



# National Resources Inventory 2003 Annual NRI

## Summary Report for All States

### Total Surface Area by Land Cover/Use

January 2007

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

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 NRI statistical standards and are scientifically credible in accordance with NRCS policy, and in accordance with OMB and USDA Quality of Information Guidelines. As each successive annual NRI is conducted, more results will become available for regional, state, and eventually sub-state level analyses.

Estimates provided below only represent 2003 conditions and cannot be used to evaluate change from previous inventory cycles. State-level change estimates and associated trending information from the 2003 Annual NRI will be available for release late Winter 2007.

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 (\*) precedes 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. A series of dashes, “- -”, indicates there are not enough sample data to calculate an estimate.

The NRI does not collect data on Federal Lands. Federal Land acreages are established through geospatial processes. Consequently there are no margins of error associated with the data and “n/a” is displayed.

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

State	Cropland	CRP	Pastureland	Rangeland	Forest Land	Other Rural Land	Developed Land	Water Areas	Federal Land	Total Surface Area
Alabama	2509.0	459.0	3400.8	--	21530.0	449.2	2723.9	1281.4	997.9	33423.8
	±189.2	±32.7	±207.0		±284.5	±87.1	±238.4	±42.7	n/a	±0.0
Arizona	933.9	0.0	82.0	32254.7	4141.4	3028.6	1910.5	187.1	30426.2	72964.4
	±133.8	±0.0	±56.2	±1214.3	±970.6	±537.9	±380.0	±8.1	n/a	±0.0
Arkansas	7522.0	146.0	5322.1	* 37.8	15007.8	392.8	1603.3	900.9	3104.2	34036.9
	±469.2	±15.0	±362.8	±52.1	±477.2	±63.8	±161.7	±32.9	n/a	±0.0
California	9468.2	133.8	1188.6	17758.0	13903.2	4624.2	5925.1	1870.1	46639.0	101510.2
	±716.5	±55.0	±236.1	±1077.1	±695.7	±628.2	±389.9	±28.5	n/a	±0.0
Colorado	8348.0	2193.3	1001.8	24790.6	3289.0	1006.0	1870.7	328.2	23796.9	66624.5
	±646.3	±110.6	±127.2	±836.2	±497.1	±168.4	±233.5	±22.8	n/a	±0.0
Connecticut	172.2	0.0	128.7	0.0	1706.0	104.1	941.5	127.7	14.5	3194.7
	±31.2	±0.0	±23.1	±0.0	±53.5	±21.1	±41.7	±5.5	n/a	±0.0
Delaware	457.5	* 1.7	22.9	0.0	340.6	126.0	264.6	289.2	31.0	1533.5
	±35.1	±2.9	±10.7	±0.0	±41.7	±26.7	±33.1	±3.7	n/a	±0.0
Florida	2873.2	78.4	3619.4	2696.7	12732.7	2807.0	5852.7	3089.4	3784.2	37533.7
	±383.3	±9.2	±375.3	±372.2	±410.6	±364.3	±386.0	±36.2	n/a	±0.0
Georgia	4151.9	293.6	2798.1	0.0	21893.2	854.2	4572.0	1053.5	2124.0	37740.5
	±289.4	±14.5	±233.8	±0.0	±391.5	±122.3	±212.7	±35.1	n/a	±0.0
Idaho	5452.6	784.3	1316.6	6420.7	4006.9	577.6	811.5	554.0	33563.3	53487.5
	±341.2	±25.3	±158.2	±393.8	±317.5	±117.6	±71.4	±11.0	n/a	±0.0
Illinois	23980.5	635.2	2254.0	0.0	3949.3	675.5	3347.3	725.8	491.1	36058.7
	±272.6	±25.7	±203.4	±0.0	±187.7	±62.4	±150.4	±21.4	n/a	±0.0
Indiana	13315.6	224.8	1897.7	0.0	3816.5	646.0	2421.0	364.4	472.4	23158.4
	±226.1	±18.1	±167.1	±0.0	±154.8	±76.1	±119.4	±17.4	n/a	±0.0
Iowa	25511.1	1480.6	3460.5	0.0	2301.3	833.2	1779.3	478.1	172.4	36016.5
	±255.8	±42.7	±194.7	±0.0	±142.3	±76.7	±104.9	±18.4	n/a	±0.0

