ±0.7	4.7 ±0.4	3.8	114.1 n/a	194.5 ±1.2
Basin	1992	12.6 ±0.7	0.5 n/a	2.2 ±0.3	33.1 ±1.2	16.6 ±0.9	5.6 ±0.8	5.6 ±0.4	3.8	114.5 n/a	194.5 ±1.2
	2003	11.9 ±0.8	0.5 n/a	2.3 ±0.3	32.5 ±1.3	16.2 ±1.0	6.0 ±0.8	6.9 ±0.4	3.8	114.4 n/a	194.5 ±1.2
Great Lakes	1982	22.2 ±0.6	0.0 n/a	5.8 ±0.3	0.0 ±0.0	30.7 ±1.0	3.6 ±0.3	5.8 ±0.2	2.3	5.5 n/a	75.9 ±1.3
	1992	21.2 ±0.6	0.6 n/a	4.7 ±0.2	0.0 ±0.0	31.1 ±1.0	3.6 ±0.3	6.7 ±0.2	2.3	5.6 n/a	75.9 ±1.3
	2003	19.7 ±0.6	0.6 n/a	4.4 ±0.3	0.0 ±0.0	32.0 ±1.1	3.3 ±0.2	8.0 ±0.2	2.3	5.6 n/a	75.9 ±1.3
Lower Colorado /	1982	3.0 ±0.2	0.0 n/a	0.8 ±0.1	51.9 ±3.9	8.0 ±1.2	5.3 ±1.0	1.7 ±0.3	0.8	88.8 n/a	160.3 ±3.7
Upper Colorado	1992	2.8 ±0.2	0.1 n/a	0.9 ±0.1	52.2 ±3.9	7.8 ±1.2	5.3 ±1.0	2.1 ±0.3	0.8	88.2 n/a	160.3 ±3.7
	2003	2.4 ±0.3	0.1 n/a	0.9 ±0.1	51.4 ±3.8	8.1 ±1.4	5.5 ±0.9	2.9 ±0.4	0.8	88.2 n/a	160.3 ±3.7
Lower Mississippi	1982	23.1 ±0.7	0.0 n/a	5.6 ±0.4	0.2	24.9 ±0.8	3.2 ±0.2	2.5 ±0.1	4.5	2.5 n/a	66.4 ±1.1
	1992	21.2 ±0.7	1.1 n/a	5.4 ±0.4	0.2	25.0 ±0.9	3.3 ±0.2	2.8 ±0.1	4.6 ±0.1	2.8 n/a	66.4 ±1.1
	2003	20.3 ±0.7	1.0 n/a	5.0 ±0.3	0.2	25.5 ±0.9	3.3 ±0.2	3.5 ±0.1	4.8 ±0.1	2.8 n/a	66.4 ±1.1
Missouri	1982	106.0 ±1.9	0.0 n/a	20.4 ±0.7	130.9 ±2.3	11.7 ±0.9	6.0 ±0.5	6.6 ±0.2	4.0	42.6 n/a	328.3 ±2.2
	1992	97.3 ±1.9	11.9 n/a	19.2 ±0.7	127.9 ±2.4	12.1 ±0.9	6.2 ±0.5	7.1 ±0.2	4.1	42.7 n/a	328.3 ±2.2
	2003	97.9 ±1.8	11.2 n/a	18.0 ±0.7	127.8 ±2.4	12.5 ±0.9	6.2 ±0.4	7.9 ±0.3	4.1	42.7 n/a	328.3 ±2.2

