Chickens and Eggs

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December Egg Production Down 6 Percent

United States egg production totaled 9.12 billion during December 2022, down 6 percent from last year. Production included 7.83 billion table eggs, and 1.29 billion hatching eggs, of which 1.19 billion were broiler-type and 100 million were egg-type. The total number of layers during December 2022 averaged 374 million, down 5 percent from last year. December egg production per 100 layers was 2,435 eggs, down 1 percent from December 2021.

All layers in the United States on January 1, 2023 totaled 373 million, down 5 percent from last year. The 373 million layers consisted of 306 million layers producing table or market type eggs, 63.0 million layers producing broiler-type hatching eggs, and 3.83 million layers producing egg-type hatching eggs. Rate of lay per day on January 1, 2023, averaged 78.2 eggs per 100 layers, down 1 percent from January 1, 2022.

Egg-Type Chicks Hatched Down Slightly

Egg-type chicks hatched during December 2022 totaled 48.0 million, down slightly from December 2021. Eggs in incubators totaled 49.2 million on January 1, 2023, up 6 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 217 thousand during December 2022, up 1 percent from December 2021.

Broiler-Type Chicks Hatched Up 1 Percent

Broiler-type chicks hatched during December 2022 totaled 854 million, up 1 percent from December 2021. Eggs in incubators totaled 719 million on January 1, 2023, up 1 percent from a year ago.

Leading breeders placed 9.16 million broiler-type pullet chicks for future domestic hatchery supply flocks during December 2022, up 2 percent from December 2021.

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Average Layers During the Month – United States: 2022-2023

[Blank data cells indicate estimation period has not yet begun]

Month	2022	2023
	(1,000 layers)	(1,000 layers)
December [1]	392,761	374,266
January	390,906	
February	388,868	
March	380,359	
April	369,689	
May	366,512	
June	365,829	
July	368,203	
August	372,108	
September	373,569	
October	374,374	
November	375,224	

[1] December previous year.

Egg Production During the Month by Type – United States: 2022-2023

[Blank data cells indicate estimation period has not yet begun]

Month	Total eggs		Table eggs		Hatching eggs	
	2022	2023	2022	2023	2022	2023
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
December [1]	9,678.9	9,115.1	8,376.2	7,825.8	1,302.7	1,289.3
January	9,575.3		8,266.8		1,308.5	
February	8,595.1		7,388.3		1,206.8	
March	9,370.5		8,030.8		1,339.7	
April	8,833.1		7,552.9		1,280.2	
May	8,989.1		7,663.1		1,326.0	
June	8,656.4		7,379.4		1,277.0	
July	9,011.1		7,698.0		1,313.1	
August	9,108.4		7,790.0		1,318.4	
September	8,833.3		7,561.0		1,272.3	
October	9,141.2		7,839.2		1,302.0	
November	8,879.0		7,627.3		1,251.7	

[1] December previous year.

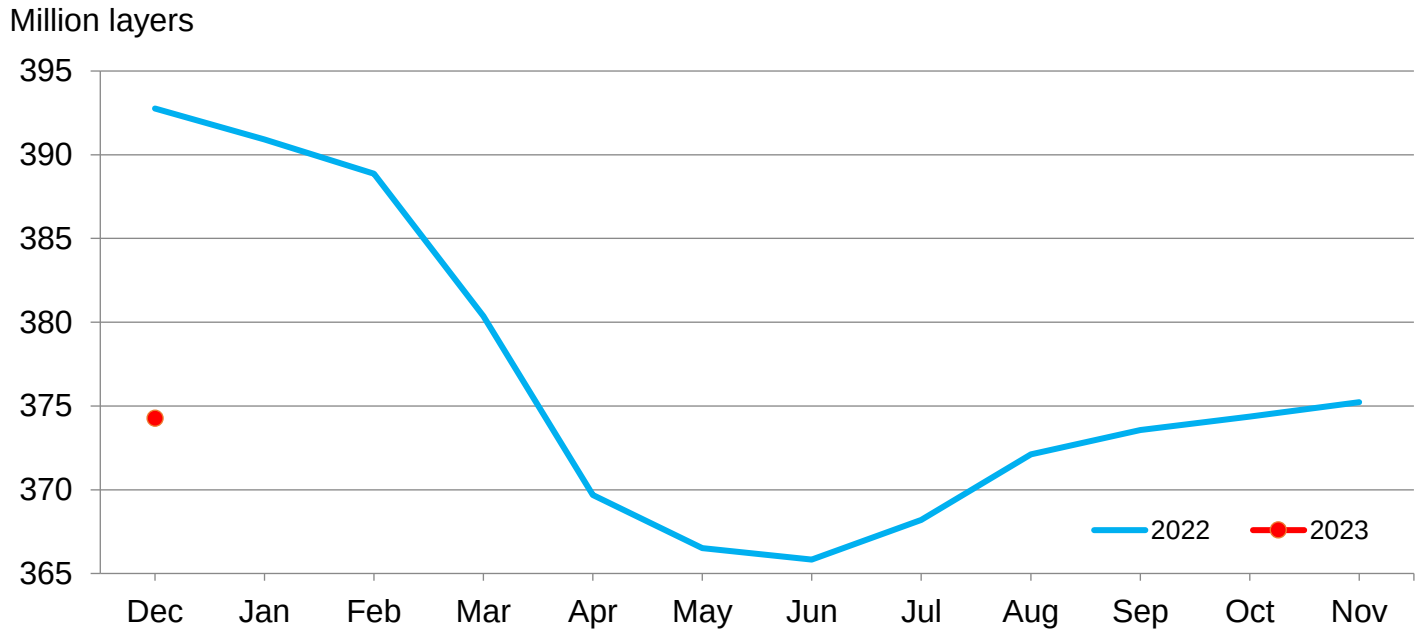
Egg Production During the Month in Dozens by Type – United States: 2022-2023

[Blank data cells indicate estimation period has not yet begun]

