## IOWA PRENATAL CARE BARRIERS PROJECT DATA FROM 2016 SURVEYS

2016 Respondents from All Hospitals in Iowa: 21,928

2016 Respondents with Babies Born in Humboldt County: 84\*

<sup>\*</sup>Because of the small number of cases, data may not be representative of the entire population of new mothers whose babies were in this county.

Demographic Indicators	State	County
Mother's Age		
Less than 18 years	01%	<1%
18-19 years	03%	02%
20-25 years	26%	18%
26-30 years	36%	44%
31-35 years	25%	29%
More than 35 years	08%	07%
Mother's Ethnicity		
Hispanic	07%	04%
Non-Hispanic	93%	96%
Black	05%	01%
White	91%	96%
Asian or Pacific Islander	03%	02%
American Indian or Native Alaskan	01%	<1%
Socioeconomic Indicators	State	County
Socioeconomic Indicators  Mother's Education	State	County
	State	County 01%
Mother's Education		-
Mother's Education Less than high school	07%	01%
Mother's Education Less than high school High school	07% 20%	01% 19%
Mother's Education Less than high school High school Some college	07% 20% 34%	01% 19% 39%
Mother's Education Less than high school High school Some college College graduate (Bachelor's degree)	07% 20% 34% 27%	01% 19% 39% 31%
Mother's Education Less than high school High school Some college College graduate (Bachelor's degree) Graduate school  Household Income	07% 20% 34% 27%	01% 19% 39% 31%
Mother's Education Less than high school High school Some college College graduate (Bachelor's degree) Graduate school  Household Income Less than \$10,000	07% 20% 34% 27% 11%	01% 19% 39% 31% 10%
Mother's Education Less than high school High school Some college College graduate (Bachelor's degree) Graduate school  Household Income Less than \$10,000 \$10,000 - \$19,999	07% 20% 34% 27% 11%	01% 19% 39% 31% 10%
Mother's Education Less than high school High school Some college College graduate (Bachelor's degree) Graduate school  Household Income Less than \$10,000 \$10,000 - \$19,999 \$20,000 - \$29,999	07% 20% 34% 27% 11%	01% 19% 39% 31% 10%
Mother's Education Less than high school High school Some college College graduate (Bachelor's degree) Graduate school  Household Income Less than \$10,000 \$10,000 - \$19,999 \$20,000 - \$29,999 \$30,000 - \$39,999	07% 20% 34% 27% 11% 12% 09%	01% 19% 39% 31% 10% 05% 07%
Mother's Education Less than high school High school Some college College graduate (Bachelor's degree) Graduate school  Household Income Less than \$10,000 \$10,000 - \$19,999 \$20,000 - \$29,999	07% 20% 34% 27% 11% 12% 09% 09%	01% 19% 39% 31% 10% 05% 07% 07%