River Basin	Year	Cropland	CRP Land	Pastureland	Rangeland	Forest Land	Other Rural Land	Developed Land	Water Areas	Federal Land	Total Surface Area
New England / Mid	1982	13.7 ±0.4	0.0 n/a	7.4 ±0.3	0.0 ±0.0	63.8 ±0.8	3.6 ±0.2	10.3 ±0.3	7.6	3.9 n/a	110.3 ±0.9
Atlantic	1992	12.6 ±0.5	0.2 n/a	6.3 ±0.2	0.0 ±0.0	63.5 ±0.7	3.7 ±0.2	12.4 ±0.3	7.7	4.0 n/a	110.3 ±0.9
	2003	11.4 ±0.5	0.1 n/a	5.6 ±0.3	0.0 ±0.0	62.7 ±0.8	3.3 ±0.2	15.2 ±0.3	7.7	4.1 n/a	110.3 ±0.9
Ohio / Tennessee	1982	35.8 ±0.8	0.0 n/a	20.9 ±0.6	0.0 ±0.0	53.2 ±0.8	3.1 ±0.2	8.0 ±0.2	2.4	6.9 n/a	130.4 ±1.2
River	1992	33.5 ±0.8	1.2 n/a	19.8 ±0.6	0.0 ±0.0	53.6 ±0.9	2.9 ±0.1	9.8 ±0.2	2.5	7.2 n/a	130.4 ±1.2
	2003	33.1 ±0.9	0.8 n/a	17.7 ±0.6	0.0 ±0.0	53.5 ±0.9	2.8 ±0.2	12.5 ±0.3	2.6	7.4 n/a	130.4 ±1.2
Pacific Northwest	1982	18.5 ±0.6	0.0 n/a	4.6 ±0.3	23.7 ±1.3	32.1 ±1.0	2.1 ±0.2	3.2 ±0.2	3.1	88.9 n/a	176.1 ±1.2
	1992	16.2 ±0.6	2.2 n/a	4.7 ±0.4	23.3 ±1.3	31.9 ±1.0	2.2 ±0.3	3.8 ±0.3	3.0	89.0 n/a	176.1 ±1.2
	2003	15.6 ±0.6	2.3 n/a	4.3 ±0.4	23.1 ±1.3	31.6 ±1.0	2.4 ±0.2	4.6 ±0.3	3.1	89.1 n/a	176.1 ±1.2
Souris- Red-Rainy	1982	88.3 ±1.1	0.0 n/a	14.5 ±0.5	2.6 ±0.3	31.0 ±1.0	5.8 ±0.3	7.6 ±0.2	5.3	4.1 n/a	159.1 ±1.3
/ Upper Mississippi	1992	83.4 ±1.1	5.7 n/a	12.7 ±0.5	2.4 ±0.3	31.3 ±0.9	5.8 ±0.3	8.3 ±0.2	5.3	4.1 n/a	159.1 ±1.3
	2003	82.7 ±1.2	5.2 n/a	11.7 ±0.6	2.4 ±0.3	32.0 ±1.0	5.9 ±0.3	9.6 ±0.3	5.5	4.1 n/a	159.1 ±1.3
South Atlantic-	1982	26.8 ±0.6	0.0 n/a	15.5 ±0.5	4.6 ±0.4	93.2 ±1.0	5.8 ±0.5	11.6 ±0.3	8.8 ±0.1	9.4 n/a	175.8 ±0.7
Gulf	1992	21.4 ±0.6	2.0 n/a	15.9 ±0.6	3.7 ±0.3	92.9 ±0.8	5.8 ±0.4	15.0 ±0.4	9.0 ±0.1	9.9 n/a	175.8 ±0.7
	2003	18.5 ±0.7	1.4 n/a	13.9 ±0.5	2.8 ±0.4	93.3 ±1.0	6.0 ±0.5	20.8 ±0.5	9.2 ±0.1	10.0 n/a	175.8 ±0.7
Texas- Gulf/ Rio	1982	27.1 ±0.9	0.0 n/a	14.7 ±0.5	110.9 ±3.0	12.1 ±1.0	2.2 ±0.4	6.3 ±0.2	3.7	24.5 n/a	201.6 ±2.7
Grande	1992	23.6 ±0.9	2.5 n/a	14.4 ±0.6	109.1 ±3.0	12.3 ±1.0	2.8 ±0.6	7.8 ±0.3	3.9	25.3 n/a	201.6 ±2.7
	2003	21.1 ±0.7	2.7 n/a	13.4 ±0.6	109.6 ±2.9	12.4 ±1.1	3.0 ±0.6	10.0 ±0.4	4.0 ±0.1	25.3 n/a	201.6 ±2.7

Note: Acreages for CRP Land and Federal Land are established through geospatial processes and administrative records; therefore, statistical margins of error are not applicable and shown as n/a. A — indicates that the margin of error is less than 50,000 acres. Total surface area of the contiguous United States is 1,937.7 million acres. Due to rounding, land use acres may not sum to total surface area. CRP was not implemented until 1985. Cropland includes cultivated and non-cultivated cropland.

