

Data Brief 155: Recent Declines in Induction of Labor by Gestational Age

Data table for Figure 1. Induction of labor, by gestational age: United States, 1990–2012

Year	Period of gestation						
	All births	Preterm		Term			Postterm
		Early	Late	Early	Full	Late	
Percent ¹							
2012	23.3	11.0	16.6	18.4	24.9	33.6	27.7
2011	23.7	11.3	16.8	19.2	25.5	33.9	28.3
2010	23.8	11.4	17.1	19.8	25.5	33.8	28.3
2009	23.6	11.3	17.0	20.2	25.2	33.1	28.0
2008	23.5	11.2	17.3	20.8	24.8	32.5	27.5
2007	23.2	11.0	17.2	20.8	24.5	32.0	26.9
2006	23.0	10.9	17.3	21.0	24.1	31.6	26.8
2005	22.7	10.9	17.3	21.0	23.6	30.8	26.2
2004	21.6	10.6	16.7	20.1	22.1	29.5	25.4
2003	20.9	10.4	16.0	19.4	21.4	28.9	24.3
2002	20.9	10.6	16.2	19.4	21.3	28.7	24.3
2001	20.7	10.6	16.2	19.3	20.8	28.4	24.4
2000	20.1	11.0	16.2	18.7	19.9	27.1	24.4
1999	20.0	10.8	15.9	18.6	19.8	27.2	24.0
1998	19.4	10.5	15.5	17.9	19.0	26.6	23.9
1997	18.6	10.2	14.6	16.9	18.0	25.8	23.3
1996	17.1	9.4	13.5	15.5	16.3	23.3	22.2
1995	16.1	9.0	12.6	14.3	15.3	22.6	21.3
1994	14.8	8.3	11.5	13.0	13.8	20.9	20.1
1993	13.5	7.9	10.5	11.7	12.4	19.1	18.8
1992	11.5	6.6	9.0	9.9	10.3	15.8	16.8
1991	10.5	6.1	8.2	8.9	9.4	14.9	15.8
1990	9.6	5.6	7.5	8.1	8.3	13.4	14.9

¹Singleton births only.

SOURCE: CDC/NCHS, National Vital Statistics System.

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Data table for Figure 2. Induction of labor at each gestational week 34–38: United States, 2006–2012 and percent change 2006 and 2012

Gestational age	2012	2011	2010	2009	2008	2007	2006	Percent change 2006 and 2012
	Percent ¹							
34	16.6	16.2	16.6	16.1	16.4	16.1	15.9	4
35	16.1	16.4	16.5	16.5	16.5	16.7	16.6	–3
36	16.9	17.2	17.6	17.6	18.0	17.9	18.1	–7
37	18.9	19.3	19.4	19.5	19.9	19.9	20.1	–6
38	18.1	19.2	20.1	20.6	21.3	21.3	21.5	–16

¹Singleton births only.

NOTES: All changes from 2006–2012 are statistically significant at the 0.05 level. Thirty-four, 35, and 36 weeks are late preterm; 37 and 38 weeks are early term.

SOURCE: CDC/NCHS, National Vital Statistics System.

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Data table for Figure 3. Induction of labor at each gestational week 35–38, by age of mother: United States, 2006 and 2012 and percent change 2006 and 2012

Age of mother	2012	2006	Percent change 2006 and 2012	2012	2006	Percent change 2006 and 2012
	Percent ¹			Percent ¹		
	35 weeks			36 weeks		
Under 20	19.2	17.5	10	20.1	19.1	5
20–24	16.6	16.9	*	18.0	18.7	–4
25–29	16.1	16.8	–4	16.6	18.5	–10
30–34	15.4	15.8	*	16.0	17.4	–8
35–39	14.6	15.7	–7	15.2	16.9	–10
40 and over	14.8	16.0	*	15.6	16.2	*
	37 weeks			38 weeks		
Under 20	21.8	20.8	5	20.8	22.1	–6
20–24	20.1	20.8	–3	19.3	22.2	–13
25–29	19.1	20.9	–9	18.3	22.5	–19
30–34	17.7	19.3	–8	17.0	20.7	–18
35–39	17.0	18.5	–8	16.6	19.5	–15
40 and over	18.1	17.8	*	18.1	18.5	*

¹Singleton births only.