Doctor, Nurse, or Other Health Care Provider Talked About:Taking folic acid or a multivitamin46%58%Smoking35%40%Drinking alcohol31%37%Your weight29%32%Regular exercise32%29%How romantic relationships affect your health13%08%Did not see a doctor, nurse, or other health care professional for a check-up in the 12 months prior to becoming pregnant31%31%Behavioral Indicators During PregnancyStateCountyNo Birth Control was Used at Time of Conception87%89%Unintended Pregnancy and Did NOT Use Birth Control70%78%Plan to return to work outside of home following birth of this baby Yes73%74%No27%26%Does worksite have designated room/location (not counting bathroom stalls) for mothers to breastfeed or pump/express their breast milk52%60%Yes52%60%30%27%Don't Know18%13%Does worksite have written policy about breastfeeding?Yes21%23%No28%32%Don't Know51%45%Cigarettes Smoked During Last 3 Months of Pregnancy789%Not adoption in past 2 years7%89%2ero cigarettes per day55%67%1-10 per day40%33%1-20 per day65%41%More than 20 per day65%41%More than 20 per day65%	Information Received in 12 Months Prior to Becoming Pregnant	State	County
Smoking Drinking alcohol 31% 37% 700 Prinking alcohol 31% 37% 37% 700 Prinking alcohol 31% 37% 32% Regular exercise 32% 29% How romantic relationships affect your health 13% 08% Did not see a doctor, nurse, or other health care professional for a check-up in the 12 months prior to becoming pregnant	Doctor, Nurse, or Other Health Care Provider Talked About:		
Drinking alcohol         31%         37%           Your weight         29%         32%           Regular exercise         32%         29%           How romantic relationships affect your health         13%         08%           Did not see a doctor, nurse, or other health care professional for a check-up in the 12 months prior to becoming pregnant         31%         31%           Behavioral Indicators During Pregnancy         State         County           No Birth Control was Used at Time of Conception         87%         89%           Unintended Pregnancy and Did NOT Use Birth Control         70%         78%           Plan to return to work outside of home following birth of this baby         73%         74%           Yes         73%         74%         26%           No         27%         26%           Does worksite have designated room/location (not counting bathroom stalls) for mothers to breastfeed or pump/express their breast milk         52%         60%           Yes         52%         60%         0         27%           Don't Know         18%         13%           Does worksite have written policy about breastfeeding?         21%         23%           Yes         21%         23%           No         28%         32%	Taking folic acid or a multivitamin	46%	58%
Your weight29% Regular exercise32% 32% 29% 10% 1			
Regular exercise 32% 29% How romantic relationships affect your health 13% 08% Did not see a doctor, nurse, or other health care professional for a check-up in the 12 months prior to becoming pregnant 31% 131% in the 12 months prior to becoming pregnant 31% 131% in the 12 months prior to becoming pregnant 31% 131% in the 12 months prior to becoming pregnant 31% 13% in the 12 months prior to becoming pregnant 31% 13% in the 12 months prior to becoming pregnant 31% 13% 13% in the 12 months prior to becoming pregnant 31% 13% 13% 13% 13% 13% 13% 13% 13% 13%			
How romantic relationships affect your health Did not see a doctor, nurse, or other health care professional for a check-up in the 12 months prior to becoming pregnant    Behavioral Indicators During Pregnancy			32%
Did not see a doctor, nurse, or other health care professional for a check-up in the 12 months prior to becoming pregnant    Behavioral Indicators During Pregnancy			
Behavioral Indicators During Pregnancy No Birth Control was Used at Time of Conception 87% 89% Unintended Pregnancy and Did NOT Use Birth Control 70% 78% Plan to return to work outside of home following birth of this baby Yes 73% 74% No 27% 26%  Does worksite have designated room/location (not counting bathroom stalls) for mothers to breastfeed or pump/express their breast milk Yes 52% 60% No 30% 27% Don't Know 18% 13%  Does worksite have written policy about breastfeeding? Yes 21% 23% No 28% 32% Don't Know 51% 45%  Cigarettes Smoked During Last 3 Months of Pregnancy Not smoked in past 2 years 77% 89% Cigarettes Smoked During Last 3 Months of Pregnancy Not smoked in past 2 years 77% 89% 1-10 per day 40% 33% 11-20 per day 40% 33% 11-20 per day 40% 33% 11-20 per day 40% 33% Nore than 20 per day 40% 33% More than 20 per day 40% 33% More than 20 per day 40% 33% Cero cigarettes per day 55% 67% Alcoholic Drinks During Last 3 Months of Pregnancy Not had any alcoholic drinks in past 2 years 28% 18% Zero drinks per week 98% 96% 2ero drinks per week 98% 96% 2drinks per week 98% 96% 2drinks per week 40% 01% 01% 2 drinks per week 40% 01% 01% 2 drinks per week 40% 01% 01%	·		
No Birth Control was Used at Time of Conception 87% 89% Unintended Pregnancy and Did NOT Use Birth Control 70% 78%  Plan to return to work outside of home following birth of this baby Yes 73% 74% No 27% 26%  Does worksite have designated room/location (not counting bathroom stalls) for mothers to breastfeed or pump/express their breast milk Yes 52% 60% No 30% 27% Don't Know 18% 13%  Does worksite have written policy about breastfeeding? Yes 21% 23% No 28% 32% Don't Know 51% 45%  Cigarettes Smoked During Last 3 Months of Pregnancy Not smoked in past 2 years 77% 89% Zero cigarettes per day 40% 33% 11-20 per day 40% 33% Alcoholic Drinks During Last 3 Months of Pregnancy Not had any alcoholic drinks in past 2 years 28% 18% Zero drinks per week 98% 96% 1 drink per week 01% 01% 01% 2 drinks per week 01% 03%	•	31%	31%
Unintended Pregnancy and Did NOT Use Birth Control  Plan to return to work outside of home following birth of this baby Yes 73% 74% No 27% 26%  Does worksite have designated room/location (not counting bathroom stalls) for mothers to breastfeed or pump/express their breast milk Yes 52% 60% No 30% 27% Don't Know 18% 13%  Does worksite have written policy about breastfeeding? Yes 21% 23% No 28% 32% Don't Know 51% 45%  Cigarettes Smoked During Last 3 Months of Pregnancy Not smoked in past 2 years 77% 89% Zero cigarettes per day 55% 67% 1-10 per day 40% 33% 11-20 per day 05% <1% More than 20 per day 05% <1% More than 20 per day 01% <1%  Alcoholic Drinks During Last 3 Months of Pregnancy Not had any alcoholic drinks in past 2 years 28% 18% Zero drinks per week 98% 96% 1 drink per week 01% 01% 21%	Behavioral Indicators During Pregnancy	State	County