Non-Federal Grazing Land by Year, in Millions of Acres, with Margins of Error

Year	Pastureland	Rangeland	Grazed Forest Land	Total Grazing Land
1982	131.1	415.5	64.3	610.9
	± 1.4	± 3.5	± 2.7	± 3.4
1992	125.2	406.7	61.0	592.9
	± 1.3	± 3.3	± 2.3	± 3.4
1997	119.5	404.9	58.0	582.4
	±1.2	±3.3	±2.2	±3.5
2001	119.2	404.9	55.2	579.3
	±1.8	±3.4	±2.2	±3.8
2003	117.0	405.1	54.3	576.4
	± 1.8	± 3.5	± 2.2	± 3.9

The 2003 Annual NRI data are suitable for national, many regional, and some state level analyses. Selected state-level results are reported here. These results will be supplemented in early to mid 2007 with additional estimates that compare net change and land cover/use dynamics with previous inventories.

Until these supplements are released, direct comparisons between 1997 and 2003 NRI estimates to determine change or trends will produce incorrect inferences and is scientifically invalid because:

- 1. There have been improvements in the statistical estimation techniques and procedures between 1997 and 2003.
- Data from previous inventory cycles were reviewed (edited) concurrently with the 2003 NRI data collection effort.

Margins of error are reported for each NRI estimate and must be considered at all scales of analysis. The margin of error is used to construct the 95 percent confidence interval for the estimate. The lower bound of the interval is obtained by subtracting the margin of error from the estimate; the upper bound is obtained by adding the margin of error to the estimate. A 95 percent confidence interval means that in repeated samples from the same population, 95 percent of the time the true underlying population parameter will be contained within the lower and upper bounds of the interval. In the following tables, an asterisk (*) replaces the estimate if the margin of error is greater than the estimate. If the margin of error is greater than the estimate, the confidence interval includes zero, and the estimate should not be used.

2003 Total Surface Area by Land Cover/Use by State, in Thousands of Acres, with Margins of Error $\,$

State	Cropland	CRP Land	Pastureland	Rangeland	Forest Land	Other Rural Land	Developed Land	Water Areas	Federal Land	Total Surface Area
Alabama	2509.0 ±189.2	459.0 n/a	3400.8 ±207.0	*	21530.0 ±284.5	449.2 ±87.1	2723.9 ±238.4	1281.4 ±42.7	997.9 n/a	33423.8 n/a
Arizona	933.9	0.0	82.0	32254.7	4141.4	3028.6	1910.5	187.1	30426.2	72964.4
	±133.8	n/a	±56.2	±1214.3	±970.6	±537.9	±380.0	±8.1	n/a	n/a
Arkansas	7522.0 ±469.2	146.0 n/a	5322.1 ±362.8	*	15007.8 ±477.2	392.8 ±63.8	1603.3 ±161.7	900.9 ±32.9	3104.2 n/a	34036.9 n/a
California	9468.2	133.8	1188.6	17758.0	13903.2	4624.2	5925.1	1870.1	46639.0	101510.2
	±716.5	n/a	±236.1	±1077.1	±695.7	±628.2	±389.9	±28.5	n/a	n/a
Colorado	8348.0	2193.3	1001.8	24790.6	3289.0	1006.0	1870.7	328.2	23796.9	66624.5
	±646.3	n/a	±127.2	±836.2	±497.1	±168.4	±233.5	±22.8	n/a	n/a
Connecticut	172.2	0.0	128.7	0.0	1706.0	104.1	941.5	127.7	14.5	3194.7
	±31.2	n/a	±23.1	±0.0	±53.5	±21.1	±41.7	±5.5	n/a	n/a
Delaware	457.5	1.7	22.9	0.0	340.6	126.0	264.6	289.2	31.0	1533.5
	±35.1	n/a	±10.7	±0.0	±41.7	±26.7	±33.1	±3.7	n/a	n/a
Florida	2873.2	78.4	3619.4	2696.7	12732.7	2807.0	5852.7	3089.4	3784.2	37533.7
	±383.3	n/a	±375.3	±372.2	±410.6	±364.3	±386.0	±36.2	n/a	n/a
Georgia	4151.9	293.6	2798.1	0.0	21893.2	854.2	4572.0	1053.5	2124.0	37740.5
	±289.4	n/a	±233.8	±0.0	±391.5	±122.3	±212.7	±35.1	n/a	n/a
Idaho	5452.6	784.3	1316.6	6420.7	4006.9	577.6	811.5	554.0	33563.3	53487.5
	±341.2	n/a	±158.2	±393.8	±317.5	±117.6	±71.4	±11.0	n/a	n/a
Illinois	23980.5	635.2	2254.0	0.0	3949.3	675.5	3347.3	725.8	491.1	36058.7
	±272.6	n/a	±203.4	±0.0	±187.7	±62.4	±150.4	±21.4	n/a	n/a
Indiana	13315.6	224.8	1897.7	0.0	3816.5	646.0	2421.0	364.4	472.4	23158.4
	±226.1	n/a	±167.1	±0.0	±154.8	±76.1	±119.4	±17.4	n/a	n/a
Iowa	25511.1	1480.6	3460.5	0.0	2301.3	833.2	1779.3	478.1	172.4	36016.5
	±255.8	n/a	±194.7	±0.0	±142.3	±76.7	±104.9	±18.4	n/a	n/a