Month	Total eggs		Table eggs		Hatching eggs	
	2022	2023	2022	2023	2022	2023
	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
December [1]	806,574.6	759,591.8	698,016.4	652,150.2	108,558.2	107,441.6
January	797,941.0		688,899.1		109,041.9	
February	716,258.9		615,692.2		100,566.7	
March	780,874.7		669,232.9		111,641.8	
April	736,092.4		629,408.8		106,683.6	
May	749,091.6		638,591.8		110,499.8	
June	721,366.9		614,950.1		106,416.8	
July	750,925.2		641,500.3		109,424.9	
August	759,032.8		649,166.6		109,866.2	
September	736,108.3		630,083.3		106,025.0	
October	761,766.7		653,266.7		108,500.0	
November	739,916.6		635,608.4		104,308.2	

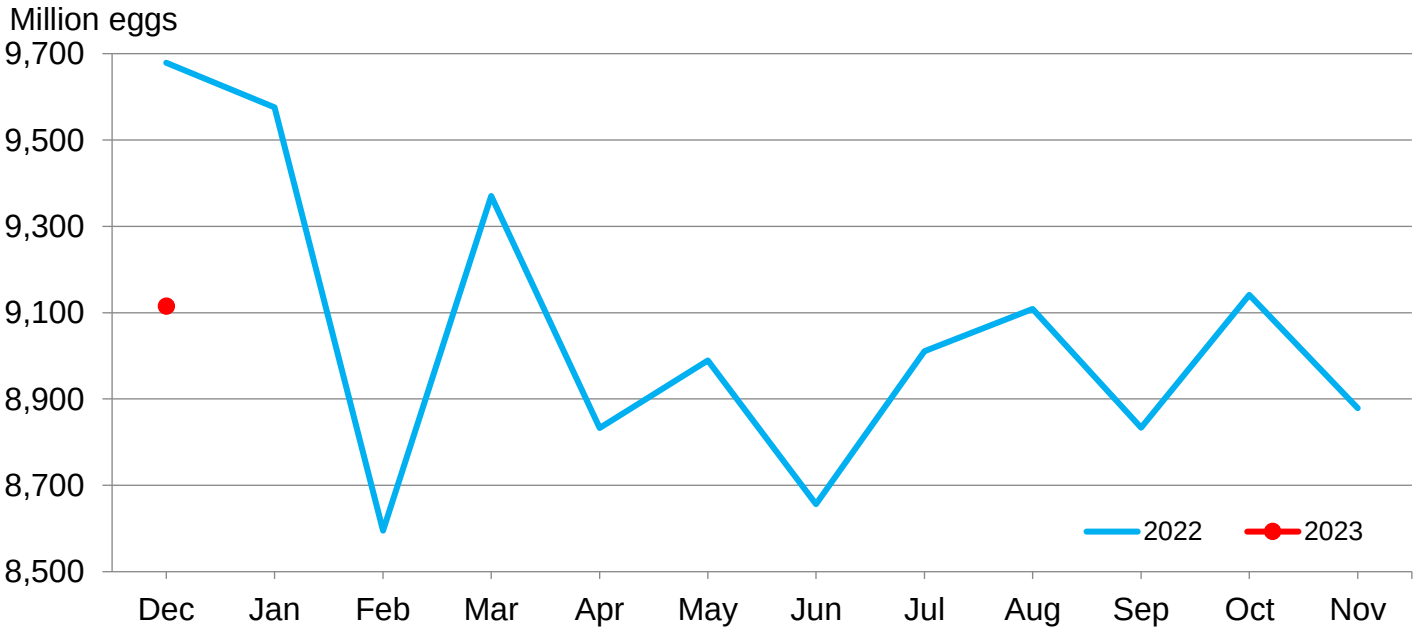
[1] December previous year.

Average Layers During the Month – United States



December previous year

Total Egg Production During the Month – United States



December previous year

Layers on Hand and Eggs Produced by Type and Molt – United States: November-December 2021 and 2022

Item	2021	2022	2022 as percent of 2021
Layers during November			
Total layers 1,000	392,242	375,224	96
Table egg type 1,000	326,853	309,266	95
Hatching egg type 1,000	65,389	65,958	101
Broiler-type hatching 1,000	61,984	62,325	101
Egg-type hatching 1,000	3,405	3,633	107
Eggs per 100 layers during November			
Total layers ..... number	2,371	2,366	100
Table egg type ..... number	2,462	2,466	100
Hatching egg type ..... number	1,917	1,898	99
Broiler-type hatching ..... number	1,887	1,860	99
Egg-type hatching ..... number	2,461	2,543	103
Eggs produced during November			
Total layers ..... million	9,301.4	8,879.0	95
Table egg type ..... million	8,047.8	7,627.3	95
Hatching egg type ..... million	1,253.6	1,251.7	100
Broiler-type hatching ..... million	1,169.8	1,159.3	99
Egg-type hatching ..... million	83.8	92.4	110
Eggs produced during November			
Total layers ..... 1,000 dozen	775,116.8	739,916.6	95
Table egg type ..... 1,000 dozen	670,650.2	635,608.4	95
Hatching egg type ..... 1,000 dozen	104,466.6	104,308.2	100
Broiler-type hatching ..... 1,000 dozen	97,483.3	96,608.3	99
Egg-type hatching ..... 1,000 dozen	6,983.3	7,699.9	110
Layers on December 1			
Total layers 1,000	393,078	375,354	95
Table egg type 1,000	327,479	309,376	94
Hatching egg type 1,000	65,599	65,978	101
Broiler-type hatching 1,000	62,170	62,241	100
Egg-type hatching 1,000	3,429	3,737	109
Eggs per 100 layers on December 1			
Total layers ..... number	79.7	78.9	99
Table egg type ..... number	82.9	82.3	99
Hatching egg type ..... number	63.9	62.9	98
Broiler-type hatching ..... number	62.8	61.5	98
Egg-type hatching ..... number	84.0	85.9	102
Molted layers on December 1			
Being molted ..... percent	1.0	0.6	60
Molt completed ..... percent	13.6	11.6	85
Layers sold for slaughter during November 1,000	13,736.0	14,207.6	103
Layers rendered, died, destroyed, composted or disappeared for any reason during November 1,000	11,447.4	8,751.6	76
Pullets on December 1 1,000	123,179	128,835	105
Pullets added during November [1] 1,000	29,330.5	26,541.1	90

[1] Pullet chicks less than 3 days old added to pullet flocks.