* Change not statistically significant at 0.05 level.

NOTES: Thirty-five and 36 weeks are late preterm; 37 and 38 weeks are early term.

SOURCE: CDC/NCHS, National Vital Statistics System.

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Data table for Figure 4. Induction of labor at each gestational week 35–38, by race and Hispanic origin: United States, 2006 and 2012 and percent change 2006 and 2012

Race and Hispanic origin	2006			2012		
	Percent ¹	Percent ¹	Percent change 2006 and 2012	Percent ¹	Percent ¹	Percent change 2006 and 2012
	35 weeks			36 weeks		
Non-Hispanic white	17.3	18.5	–6	18.4	20.7	–11
Non-Hispanic black	17.5	16.5	6	18.2	17.9	*
Hispanic	13.5	13.4	*	14.0	14.0	*
	37 weeks			38 weeks		
Non-Hispanic white	21.3	23.8	–11	21.1	25.9	–19
Non-Hispanic black	19.5	18.5	5	18.4	19.0	–3
Hispanic	14.9	14.8	*	13.7	14.7	–7

¹Singleton births only.

*Change not statistically significant at 0.05 level.

NOTES: Thirty-five and 36 weeks are late preterm; 37 and 38 weeks are early term.

SOURCE: CDC/NCHS, National Vital Statistics System.

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Data table for Figure 5. Induction of labor at 38 weeks of gestation by state: Each state, 2006 and 2012 and percent change 2006 and 2012

Area	2012	2006	Percent change 2006 and 2012
	Percent ¹		
Alabama	23.7	32.2	-26
Alaska	22.8	17.1	33
Arizona	15.6	15.5	*
Arkansas	20.2	25.0	-19
California	9.3	11.1	-16
Colorado	14.3	18.4	-22
Connecticut	15.3	17.3	-12
Delaware	22.4	23.5	*
District of Columbia	16.3	22.8	-29
Florida	17.5	22.1	-21
Georgia	18.9	23.4	-19
Hawaii	13.1	13.6	*
Idaho	19.0	26.0	-27
Illinois	19.5	22.8	-14
Indiana	26.7	27.4	*
Iowa	20.3	23.8	-15
Kansas	22.1	25.8	-14
Kentucky	23.3	28.8	-19
Louisiana	22.5	24.4	-8
Maine	18.5	17.6	*
Maryland	17.6	18.6	-5
Massachusetts	12.9	14.9	-13
Michigan	17.8	18.2	*
Minnesota	15.2	19.4	-22
Mississippi	19.8	20.6	*
Missouri	25.2	28.5	-12
Montana	19.9	25.4	-22
Nebraska	20.1	31.6	-36
Nevada	17.9	19.2	-7
New Hampshire	16.8	19.1	*
New Jersey	14.6	17.2	-15
New Mexico	13.3	13.4	*
New York	20.6	18.6	11
North Carolina	19.6	18.0	9
North Dakota	16.8	27.2	-38
Ohio	23.0	30.4	-24
Oklahoma	25.1	27.4	-8
Oregon	21.9	26.6	-18
Pennsylvania	16.4	18.9	-13
Rhode Island	15.5	14.7	*
South Carolina	22.5	30.2	-25
South Dakota	19.1	28.8	-34
Tennessee	29.7	33.5	-11
Texas	20.2	25.2	-20
Utah	16.5	31.8	-48
Vermont	19.9	21.9	*
Virginia	13.8	19.2	-28
Washington	15.1	19.4	-22
West Virginia	21.7	31.8	-32
Wisconsin	20.4	21.6	-6
Wyoming	19.6	23.1	-15

¹Singleton births only.

*Change not statistically significant at 0.05 level.

NOTE: Thirty-eight weeks is early term.

SOURCE: CDC/NCHS, National Vital Statistics System.