State	Cropland	CRP Land	Pastureland	Rangeland	Forest Land	Other Rural Land	Developed Land	Water Areas	Federal Land	Total Surface Area
Kansas	26466.3	2607.2	2397.8	15844.4	1549.3	726.6	2025.3	539.9	504.0	52660.8
	±401.6	n/a	±192.1	±340.7	±110.7	±71.4	±84.6	±19.3	n/a	n/a
Kentucky	5478.5	270.2	5147.9	0.0	10510.1	534.3	2000.2	626.8	1295.4	25863.4
	±269.9	n/a	±254.7	±0.0	±214.4	±60.0	±107.4	±15.2	n/a	n/a
Louisiana	5435.0	200.5	2249.3	283.5	13337.7	2940.1	1801.7	3819.0	1310.0	31376.8
	±226.5	n/a	±200.0	±39.0	±210.9	±136.6	±68.4	±41.9	n/a	n/a
Maine	384.5	29.7	137.4	0.0	17620.3	524.0	810.1	1253.0	207.2	20966.2
	±81.5	n/a	±37.9	±0.0	±216.5	±141.4	±100.7	±24.7	n/a	n/a
Maryland	1516.6	12.2	456.7	0.0	2369.5	339.3	1346.4	1660.3	168.9	7869.9
	±92.4	n/a	±55.8	±0.0	±84.2	±29.4	±93.6	±10.2	n/a	n/a
Massachusetts	251.7	0.0	135.9	0.0	2664.9	249.9	1572.6	366.9	97.1	5339.0
	±52.4	n/a	±34.8	±0.0	±103.9	±43.1	±74.3	±12.9	n/a	n/a
Michigan	8097.2	238.9	2158.2	0.0	16708.2	1841.5	3915.2	1116.4	3273.6	37349.2
	±261.0	n/a	±180.2	±0.0	±268.6	±174.5	±167.2	±26.7	n/a	n/a
Minnesota	21099.6	1422.7	3590.6	0.0	16356.5	2741.3	2321.8	3141.3	3336.1	54009.9
	±522.1	n/a	±284.6	±0.0	±603.1	±181.3	±116.5	±32.3	n/a	n/a
Mississippi	4975.5	790.9	3223.9	0.0	16754.6	427.0	1676.3	884.3	1794.8	30527.3
	±234.5	n/a	±244.9	±0.0	±311.5	±74.4	±132.3	±39.3	n/a	n/a
Missouri	13677.9	1460.9	10673.6	87.5	12549.9	688.3	2710.5	845.9	1919.4	44613.9
	±283.4	n/a	±370.6	±39.5	±356.2	±89.9	±117.9	±23.4	n/a	n/a
Montana	14526.6	3254.1	3594.4	36697.9	5402.0	1437.6	1069.1	1036.3	27092.0	94110.0
	±835.3	n/a	±365.6	±1019.9	±522.4	±213.6	±106.9	±38.3	n/a	n/a 0
Nebraska	19552.3	1083.2	1849.9	23077.7	812.1	779.4	1233.9	473.5	647.6	49509.6
	±440.9	n/a	±140.1	±469.4	±97.1	±66.0	±107.1	±22.0	n/a	n/a
Nevada	636.1	0.0	269.5	8276.6	314.0	492.1	474.7	431.2	59868.9	70763.1
	±152.2	n/a	±76.8	±222.6	±121.9	±95.1	±106.3	±5.1	n/a	n/a
New	124.6	0.0	89.3	0.0	3898.7	193.1	635.2	236.9	763.2	5941.0
Hampshire	±27.1		±26.7	±0.0	±91.4	±36.6	±61.0	±13.2	n/a	n/a