Layers on Hand and Eggs Produced by Type and Molt – United States: December-January 2021-2023

Item	2021	2022	2022 as percent of 2021
Layers during December			
All layers 1,000	392,761	374,266	95
Table egg type 1,000	326,730	307,835	94
Hatching egg type 1,000	66,031	66,431	101
Broiler-type hatching 1,000	62,589	62,645	100
Egg-type hatching 1,000	3,442	3,786	110
Eggs per 100 layers during December			
All layers ....number	2,464	2,435	99
Table egg type ....number	2,564	2,542	99
Hatching egg type ....number	1,973	1,941	98
Broiler-type hatching ....number	1,938	1,898	98
Egg-type hatching ....number	2,609	2,652	102
Eggs produced during December			
All layers .... million	9,678.9	9,115.1	94
Table egg type .... million	8,376.2	7,825.8	93
Hatching egg type .... million	1,302.7	1,289.3	99
Broiler-type hatching .... million	1,212.9	1,188.9	98
Egg-type hatching .... million	89.8	100.4	112
Eggs produced during December			
All layers .... 1,000 dozen	806,574.6	759,591.8	94
Table egg type .... 1,000 dozen	698,016.4	652,150.2	93
Hatching egg type .... 1,000 dozen	108,558.2	107,441.6	99
Broiler-type hatching .... 1,000 dozen	101,074.9	99,074.9	98
Egg-type hatching .... 1,000 dozen	7,483.3	8,366.7	112

	2022	2023	2023 as percent of 2022
Layers on January 1			
All layers 1,000	392,407	373,141	95
Table egg type 1,000	325,965	306,277	94
Hatching egg type 1,000	66,442	66,864	101
Broiler-type hatching 1,000	62,998	63,037	100
Egg-type hatching 1,000	3,444	3,827	111
Eggs per 100 layers on January 1			
All layers ....number	79.3	78.2	99
Table egg type ....number	82.5	81.7	99
Hatching egg type ....number	63.3	62.3	98
Broiler-type hatching ....number	62.2	60.9	98
Egg-type hatching ....number	83.7	85.1	102
Molted layers on January 1			
Percent being molted ....percent	1.1	0.8	73
Percent with molt completed ....percent	12.6	10.6	84
Layers sold for slaughter during December 1,000	13,258	12,728	96
Layers rendered, died, destroyed, composted or disappeared for any reason during December 1,000	13,570	13,302	98
Pullets on January 1 1,000	123,833	126,387	102
Pullets added during December [1] 1,000	29,249	23,624	81

[1] Pullet chicks less than 3 days old added to pullet flocks.

Layers on Hand and Eggs Produced – States and United States: During November 2021 and 2022

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2021	2022	2021	2022	2021	2022
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,430	1,443	10,724	11,216	1,909	1,879
Arkansas	(D)	(D)	16,336	15,653	2,168	2,083
California	13,336	12,497	13,961	13,110	2,324	2,342
Colorado	4,426	1,608	4,934	2,136	2,438	2,299
Georgia	9,644	9,920	20,113	20,140	2,151	2,146
Illinois	6,286	6,330	6,845	6,884	2,275	2,361
Indiana	34,587	35,793	35,857	37,106	2,477	2,439
Iowa	47,601	38,829	49,499	40,735	2,548	2,500
Kentucky	(D)	(D)	5,400	5,458	2,230	2,221
Maryland	2,197	2,037	2,394	2,241	2,448	2,610
Michigan	15,372	16,502	15,680	16,827	2,492	2,485
Minnesota	7,844	8,109	8,378	8,644	2,418	2,478
Mississippi	(D)	(D)	5,552	5,756	2,039	2,133
Missouri	7,166	7,456	13,083	13,649	2,432	2,527
Nebraska	7,563	6,614	8,211	7,224	2,416	2,277
New York	5,174	5,227	5,742	5,779	2,503	2,542
North Carolina	7,428	6,786	15,709	15,381	2,105	2,121
Ohio	34,599	35,071	35,938	36,396	2,449	2,403
Oklahoma	(D)	(D)	2,409	2,384	1,959	1,951
Oregon	1,918	1,867	2,089	2,038	2,652	2,444
Pennsylvania	27,880	22,968	30,641	26,008	2,362	2,529
South Carolina	2,390	2,438	3,645	3,699	2,255	2,203
South Dakota	1,928	1,876	1,983	1,931	2,577	2,444
Texas	(D)	(D)	23,693	23,255	2,352	2,367
Utah	6,091	5,520	6,143	5,572	2,492	2,608
Virginia	793	884	2,526	2,706	2,260	2,203
Washington	6,407	6,327	6,571	6,491	2,517	2,568
Wisconsin	6,127	4,565	7,281	5,704	2,476	2,519
Other States [1]	24,806	24,739	30,905	31,101	2,363	2,339
United States	310,199	292,468	392,242	375,224	2,371	2,366

(D) Withheld to avoid disclosing data for individual operations.
[1] Includes data for States not published in this table.