State	Cropland	CRP	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	±55.4	±192.1	±340.7	±110.7	±71.4	±84.6	±19.3	n/a	±0.0
Kentucky	5478.5	270.2	5147.9	0.0	10510.1	534.3	2000.2	626.8	1295.4	25863.4
	±269.9	±11.7	±254.7	±0.0	±214.4	±60.0	±107.4	±15.2	n/a	±0.0
Louisiana	5435.0	200.5	2249.3	283.5	13337.7	2940.1	1801.7	3819.0	1310.0	31376.8
	±226.5	±13.9	±200.0	±39.0	±210.9	±136.6	±68.4	±41.9	n/a	±0.0
Maine	384.5	--	137.4	0.0	17620.3	524.0	810.1	1253.0	207.2	20966.2
	±81.5		±37.9	±0.0	±216.5	±141.4	±100.7	±24.7	n/a	±0.0
Maryland	1516.6	12.2	456.7	0.0	2369.5	339.3	1346.4	1660.3	168.9	7869.9
	±92.4	±3.8	±55.8	±0.0	±84.2	±29.4	±93.6	±10.2	n/a	±0.0
Massachusetts	251.7	0.0	135.9	0.0	2664.9	249.9	1572.6	366.9	97.1	5339.0
	±52.4	±0.0	±34.8	±0.0	±103.9	±43.1	±74.3	±12.9	n/a	±0.0
Michigan	8097.2	238.9	2158.2	0.0	16708.2	1841.5	3915.2	1116.4	3273.6	37349.2
	±261.0	±13.7	±180.2	±0.0	±268.6	±174.5	±167.2	±26.7	n/a	±0.0
Minnesota	21099.6	1422.7	3590.6	0.0	16356.5	2741.3	2321.8	3141.3	3336.1	54009.9
	±522.1	±67.0	±284.6	±0.0	±603.1	±181.3	±116.5	±32.3	n/a	±0.0
Mississippi	4975.5	790.9	3223.9	0.0	16754.6	427.0	1676.3	884.3	1794.8	30527.3
	±234.5	±25.5	±244.9	±0.0	±311.5	±74.4	±132.3	±39.3	n/a	±0.0
Missouri	13677.9	1460.9	10673.6	87.5	12549.9	688.3	2710.5	845.9	1919.4	44613.9
	±283.4	±50.4	±370.6	±39.5	±356.2	±89.9	±117.9	±23.4	n/a	±0.0
Montana	14526.6	3254.1	3594.4	36697.9	5402.0	1437.6	1069.1	1036.3	27092.0	94110.0
	±835.3	±130.3	±365.6	±1019.9	±522.4	±213.6	±106.9	±38.3	n/a	±0.0
Nebraska	19552.3	1083.2	1849.9	23077.7	812.1	779.4	1233.9	473.5	647.6	49509.6
	±440.9	±38.6	±140.1	±469.4	±97.1	±66.0	±107.1	±22.0	n/a	±0.0
Nevada	636.1	0.0	269.5	8276.6	314.0	492.1	474.7	431.2	59868.9	70763.1
	±152.2	±0.0	±76.8	±222.6	±121.9	±95.1	±106.3	±5.1	n/a	±0.0
New Hampshire	124.6	0.0	89.3	0.0	3898.7	193.1	635.2	236.9	763.2	5941.0
	±27.1	±0.0	±26.7	±0.0	±91.4	±36.6	±61.0	±13.2	n/a	±0.0