State	Cropland	CRP Land	Pastureland	Rangeland	Forest Land	Other Rural Land	Developed Land	Water Areas	Federal Land	Total Surface Area
New Jersey	527.9	0.0	101.6	0.0	1604.5	383.2	1923.9	526.2	148.3	5215.6
	±56.9	n/a	±24.2	±0.0	±77.5	±44.3	±89.1	±10.8	n/a	n/a
New Mexico	1548.7	583.2	232.1	39955.5	5477.6	2059.3	1364.8	153.6	26448.5	77823.3
	±199.9	n/a	±151.6	±959.3	±860.2	±402.5	±186.2	±15.6	n/a	n/a
New York	5358.9	48.8	2584.1	0.0	17598.5	817.7	3465.4	1282.1	205.3	31360.8
	±228.9	n/a	±165.4	±0.0	±279.5	±85.9	±164.1	±24.1	n/a	n/a
North	5512.8	87.6	1832.3	0.0	15456.1	873.2	4667.2	2772.6	2507.5	33709.3
Carolina	±248.8	n/a	±185.2	±0.0	±318.6	±102.8	±236.1	±23.9	n/a	n/a
North	24266.5	3203.5	951.2	11078.1	466.5	1408.6	1007.3	1084.2	1784.8	45250.7
Dakota	±435.7	n/a	±198.7	±471.0	±80.2	±134.7	±70.4	±17.9	n/a	n/a
Ohio	11243.3	238.4	2271.3	0.0	7225.1	836.3	3856.4	400.7	373.3	26444.8
	±250.6	n/a	±175.1	±0.0	±215.4	±95.8	±151.6	±14.7	n/a	n/a
Oklahoma	8971.3	1003.2	8458.1	14129.1	7367.9	450.5	2130.7	1079.0	1148.3	44738.1
	±410.0	n/a	±241.9	±438.7	±272.7	±53.8	±133.1	±37.8	n/a	n/a
Oregon	3701.0	440.8	1761.3	9379.4	12733.6	746.2	1313.1	825.2	31260.4	62161.0
	±296.6	n/a	±241.8	±619.9	±490.7	±165.3	±142.1	±21.1	n/a	n/a
Pennsylvania	5124.3	59.9	2000.0	0.0	15630.7	713.6	4265.5	476.9	724.3	28995.2
	±241.8	n/a	±190.4	±0.0	±303.3	±105.2	±168.0	±17.1	n/a	n/a
Rhode Island	20.3	0.0	26.5	0.0	373.7	18.4	219.5	151.4	3.5	813.3
	±11.0	n/a	±9.3	±0.0	±22.5	±9.6	±15.7	±2.4	n/a	n/a
South	2367.9	180.9	1093.4	0.0	11161.2	831.4	2468.8	799.5	1036.2	19939.3
Carolina	±132.3	n/a	±144.0	±0.0	±237.7	±88.0	±113.9	±17.1	n/a	n/a
South	17086.6	1296.9	1985.4	22054.3	503.1	1458.2	981.2	880.1	3112.2	49358.0
Dakota	±381.1	n/a	±228.0	±452.3	±103.9	±180.0	±107.8	±14.8	n/a	n/a
Tennessee	4750.0	232.9	4756.6	0.0	11959.3	571.6	2616.4	784.2	1302.6	26973.6
	±212.7	n/a	±287.5	±0.0	±275.3	±63.7	±149.2	±10.0	n/a	n/a
Texas	25562.3	3993.2	15836.3	96109.3	10613.1	2286.3	9656.4	4085.1	2909.9	171051.9
	±700.9	n/a	±550.4	±1012.2	±373.3	±180.9	±346.1	±53.7	n/a	n/a