Layers on Hand and Eggs Produced – States and United States: During December 2021 and 2022

State	Table egg layers in flocks 30,000 and above		Total layers		Eggs per 100 for total layers	
	2021	2022	2021	2022	2021	2022
	(1,000 layers)	(1,000 layers)	(1,000 layers)	(1,000 layers)	(eggs)	(eggs)
Alabama	1,403	1,397	10,814	11,238	1,985	1,914
Arkansas	(D)	(D)	16,460	15,725	2,230	2,157
California	13,014	11,854	13,623	12,451	2,368	2,403
Colorado	4,358	1,891	4,876	2,419	2,557	2,414
Georgia	9,357	9,886	19,817	20,316	2,224	2,213
Illinois	6,428	6,338	6,990	6,896	2,312	2,374
Indiana	34,163	35,683	35,418	37,020	2,513	2,530
Iowa	46,840	39,006	48,724	40,933	2,609	2,552
Kentucky	(D)	(D)	5,523	5,504	2,299	2,307
Maryland	2,158	2,034	2,348	2,231	2,513	2,689
Michigan	15,625	16,410	15,945	16,739	2,529	2,572
Minnesota	7,977	8,102	8,513	8,644	2,490	2,540
Mississippi	(D)	(D)	5,610	5,689	2,148	2,192
Missouri	7,275	7,320	13,266	13,537	2,528	2,575
Nebraska	7,604	6,211	8,222	6,804	2,487	2,371
New York	5,214	5,198	5,785	5,752	2,589	2,636
North Carolina	7,471	6,995	15,838	15,723	2,179	2,201
Ohio	35,039	34,892	36,364	36,209	2,538	2,483
Oklahoma	(D)	(D)	2,417	2,486	2,065	2,043
Oregon	1,937	1,894	2,108	2,065	2,666	2,620
Pennsylvania	27,767	22,819	30,579	25,924	2,674	2,603
South Carolina	2,533	2,577	3,765	3,868	2,353	2,272
South Dakota	1,877	1,378	1,932	1,433	2,567	2,505
Texas	(D)	(D)	23,650	23,601	2,475	2,408
Utah	6,163	5,856	6,215	5,908	2,679	2,602
Virginia	787	888	2,573	2,694	2,382	2,365
Washington	6,615	5,671	6,779	5,835	2,658	2,680
Wisconsin	6,097	4,615	7,232	5,727	2,539	2,598
Other States [1]	25,223	24,654	31,375	30,895	2,448	2,415
United States	310,049	291,037	392,761	374,266	2,464	2,435

(D) Withheld to avoid disclosing data for individual operations.
[1] Includes data for States not published in this table.

Egg Production by Type – States and United States: November 2021 and 2022

[Data by type of flock not shown for some States to avoid disclosing individual operations, data included in United States totals]

State	Total production		Table eggs		Hatching eggs	
	2021	2022	2021	2022	2021	2022
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	204.7	210.7	38.1	38.9	166.6	171.8
Arkansas	354.1	326.1	(D)	(D)	(D)	(D)
California	324.5	307.1	(D)	(D)	(D)	(D)
Colorado	120.3	49.1	(D)	(D)	(D)	(D)
Georgia	432.7	432.3	240.1	241.7	192.6	190.6
Illinois	155.7	162.5	151.8	158.8	3.9	3.7
Indiana	888.2	905.0	872.8	888.6	15.4	16.4
Iowa	1,261.4	1,018.2	1,242.6	995.5	18.8	22.7
Kentucky	120.4	121.2	(D)	(D)	(D)	(D)
Maryland	58.6	58.5	57.3	57.0	1.3	1.5
Michigan	390.7	418.1	(D)	(D)	(D)	(D)
Minnesota	202.6	214.2	194.9	206.6	7.7	7.6
Mississippi	113.2	122.8	(D)	(D)	(D)	(D)
Missouri	318.2	344.9	280.4	302.6	37.8	42.3
Nebraska	198.4	164.5	186.6	153.1	11.8	11.4
New York	143.7	146.9	(D)	(D)	(D)	(D)
North Carolina	330.6	326.3	176.9	168.1	153.7	158.2
Ohio	880.3	874.7	(D)	(D)	(D)	(D)
Oklahoma	47.2	46.5	(D)	(D)	(D)	(D)
Oregon	55.4	49.8	55.4	49.8	-	-
Pennsylvania	723.6	657.7	690.0	615.3	33.6	42.4
South Carolina	82.2	81.5	59.8	59.7	22.4	21.8
South Dakota	51.1	47.2	51.1	47.2	-	-
Texas	557.3	550.5	(D)	(D)	(D)	(D)
Utah	153.1	145.3	153.1	145.3	-	-
Virginia	57.1	59.6	28.7	30.8	28.4	28.8
Washington	165.4	166.7	(D)	(D)	(D)	(D)
Wisconsin	180.3	143.7	174.5	137.6	5.8	6.1
Other States [1]	730.4	727.4	656.5	652.7	73.9	74.7
United States	9,301.4	8,879.0	8,047.8	7,627.3	1,253.6	1,251.7

- Represents zero.
(D) Withheld to avoid disclosing data for individual operations.
[1] Not published separately to avoid disclosing individual operations.

Egg Production by Type – States and United States: December 2021 and 2022

[Data by type of flock not shown for some States to avoid disclosing individual operations, data included in United States totals]

State	Total production		Table eggs		Hatching eggs	
	2021	2022	2021	2022	2021	2022
	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)	(million eggs)
Alabama	214.7	215.1	40.6	38.4	174.1	176.7
Arkansas	367.0	339.2	(D)	(D)	(D)	(D)
California	322.6	299.2	(D)	(D)	(D)	(D)
Colorado	124.7	58.4	(D)	(D)	(D)	(D)
Georgia	440.8	449.6	243.5	252.4	197.3	197.2
Illinois	161.6	163.7	157.8	160.0	3.8	3.7
Indiana	890.0	936.6	873.8	918.7	16.2	17.9
Iowa	1,271.0	1,044.5	1,250.6	1,020.9	20.4	23.6
Kentucky	127.0	127.0	(D)	(D)	(D)	(D)
Maryland	59.0	60.0	57.6	58.6	1.4	1.4
Michigan	403.3	430.6	(D)	(D)	(D)	(D)
Minnesota	212.0	219.6	204.5	211.8	7.5	7.8
Mississippi	120.5	124.7	(D)	(D)	(D)	(D)
Missouri	335.3	348.6	294.7	305.3	40.6	43.3
Nebraska	204.5	161.3	193.4	150.1	11.1	11.2
New York	149.8	151.6	(D)	(D)	(D)	(D)
North Carolina	345.1	346.1	184.3	179.4	160.8	166.7
Ohio	922.9	899.1	(D)	(D)	(D)	(D)
Oklahoma	49.9	50.8	(D)	(D)	(D)	(D)
Oregon	56.2	54.1	56.2	54.1	-	-
Pennsylvania	817.8	674.7	781.8	628.1	36.0	46.6
South Carolina	88.6	87.9	66.0	65.3	22.6	22.6
South Dakota	49.6	35.9	49.6	35.9	-	-
Texas	585.3	568.2	(D)	(D)	(D)	(D)
Utah	166.5	153.7	166.5	153.7	-	-
Virginia	61.3	63.7	31.4	33.8	29.9	29.9
Washington	180.2	156.4	(D)	(D)	(D)	(D)
Wisconsin	183.6	148.8	177.6	142.8	6.0	6.0
Other States [1]	768.1	746.0	690.8	672.0	77.3	74.0
United States	9,678.9	9,115.1	8,376.2	7,825.8	1,302.7	1,289.3

- Represents zero.
(D) Withheld to avoid disclosing data for individual operations.
[1] Not published separately to avoid disclosing individual operations.