State	Cropland	CRP	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	±0.0	±24.2	±0.0	±77.5	±44.3	±89.1	±10.8	n/a	±0.0
New Mexico	1548.7	583.2	232.1	39955.5	5477.6	2059.3	1364.8	153.6	26448.5	77823.3
	±199.9	±17.5	±151.6	±959.3	±860.2	±402.5	±186.2	±15.6	n/a	±0.0
New York	5358.9	48.8	2584.1	0.0	17598.5	817.7	3465.4	1282.1	205.3	31360.8
	±228.9	±8.3	±165.4	±0.0	±279.5	±85.9	±164.1	±24.1	n/a	±0.0
North Carolina	5512.8	87.6	1832.3	0.0	15456.1	873.2	4667.2	2772.6	2507.5	33709.3
	±248.8	±7.7	±185.2	±0.0	±318.6	±102.8	±236.1	±23.9	n/a	±0.0
North Dakota	24266.5	3203.5	951.2	11078.1	466.5	1408.6	1007.3	1084.2	1784.8	45250.7
	±435.7	±49.1	±198.7	±471.0	±80.2	±134.7	±70.4	±17.9	n/a	±0.0
Ohio	11243.3	238.4	2271.3	0.0	7225.1	836.3	3856.4	400.7	373.3	26444.8
	±250.6	±17.8	±175.1	±0.0	±215.4	±95.8	±151.6	±14.7	n/a	±0.0
Oklahoma	8971.3	1003.2	8458.1	14129.1	7367.9	450.5	2130.7	1079.0	1148.3	44738.1
	±410.0	±78.5	±241.9	±438.7	±272.7	±53.8	±133.1	±37.8	n/a	±0.0
Oregon	3701.0	440.8	1761.3	9379.4	12733.6	746.2	1313.1	825.2	31260.4	62161.0
	±296.6	±20.6	±241.8	±619.9	±490.7	±165.3	±142.1	±21.1	n/a	±0.0
Pennsylvania	5124.3	59.9	2000.0	0.0	15630.7	713.6	4265.5	476.9	724.3	28995.2
	±241.8	±3.4	±190.4	±0.0	±303.3	±105.2	±168.0	±17.1	n/a	±0.0
Rhode Island	20.3	0.0	26.5	0.0	373.7	18.4	219.5	151.4	3.5	813.3
	±11.0	±0.0	±9.3	±0.0	±22.5	±9.6	±15.7	±2.4	n/a	±0.0
South Carolina	2367.9	180.9	1093.4	0.0	11161.2	831.4	2468.8	799.5	1036.2	19939.3
	±132.3	±30.7	±144.0	±0.0	±237.7	±88.0	±113.9	±17.1	n/a	±0.0
South Dakota	17086.6	1296.9	1985.4	22054.3	503.1	1458.2	981.2	880.1	3112.2	49358.0
	±381.1	±62.4	±228.0	±452.3	±103.9	±180.0	±107.8	±14.8	n/a	±0.0
Tennessee	4750.0	232.9	4756.6	0.0	11959.3	571.6	2616.4	784.2	1302.6	26973.6
	±212.7	±15.9	±287.5	±0.0	±275.3	±63.7	±149.2	±10.0	n/a	±0.0
Texas	25562.3	3993.2	15836.3	96109.3	10613.1	2286.3	9656.4	4085.1	2909.9	171051.9
	±700.9	±100.4	±550.4	±1012.2	±373.3	±180.9	±346.1	±53.7	n/a	±0.0

State	Cropland	CRP	Pastureland	Rangeland	Forest Land	Other Rural Land	Developed Land	Water Areas	Federal Land	Total Surface Area
<b>Utah</b>	1682.1 ±196.7	199.5 ±12.1	722.4 ±197.5	10666.9 ±570.0	1875.6 ±440.6	2376.1 ±546.7	736.9 ±136.7	1800.6 ±19.3	34278.8 n/a	54338.9 ±0.0
<b>Vermont</b>	586.5 ±56.8	0.0 ±0.0	314.4 ±45.7	0.0 ±0.0	4129.4 ±76.9	93.4 ±26.8	346.5 ±31.7	260.8 ±4.7	422.6 n/a	6153.6 ±0.0
<b>Virginia</b>	2862.4 ±178.8	38.3 ±6.0	2904.5 ±194.6	0.0 ±0.0	13181.5 ±183.7	581.3 ±89.7	2936.6 ±119.8	1936.1 ±17.3	2646.4 n/a	27087.1 ±0.0
<b>Washington</b>	6493.8 ±366.7	1194.3 ±52.6	1080.1 ±129.3	5861.0 ±378.9	12707.1 ±398.5	953.4 ±126.0	2279.4 ±205.5	1542.7 ±22.1	11923.5 n/a	44035.3 ±0.0
<b>West Virginia</b>	820.6 ±142.5	--	1472.4 ±161.6	0.0 ±0.0	10556.2 ±161.8	255.6 ±96.7	1011.8 ±64.1	178.8 ±10.9	1211.9 n/a	15508.2 ±0.0
<b>Wisconsin</b>	10303.6 ±330.8	578.3 ±29.4	3081.2 ±244.3	0.0 ±0.0	14528.2 ±300.2	1700.4 ±147.1	2595.3 ±167.6	1287.7 ±29.5	1845.3 n/a	35920.0 ±0.0
<b>Wyoming</b>	2161.1 ±296.6	272.0 ±20.2	1081.0 ±454.6	27535.5 ±475.7	948.6 ±248.9	759.5 ±216.0	656.7 ±78.6	440.4 ±15.8	28748.0 n/a	62602.8 ±0.0
<p>* Margin of error is greater than estimate.</p> <p>-- Estimate not available.</p> <p>n/a Margin of error not applicable as Federal land is not an estimate.</p>										

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