State	Cropland	CRP Land	Pastureland	Rangeland	Forest Land	Other Rural Land	Developed Land	Water Areas	Federal Land	Total Surface Area
Utah	1682.1	199.5	722.4	10666.9	1875.6	2376.1	736.9	1800.6	34278.8	54338.9
	±196.7	n/a	±197.5	±570.0	±440.6	±546.7	±136.7	±19.3	n/a	n/a
Vermont	586.5	0.0	314.4	0.0	4129.4	93.4	346.5	260.8	422.6	6153.6
	±56.8	n/a	±45.7	±0.0	±76.9	±26.8	±31.7	±4.7	n/a	n/a
Virginia	2862.4	38.3	2904.5	0.0	13181.5	581.3	2936.6	1936.1	2646.4	27087.1
	±178.8	n/a	±194.6	±0.0	±183.7	±89.7	±119.8	±17.3	n/a	n/a
Washington	6493.8	1194.3	1080.1	5861.0	12707.1	953.4	2279.4	1542.7	11923.5	44035.3
	±366.7	n/a	±129.3	±378.9	±398.5	±126.0	±205.5	±22.1	n/a	n/a
West Virginia	820.6	0.9	1472.4	0.0	10556.2	255.6	1011.8	178.8	1211.9	15508.2
	±142.5	n/a	±161.6	±0.0	±161.8	±96.7	±64.1	±10.9	n/a	n/a
Wisconsin	10303.6	578.3	3081.2	0.0	14528.2	1700.4	2595.3	1287.7	1845.3	35920.0
	±330.8	n/a	±244.3	±0.0	±300.2	±147.1	±167.6	±29.5	n/a	n/a
Wyoming	2161.1	272.0	1081.0	27535.5	948.6	759.5	656.7	440.4	28748.0	62602.8
	±296.6	n/a	±454.6	±475.7	±248.9	±216.0	±78.6	±15.8	n/a	n/a

Note: Acreages for CRP Land, Federal Land, and Total Surface Area are established through geospatial processes and administrative records; therefore, statistical margins of error are not applicable and shown as n/a. A * indicates that the margin of error is greater than the estimate. Total surface area of the contiguous United States is 1,937.7 million acres. Cropland includes cultivated and non-cultivated cropland.

2003 Cultivated and Non-cultivated Cropland by State, in Thousands of Acres, with Margins of Error $\,$

State	Cultivated Cropland	Non-Cultivated Cropland	Total Cropland
Alabama	1949.1	559.9	2509.0
	±249.3	±156.0	±189.2
Arizona	704.2	229.7	933.9
	±127.4	±71.2	±133.8
Arkansas	7250.5	271.5	7522.0
	±460.6	±68.7	±469.2
California	4892.9	4575.3	9468.2
	±686.4	±547.7	±716.5
Colorado	6945.3	1402.7	8348.0
	±665.1	±186.4	±646.3
Connecticut	63.9	108.3	172.2
	±19.5	±26.1	±31.2
Delaware	452.4 ±35.0	*	457.5 ±35.1
Florida	1461.0	1412.2	2873.2
	±257.4	±294.1	±383.3
Georgia	3536.5	615.4	4151.9
	±219.9	±131.8	±289.4
Idaho	4149.8	1302.8	5452.6
	±296.9	±138.5	±341.2
Illinois	23298.9	681.6	23980.5
	±311.9	±106.8	±272.6
Indiana	12535.3	780.3	13315.6
	±253.9	±172.3	±226.1
Iowa	24151.6	1359.5	25511.1
	±269.6	±197.2	±255.8

State	Cultivated Cropland	Non-Cultivated Cropland	Total Cropland
Kansas	24618.9	1847.4	26466.3
	±445.5	±252.1	±401.6
Kentucky	3070.2	2408.3	5478.5
	±209.0	±231.8	±269.9
Louisiana	5186.3	248.7	5435.0
	±223.0	±72.1	±226.5
Maine	123.7	260.8	384.5
	±45.0	±65.5	±81.5
Maryland	1224.8	291.8	1516.6
	±98.9	±54.7	±92.4
Massachusetts	54.9	196.8	251.7
	±19.4	±47.3	±52.4
Michigan	6259.3	1837.9	8097.2
	±224.9	±232.9	±261.0
Minnesota	19094.6	2005.0	21099.6
	±435.4	±310.9	±522.1
Mississippi	4587.2	388.3	4975.5
	±222.0	±84.7	±234.5
Missouri	10235.4	3442.5	13677.9
	±303.3	±243.2	±283.4
Montana	11408.8	3117.8	14526.6
	±965.6	±527.9	±835.3
Nebraska	17745.2	1807.1	19552.3
	±459.5	±279.5	±440.9
Nevada	105.4	530.7	636.1
	±73.7	±127.2	±152.2