Egg Production in Dozens by Type – States and United States: November 2021 and 2022

[Data by type of flock not shown for some States to avoid disclosing individual operations, data included in United States totals]

State	Total production		Table eggs		Hatching eggs	
	2021	2022	2021	2022	2021	2022
	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
Alabama	17,058.3	17,558.4	3,175.0	3,241.7	13,883.3	14,316.7
Arkansas	29,508.3	27,174.9	(D)	(D)	(D)	(D)
California	27,041.6	25,591.7	(D)	(D)	(D)	(D)
Colorado	10,025.0	4,091.7	(D)	(D)	(D)	(D)
Georgia	36,058.3	36,025.1	20,008.3	20,141.7	16,050.0	15,883.4
Illinois	12,975.0	13,541.8	12,650.0	13,233.4	325.0	308.4
Indiana	74,016.6	75,416.6	72,733.3	74,050.0	1,283.3	1,366.6
Iowa	105,116.7	84,849.9	103,550.0	82,958.3	1,566.7	1,891.6
Kentucky	10,033.4	10,100.0	(D)	(D)	(D)	(D)
Maryland	4,883.4	4,875.0	4,775.0	4,750.0	108.4	125.0
Michigan	32,558.3	34,841.7	(D)	(D)	(D)	(D)
Minnesota	16,883.3	17,850.1	16,241.7	17,216.7	641.6	633.4
Mississippi	9,433.4	10,233.3	(D)	(D)	(D)	(D)
Missouri	26,516.7	28,741.6	23,366.7	25,216.6	3,150.0	3,525.0
Nebraska	16,533.3	13,708.4	15,550.0	12,758.4	983.3	950.0
New York	11,975.0	12,241.6	(D)	(D)	(D)	(D)
North Carolina	27,550.0	27,191.7	14,741.7	14,008.4	12,808.3	13,183.3
Ohio	73,358.4	72,891.6	(D)	(D)	(D)	(D)
Oklahoma	3,933.3	3,875.0	(D)	(D)	(D)	(D)
Oregon	4,616.7	4,150.0	4,616.7	4,150.0	-	-
Pennsylvania	60,300.0	54,808.3	57,500.0	51,275.0	2,800.0	3,533.3
South Carolina	6,850.0	6,791.7	4,983.3	4,975.0	1,866.7	1,816.7
South Dakota	4,258.4	3,933.3	4,258.4	3,933.3	-	-
Texas	46,441.7	45,875.0	(D)	(D)	(D)	(D)
Utah	12,758.3	12,108.4	12,758.3	12,108.4	-	-
Virginia	4,758.4	4,966.7	2,391.7	2,566.7	2,366.7	2,400.0
Washington	13,783.4	13,891.7	(D)	(D)	(D)	(D)
Wisconsin	15,024.9	11,974.9	14,541.6	11,466.6	483.3	508.3
Other States [1]	60,866.7	60,616.5	54,708.4	54,391.6	6,158.3	6,224.9
United States	775,116.8	739,916.6	670,650.2	635,608.4	104,466.6	104,308.2

- Represents zero.
(D) Withheld to avoid disclosing data for individual operations.
[1] Not published separately to avoid disclosing individual operations.

Egg Production in Dozens by Type – States and United States: December 2021 and 2022

[Data by type of flock not shown for some States to avoid disclosing individual operations, data included in United States totals]

State	Total production		Table eggs		Hatching eggs	
	2021	2022	2021	2022	2021	2022
	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)	(1,000 dozen eggs)
Alabama	17,891.6	17,925.0	3,383.3	3,200.0	14,508.3	14,725.0
Arkansas	30,583.3	28,266.7	(D)	(D)	(D)	(D)
California	26,883.3	24,933.3	(D)	(D)	(D)	(D)
Colorado	10,391.6	4,866.7	(D)	(D)	(D)	(D)
Georgia	36,733.3	37,466.7	20,291.7	21,033.4	16,441.6	16,433.3
Illinois	13,466.7	13,641.7	13,150.0	13,333.3	316.7	308.4
Indiana	74,166.7	78,049.9	72,816.7	76,558.3	1,350.0	1,491.6
Iowa	105,916.7	87,041.7	104,216.7	85,075.0	1,700.0	1,966.7
Kentucky	10,583.4	10,583.3	(D)	(D)	(D)	(D)
Maryland	4,916.7	5,000.0	4,800.0	4,883.3	116.7	116.7
Michigan	33,608.3	35,883.4	(D)	(D)	(D)	(D)
Minnesota	17,666.7	18,300.0	17,041.7	17,650.0	625.0	650.0
Mississippi	10,041.6	10,391.6	(D)	(D)	(D)	(D)
Missouri	27,941.6	29,050.1	24,558.3	25,441.7	3,383.3	3,608.4
Nebraska	17,041.6	13,441.6	16,116.6	12,508.3	925.0	933.3
New York	12,483.3	12,633.3	(D)	(D)	(D)	(D)
North Carolina	28,758.4	28,841.7	15,358.4	14,950.0	13,400.0	13,891.7
Ohio	76,908.4	74,925.0	(D)	(D)	(D)	(D)
Oklahoma	4,158.4	4,233.4	(D)	(D)	(D)	(D)
Oregon	4,683.3	4,508.3	4,683.3	4,508.3	-	-
Pennsylvania	68,150.0	56,225.0	65,150.0	52,341.7	3,000.0	3,883.3
South Carolina	7,383.3	7,324.9	5,500.0	5,441.6	1,883.3	1,883.3
South Dakota	4,133.4	2,991.7	4,133.4	2,991.7	-	-
Texas	48,775.0	47,350.0	(D)	(D)	(D)	(D)
Utah	13,875.0	12,808.4	13,875.0	12,808.4	-	-
Virginia	5,108.3	5,308.4	2,616.6	2,816.7	2,491.7	2,491.7
Washington	15,016.6	13,033.3	(D)	(D)	(D)	(D)
Wisconsin	15,300.0	12,400.0	14,800.0	11,900.0	500.0	500.0
Other States [1]	64,008.1	62,166.7	57,566.5	56,000.1	6,441.6	6,166.6
United States	806,574.6	759,591.8	698,016.4	652,150.2	108,558.2	107,441.6

- Represents zero.
(D) Withheld to avoid disclosing data for individual operations.
[1] Not published separately to avoid disclosing individual operations.

Total Layers Molted First Day of the Month by Month – United States: 2022-2023

[Blank data cells indicate estimation period has not yet begun]

Month	Being molted		Molt completed	
	2022	2023	2022	2023
	(percent)	(percent)	(percent)	(percent)
January	1.1	0.8	12.6	10.6
February	1.8		11.6	
March	1.7		12.1	
April	1.2		12.6	
May	1.2		12.8	
June	2.2		12.1	
July	1.7		12.3	
August	1.3		12.3	
September	1.8		11.6	
October	1.7		11.4	
November	1.3		11.7	
December	0.6		11.6	

Total Layers Molted First Day of the Month – States and United States: December 1 and January 1, 2021-2023

State	Being molted				Molt completed			
	December 1		January 1		December 1		January 1	
	2021	2022	2022	2023	2021	2022	2022	2023
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Alabama	0.5	-	-	0.5	4.5	4.5	5.0	4.5
Arkansas	1.0	-	1.0	3.0	10.5	7.5	9.0	6.5
California	-	-	-	-	6.5	4.5	3.0	4.0
Colorado	2.0	-	1.5	-	13.0	-	10.5	-
Georgia	1.0	-	1.5	-	12.0	6.0	10.5	5.0
Illinois	7.5	-	7.0	-	26.5	23.0	28.0	21.0
Indiana	-	1.0	1.0	-	11.0	8.0	10.5	8.0
Iowa	0.5	1.0	1.5	0.5	10.5	9.0	9.5	7.5
Kentucky	-	-	-	-	2.0	6.5	-	2.0
Maryland	-	-	1.5	-	-	-	-	-
Michigan	1.0	0.5	1.0	0.5	3.0	4.0	2.0	4.0
Minnesota	1.0	1.0	1.0	-	8.0	5.0	7.0	5.0
Mississippi	3.0	-	1.5	1.0	18.0	25.5	20.5	23.5
Missouri	0.5	-	0.5	-	7.0	1.5	4.0	0.5
Nebraska	-	-	-	-	3.0	1.0	2.5	-
New York	-	-	1.5	1.5	1.5	1.5	1.0	1.5
North Carolina	0.5	-	-	-	12.0	6.0	11.0	4.0
Ohio	1.0	0.5	1.0	1.0	13.5	10.5	13.5	8.5
Oklahoma	-	-	2.0	-	16.0	25.0	15.5	23.0
Oregon	-	-	1.0	-	1.0	-	0.5	-
Pennsylvania	2.0	0.5	0.5	1.0	2.0	2.5	1.5	2.5
South Carolina	-	2.0	5.5	3.0	21.5	24.0	13.0	24.0
South Dakota	-	-	-	-	6.0	-	5.5	-
Texas	1.0	-	0.5	2.5	58.5	54.0	56.0	51.0
Utah	1.0	3.0	5.0	3.0	33.5	23.5	31.5	20.5
Virginia	-	-	-	-	-	-	-	-
Washington	1.5	-	-	-	8.5	8.5	9.0	4.0
Wisconsin	-	-	-	-	9.5	8.5	9.0	8.0
Other States [1]	1.7	2.1	1.3	2.1	22.2	21.7	21.6	21.2
United States	1.0	0.6	1.1	0.8	13.6	11.6	12.6	10.6

- Represents zero.
[1] Includes data for States not published in this table.

Hatchery Production – United States: 2022 and 2023

Item	2022	2023	2023 as percent of 2022
	(1,000)	(1,000)	(percent)
Egg-type			
Eggs in incubators on January 1	46,378	49,229	106
Chicks hatched during December	48,209	48,000	100
Chicks hatched January through December	627,647	630,354	100
Pullets hatched during December for intended placements:			
Hatchery supply flocks	214	217	101
Cumulative potential placements 7-18 months earlier [1]	3,445	2,989	87
Broiler-type			
Eggs in incubators on January 1	712,702	718,571	101
Chicks hatched during December	846,240	853,712	101
Chicks hatched January through December	9,882,191	10,030,661	102
Pullets hatched during December for intended placements:			
Hatchery supply flocks	8,986	9,158	102
Cumulative potential placements 7-15 months earlier [2]	74,767	77,234	103

[1] 2023 includes pullet chicks hatched June 2021 through May 2022.
[2] 2023 includes pullet chicks hatched September 2021 through May 2022.