State	Cultivated Cropland	Non-Cultivated Cropland	Total Cropland
New Hampshire	18.8	105.8	124.6
	±9.0	±26.9	±27.1
New Jersey	362.6	165.3	527.9
	±54.6	±38.5	±56.9
New Mexico	1125.2	423.5	1548.7
	±152.9	±123.4	±199.9
New York	2097.8	3261.1	5358.9
	±182.0	±266.5	±228.9
North Carolina	4770.2	742.6	5512.8
	±231.2	±137.5	±248.8
North Dakota	22011.1	2255.4	24266.5
	±475.3	±219.9	±435.7
Ohio	9677.5	1565.8	11243.3
	±251.0	±208.6	±250.6
Oklahoma	8380.4	590.9	8971.3
	±371.6	±139.8	±410.0
Oregon	2443.9	1257.1	3701.0
	±246.7	±221.2	±296.6
Pennsylvania	2729.5	2394.8	5124.3
	±148.0	±209.5	±241.8
Rhode Island	3.8	16.5	20.3
	±3.7	±11.1	±11.0
South Carolina	2040.9	327.0	2367.9
	±136.8	±62.1	±132.3
South Dakota	14463.0	2623.6	17086.6
	±515.9	±309.4	±381.1

State	Cultivated Cropland	Non-Cultivated Cropland	Total Cropland
Tennessee	3100.1	1649.9	4750.0
	±184.8	±157.8	±212.7
Texas	24853.4	708.9	25562.3
	±733.3	±202.6	±700.9
Utah	922.6	759.5	1682.1
	±281.5	±241.7	±196.7
Vermont	143.3	443.2	586.5
	±34.2	±60.5	±56.8
Virginia	1458.2	1404.2	2862.4
	±122.7	±117.9	±178.8
	5407.2	1086.6	6493.8
Washington	±381.0	±143.7	±366.7
West Virginia	109.9	710.7	820.6
	±42.8	±137.6	±142.5
Wisconsin	7789.7	2513.9	10303.6
	±351.0	±210.2	±330.8
Wyoming			
	851.6 ±174.8	1309.5 ±197.7	2161.1 ±296.6
	±17 1.0	-171.1	±270.0

Note: A * indicates that the margin of error is greater than the estimate.

2003 Non-Federal Grazing Land by State, in Thousands of Acres, with Margins of Error

State	Pastureland	Rangeland	Grazed Forest Land	Total Grazing Land
Alabama	3400.8 ±207.0	*	695.9 ±131.6	4169.3 ±286.3
Arizona	82.0	32254.7	3800.8	36137.5
	±56.2	±1214.3	±986.4	±730.6
Arkansas	5322.1 ±362.8	*	1814.2 ±309.0	7174.1 ±454.8
California	1188.6	17758.0	5315.7	24262.3
	±236.1	±1077.1	±735.8	±1139.0
Colorado	1001.8	24790.6	2039.8	27832.2
	±127.2	±836.2	±449.4	±871.8
Connecticut	128.7	0.0	15.2	143.9
	±23.1	±0.0	±13.4	±28.4
Delaware	22.9 ±10.7	0.0 ±0.0	*	23.6 ±10.5
Florida	3619.4	2696.7	1184.1	7500.2
	±375.3	±372.2	±324.2	±498.2
Georgia	2798.1	0.0	294.6	3092.7
	±233.8	±0.0	±115.7	±241.7
Idaho	1316.6	6420.7	1766.9	9504.2
	±158.2	±393.8	±419.9	±522.9
Illinois	2254.0	0.0	416.9	2670.9
	±203.4	±0.0	±106.1	±256.2
Indiana	1897.7	0.0	272.0	2169.7
	±167.1	±0.0	±64.3	±176.1
Iowa	3460.5	0.0	776.0	4236.5
	±194.7	±0.0	±128.8	±236.8
Kansas	2397.8	15844.4	767.5	19009.7
	±192.1	±340.7	±155.4	±400.1