Egg-Type Eggs in Incubators on the First of the Month – United States: 2022-2023

[Blank data cells indicate estimation period has not yet begun]

Item	2022	2023	2023 as percent of 2022
	(1,000)	(1,000)	(percent)
January	46,378	49,229	106
February	51,822		
March	57,677		
April	57,156		
May	51,046		
June	49,652		
July	45,360		
August	49,852		
September	49,192		
October	47,868		
November	47,299		
December	47,740		

Egg-Type Chicks Hatched by Month – United States: 2021-2022

Month	Monthly			Cumulative		
	2021	2022	2022 as percent of 2021	2021	2022	2022 as percent of 2021
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	50,982	49,048	96	50,982	49,048	96
February	52,273	51,796	99	103,255	100,844	98
March	62,319	60,099	96	165,574	160,943	97
April	59,787	50,636	85	225,361	211,579	94
May	57,729	57,802	100	283,090	269,381	95
June	54,339	56,816	105	337,429	326,197	97
July	50,954	49,915	98	388,383	376,112	97
August	49,682	55,991	113	438,065	432,103	99
September	49,626	53,242	107	487,691	485,345	100
October	45,949	50,330	110	533,640	535,675	100
November	45,798	46,679	102	579,438	582,354	101
December	48,209	48,000	100	627,647	630,354	100

Intended Placements of Egg-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total – United States: 2021-2023

[Blank data cells indicate estimation period has not yet begun]

Month	Pullet chicks hatched		2022 as percent of 2021	Cumulative potential placements relative to current supply flocks 7-18 months earlier [1]	
	2021	2022		2022	2023
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
January	279	261	94	3,360	2,919
February	202	276	137	3,265	2,886
March	327	199	61	3,225	2,805
April	266	208	78	3,313	2,779
May	306	269	88	3,368	2,778
June	288	218	76	3,403	2,774
July	199	166	83	3,156	2,777
August	330	249	75	3,138	
September	289	263	91	3,212	
October	252	251	100	3,084	
November	204	200	98	3,026	
December	214	217	101	2,989	
Annual total	3,156	2,777	88		

[1] For December 2022, includes breeder pullet chicks hatched June 2021 through May 2022. The 7-18 months represent the first laying cycle. Molting and additional laying cycles will increase the cumulative potential placements.

Broiler-Type Eggs in Incubators on the First of the Month – United States: 2022-2023

[Blank data cells indicate estimation period has not yet begun]

Item	2022	2023	2023 as percent of 2022
	(1,000)	(1,000)	(percent)
January	712,702	718,571	101
February	715,910		
March	719,191		
April	721,163		
May	721,523		
June	728,799		
July	724,571		
August	727,488		
September	734,139		
October	720,159		
November	707,964		
December	721,508		

Broiler-Type Chicks Hatched – States and United States: December 2021 and 2022

State	During December			January-December		
	2021	2022	2022 as percent of 2021	2021	2022	2022 as percent of 2021
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
Alabama	120,672	124,777	103	1,395,997	1,450,628	104
Arkansas	87,515	86,214	99	1,004,113	1,029,795	103
Delaware	17,612	19,344	110	190,604	209,879	110
Florida	4,372	4,291	98	50,023	49,937	100
Georgia	121,385	125,160	103	1,411,867	1,443,817	102
Kentucky	20,888	22,667	109	309,775	250,990	81
Louisiana	11,511	12,197	106	136,538	138,138	101
Maryland	28,614	28,746	100	335,914	337,506	100
Mississippi	61,398	60,137	98	731,448	713,624	98
Missouri	34,545	35,708	103	395,531	407,031	103
North Carolina	89,966	88,252	98	1,039,216	1,072,860	103
Oklahoma	25,872	25,561	99	293,849	306,397	104
Pennsylvania	25,063	24,617	98	279,430	281,547	101
South Carolina	17,883	20,610	115	232,749	226,367	97
Texas	65,282	64,398	99	752,276	776,847	103
Virginia	23,904	20,051	84	276,956	274,471	99
California, Tennessee, and West Virginia	46,382	46,345	100	529,101	545,038	103
Other States [2]	43,376	44,637	103	516,804	515,789	100
United States	846,240	853,712	101	9,882,191	10,030,661	102

[1] States in the weekly hatchery production estimating program.
[2] Not published separately to avoid disclosing data for individual operations.

Broiler-Type Chicks Hatched by Month – United States: 2021-2022

Month	Monthly			Cumulative		
	2021	2022	2022 as percent of 2021	2021	2022	2022 as percent of 2021
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)	(percent)
January	848,743	839,265	99	848,743	839,265	99
February	757,377	758,932	100	1,606,120	1,598,197	100
March	840,635	844,719	100	2,446,755	2,442,916	100
April	821,252	821,754	100	3,268,007	3,264,670	100
May	850,488	854,115	100	4,118,495	4,118,785	100
June	823,316	835,072	101	4,941,811	4,953,857	100
July	843,578	859,263	102	5,785,389	5,813,120	100
August	840,314	865,459	103	6,625,703	6,678,579	101
September	801,015	839,364	105	7,426,718	7,517,943	101
October	810,633	848,702	105	8,237,351	8,366,645	102
November	798,600	810,304	101	9,035,951	9,176,949	102
December	846,240	853,712	101	9,882,191	10,030,661	102

Intended Placements of Broiler-Type Pullet Chicks for Hatchery Supply Flocks by Month and Total: 2021-2023

[Blank data cells indicate estimation period has not yet begun]

Month	Pullet chicks hatched		2022 as percent of 2021	Cumulative potential placements relative to current supply flocks 7-15 months earlier [1]	
	2021	2022		2022	2023
	(1,000 chicks)	(1,000 chicks)	(percent)	(1,000 chicks)	(1,000 chicks)
United States placements					
January	8,095	7,880	97	74,605	76,325
February	8,245	8,499	103	75,156	75,295
March	8,232	9,296	113	76,097	74,989
April	8,110	7,935	98	77,914	74,146
May	8,708	8,468	97	78,385	73,568
June	9,546	8,709	91	78,126	72,731
July	8,623	7,536	87	78,880	72,593
August	8,737	7,680	88	78,650	
September	9,618	8,143	85	78,441	
October	8,566	7,302	85	78,191	
November	7,986	7,662	96	77,503	
December	8,986	9,158	102	77,234	
Annual total	103,452	98,268	95		
Total placements [2]					
January	9,811	9,370	96		
February	9,954	10,423	105		
March	9,996	11,023	110		
April	9,908	9,212	93		
May	10,148	9,962	98		
June	11,179	10,338	92		
July	10,079	8,847	88		
August	10,585	9,053	86		
September	11,250	9,621	86		
October	10,401	8,793	85		
November	9,226	9,069	98		
December	10,587	10,522	99		
Annual total	123,124	116,233	94		

[1] For December 2022, includes breeder pullet chicks hatched September 2021 through May 2022.
[2] United States production of intended placements worldwide.