State	Pastureland	Rangeland	Grazed Forest Land	Total Grazing Land
Kentucky	5147.9	0.0	894.5	6042.4
	±254.7	±0.0	±145.6	±249.0
Louisiana	2249.3	283.5	894.9	3427.7
	±200.0	±39.0	±180.8	±301.2
Maine	137.4 ±37.9	0.0 ±0.0	*	138.2 ±37.5
Maryland	456.7	0.0	17.8	474.5
	±55.8	±0.0	±5.0	±57.1
Massachusetts	135.9 ±34.8	0.0 ±0.0	*	140.6 ±34.3
Michigan	2158.2	0.0	61.7	2219.9
	±180.2	±0.0	±37.2	±197.4
Minnesota	3590.6	0.0	796.7	4387.3
	±284.6	±0.0	±156.5	±306.4
Mississippi	3223.9	0.0	667.3	3891.2
	±244.9	±0.0	±109.0	±271.6
Missouri	10673.6	87.5	3225.8	13986.9
	±370.6	±39.5	±340.9	±517.9
Montana	3594.4	36697.9	3190.4	43482.7
	±365.6	±1019.9	±654.9	±956.8
Nebraska	1849.9	23077.7	561.2	25488.8
	±140.1	±469.4	±108.4	±493.9
Nevada	269.5	8276.6	238.6	8784.7
	±76.8	±222.6	±156.4	±233.7
New Hampshire	89.3	0.0	12.5	101.8
	±26.7	±0.0	±10.5	±27.1
New Jersey	101.6 ±24.2	0.0 ±0.0	*	105.1 ±23.8

State	Pastureland	Rangeland	Grazed Forest Land	Total Grazing Land
New Mexico	232.1	39955.5	4751.6	44939.2
	±151.6	±959.3	±835.4	±687.2
New York	2584.1	0.0	145.6	2729.7
	±165.4	±0.0	±47.8	±169.8
North Carolina	1832.3	0.0	173.1	2005.4
	±185.2	±0.0	±59.2	±191.5
North Dakota	951.2	11078.1	238.1	12267.4
	±198.7	±471.0	±76.5	±401.8
Ohio	2271.3	0.0	224.5	2495.8
	±175.1	±0.0	±90.6	±183.3
Oklahoma	8458.1	14129.1	5368.8	27956.0
	±241.9	±438.7	±423.3	±547.8
Oregon	1761.3	9379.4	3262.1	14402.8
	±241.8	±619.9	±636.0	±735.0
Pennsylvania	2000.0	0.0	187.4	2187.4
	±190.4	±0.0	±83.5	±206.5
Rhode Island	26.5	0.0	0.0	26.5
	±9.3	±0.0	±0.0	±9.3
South Carolina	1093.4	0.0	117.4	1210.8
	±144.0	±0.0	±53.9	±157.4
South Dakota	1985.4	22054.3	413.9	24453.6
	±228.0	±452.3	±119.8	±464.9
Tennessee	4756.6	0.0	725.2	5481.8
	±287.5	±0.0	±115.1	±330.6
Texas	15836.3	96109.3	1937.0	113882.6
	±550.4	±1012.2	±270.5	±986.0
Utah	722.4	10666.9	1395.5	12784.8
	±197.5	±570.0	±497.3	±555.0

State	Pastureland	Rangeland	Grazed Forest Land	Total Grazing Land
Vermont	314.4	0.0	22.2	336.6
	±45.7	±0.0	±12.0	±45.5
Virginia	2904.5	0.0	376.0	3280.5
	±194.6	±0.0	±79.9	±205.0
Washington	1080.1	5861.0	3128.9	10070.0
	±129.3	±378.9	±675.5	±759.0
West Virginia	1472.4	0.0	748.6	2221.0
	±161.6	±0.0	±158.3	±243.1
Wisconsin	3081.2	0.0	581.7	3662.9
	±244.3	±0.0	±131.6	±268.5
Wyoming	1081.0	27535.5	774.7	29391.2
	±454.6	±475.7	±316.2	±434.7

Note: A * indicates that the margin of error is greater than the estimate.

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