Statistical Methodology

Survey Procedures: Primary data for the *Chickens and Eggs* report are from weekly and/or monthly questionnaires sent to producers. An attempt is made to collect information for layer and egg estimates from each known contractor and independent producer who has at least 30,000 table egg layers, flocks of hatchery supply layers, or pullet only operations with at least 500 pullets. Coverage for operations with less than 30,000 table egg layers are estimated each month based on data reported in December. Approximately 500 contractors, independent egg producers, and pullet only operations are contacted each month. Data for broiler hatchery estimates are collected weekly from all broiler-type hatcheries that hatch at least one million chicks a year. Data for egg-type hatchery estimates are collected monthly from all egg-type hatcheries that hatch at least 50,000 chicks a year.

Estimating Procedures: Sound statistical methodology is employed to derive estimates from the reported data. All data are analyzed for unusual values. Data from each operation are compared to their own past operating profile and to trends from similar operations. Data for missing operations are estimated based on similar operations or historical data. NASS regional field offices prepare these estimates by using a combination of survey indications and historic trends. Individual State estimates are reviewed by the Agricultural Statistics Board for reasonableness.

For chicken hatcheries, chicks hatched consist of all chicks of domesticated breeds including males and chicks destined for hatchery supply flocks and research purposes. Eggs set are eggs in incubators for the purpose of hatching. The relationship of egg-type chicks hatched to chicken inventory and poultry marketings are carefully monitored. The disposition of egg-type chicks hatched prior to placement into the laying flock can vary significantly, which can make comparisons to changes in layer inventory inconsistent over time. Broiler chicks placed are specifically for meat production. Intended placement data reported by leading breeders include pullet chicks expected from eggs sold the preceding month. The breeders in this report account for a large percentage of replacement pullets for hatchery supply flocks. Production of replacement pullets by these breeders indicates the number of pullets available to hatchery supply layer flocks several months before the pullets will actually move into the laying flocks. “Hatchery Supply Flocks” include all generations of layers which could lay eggs to supply a hatchery. This includes the generations of parents, grandparents, great-grandparents, pedigree, etc. Also included are research flocks, vaccine flocks, and specific pathogen-free flocks. The broiler cumulative potential placements are a moving total of the intended placements 7-15 months earlier. The egg-type cumulative potential placements of 7-18 months earlier represent the first laying cycle. Molting and additional laying cycles will increase the cumulative potential placements of egg-type hatching flocks.

Revision Policy: The previous month's estimates are subject to revision if late reports or corrected data indicates a different level. Additionally, revisions after the monthly report will be made at the end of the marketing year and published in the annual reports of *Chickens and Eggs Summary* and *Hatchery Production Summary*. Estimates will also be reviewed for chickens and eggs after data from the 5-year Census of Agriculture are available. No revisions will be made after that date.

Reliability: Estimates are based on a census of all known contractors and independent producers who have at least 30,000 table egg layers, flocks of hatchery supply layers, pullet only operations with at least 500 pullets, or operating hatcheries and therefore, have no sampling error. However, estimates are subject to errors such as omission, duplication, and mistakes in reporting, recording, and processing the data. While these errors cannot be measured directly, they are minimized through strict quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

To assist in evaluating the reliability of the estimates in this report, the “Root Mean Square Error” is shown for selected items in the following table. The “Root Mean Square Error” is a statistical measure based on past performance and is computed using the differences between first and final estimates. The “Root Mean Square Error” for total layers over the past 24 months is 0.2 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 374 million layers by more than 0.2 percent. Chances are 9 out of 10 that the difference will not exceed 0.3 percent.

Reliability of Layer and Egg Estimates

[Based on data for the past 24 months]

Item	Root mean square error	90 percent confidence level	Difference between first and latest estimate				
			Average	Smallest	Largest	Months	
						Below latest	Above latest
	(percent)	(percent)	(1,000)	(1,000)	(1,000)	(number)	(number)
Total layers	0.2	0.3	459	39	1,348	15	9
			(million)	(million)	(million)		
Eggs	0.8	1.3	52	3	147	9	15

Terms and Definitions of Chickens and Eggs Estimates

Total Layers includes both table egg and hatching egg flocks regardless of size.

Intended Placements are reported by leading breeders. Coverage may not be 100 percent. Includes expected pullet chicks from eggs sold during the preceding month at the rate of 125 pullet chicks per case of 30 dozen eggs.

Molted Layers is the same data series as the previously published Forced Molt Layers. Nomenclature changed as of January 2015.

Information Contacts

Listed below are the commodity specialists in the Livestock Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to nass@usda.gov

Travis Averill, Chief, Livestock Branch ..... (202) 692-0069

Jean Porter, Head, Poultry and Specialty Commodities Section ..... (202) 690-3223
- Holly Brenize – Poultry Slaughter ..... (202) 720-0585
- Liana Cuffman – Catfish and Trout, Mink, Census of Aquaculture ..... (202) 720-8784
- Fatema Haque – Turkey Hatchery, Turkeys Raised ..... (202) 720-3244
- Derron Martin – Chicken Hatchery, Egg Products ..... (202) 690-3237
- Seth Riggins – Honey, Honey Bee Colonies ..... (202) 690-4870
- Shulonda Shaw – Cold Storage, Capacity of Refrigerated Warehouses ..... (202) 720-3240
- Autumn Stone – Layers, Eggs ..... (202) 690-3676
- Takiyah Walker – Broiler Hatchery ..... (202) 720-6147

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- Cornell's Mann Library has launched a new website housing NASS's and other agency's archived reports. The new website, https://usda.library.cornell.edu. All email subscriptions containing reports will be sent from the new website, https://usda.library.cornell.edu. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: https://usda.library.cornell.edu/help. You should whitelist notifications@usda-esmis.library.cornell.edu in your email client to avoid the emails going into spam/junk folders.

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