Plan to return to work outside of home following birth of this baby           Yes         73%         74%           No         27%         26%           Does worksite have designated room/location (not counting bathroom stalls) for mothers to breastfeed or pump/express their breast milk           Yes         52%         60%           No         30%         27%           Don't Know         18%         13%           Does worksite have written policy about breastfeeding?           Yes         21%         23%           No         28%         32%           Don't Know         51%         45%           Cigarettes Smoked During Last 3 Months of Pregnancy           Not smoked in past 2 years         77%         89%           Zero cigarettes per day         55%         67%           1-10 per day         40%         33%           11-20 per day         40%         33%           11-20 per day         05%         <1%	No Birth Control was Used at Time of Conception	87%	89%
Yes         73%         74%           No         27%         26%           Does worksite have designated room/location (not counting bathroom stalls) for mothers to breastfeed or pump/express their breast milk           Yes         52%         60%           No         30%         27%           Don't Know         18%         13%           Does worksite have written policy about breastfeeding?           Yes         21%         23%           No         28%         32%           Don't Know         51%         45%           Cigarettes Smoked During Last 3 Months of Pregnancy           Not smoked in past 2 years         77%         89%           Zero cigarettes per day         55%         67%           1-10 per day         40%         33%           11-20 per day         05%         <1%	Unintended Pregnancy and Did NOT Use Birth Control	70%	78%
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Does worksite have designated room/location (not counting bathroom stalls) for mothers to breastfeed or pump/express their breast milk  Yes 52% 60% No 30% 27% Don't Know 18% 13%  Does worksite have written policy about breastfeeding?  Yes 21% 23% No 28% 32% Don't Know 51% 45%  Cigarettes Smoked During Last 3 Months of Pregnancy  Not smoked in past 2 years 77% 89% 2ero cigarettes per day 55% 67% 1-10 per day 40% 33% 11-20 per day 40% 33% 11-20 per day 05% <1% More than 20 per day 01% <1%  Alcoholic Drinks During Last 3 Months of Pregnancy  Not had any alcoholic drinks in past 2 years 28% 18% 2ero drinks per week 98% 96% 1 drink per week 01% 01% 2 drinks per week <10% 03%	•	73%	74%
stalls) for mothers to breastfeed or pump/express their breast milk         Yes       52%       60%         No       30%       27%         Don't Know       18%       13%         Does worksite have written policy about breastfeeding?         Yes       21%       23%         No       28%       32%         Don't Know       51%       45%         Cigarettes Smoked During Last 3 Months of Pregnancy         Not smoked in past 2 years       77%       89%         Zero cigarettes per day       55%       67%         1-10 per day       40%       33%         11-20 per day       05%       <1%	No	27%	26%
No         30%         27%           Don't Know         18%         13%           Does worksite have written policy about breastfeeding?           Yes         21%         23%           No         28%         32%           Don't Know         51%         45%           Cigarettes Smoked During Last 3 Months of Pregnancy           Not smoked in past 2 years         77%         89%           Zero cigarettes per day         55%         67%           1-10 per day         40%         33%           11-20 per day         05%         <1%           More than 20 per day         05%         <1%           Alcoholic Drinks During Last 3 Months of Pregnancy         28%         18%           Not had any alcoholic drinks in past 2 years         28%         18%           Zero drinks per week         98%         96%           1 drink per week         01%         01%           2 drinks per week         01%         01%           2 drinks per week         <1%         03%	stalls) for mothers to breastfeed or pump/express their breast milk	500/	500/
Don't Know         18%         13%           Does worksite have written policy about breastfeeding?           Yes         21%         23%           No         28%         32%           Don't Know         51%         45%           Cigarettes Smoked During Last 3 Months of Pregnancy           Not smoked in past 2 years         77%         89%           Zero cigarettes per day         55%         67%           1-10 per day         40%         33%           11-20 per day         05%         <1%			
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No       28%       32%         Don't Know       51%       45%         Cigarettes Smoked During Last 3 Months of Pregnancy         Not smoked in past 2 years       77%       89%         Zero cigarettes per day       55%       67%         1-10 per day       40%       33%         11-20 per day       05%       <1%	Does worksite have written policy about breastfeeding?		
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Cigarettes Smoked During Last 3 Months of Pregnancy  Not smoked in past 2 years  Zero cigarettes per day  1-10 per day  11-20 per day  More than 20 per day  Alcoholic Drinks During Last 3 Months of Pregnancy  Not had any alcoholic drinks in past 2 years  Zero drinks per week  1 drink per week  2 drinks per week  3 drinks per week  4 on%  389%  77%  89%  67%  67%  67%  67%  67%  67%  67%  6			
Not smoked in past 2 years       77%       89%         Zero cigarettes per day       55%       67%         1-10 per day       40%       33%         11-20 per day       05%       <1%	Don't Know	51%	45%
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11-20 per day 05% <1% More than 20 per day 01% <1%  Alcoholic Drinks During Last 3 Months of Pregnancy  Not had any alcoholic drinks in past 2 years 28% 18% Zero drinks per week 98% 96% 1 drink per week 01% 01% 2 drinks per week <1% 03%	Zero cigarettes per day	55%	67%
More than 20 per day  Alcoholic Drinks During Last 3 Months of Pregnancy  Not had any alcoholic drinks in past 2 years  Zero drinks per week  1 drink per week  2 drinks per week  3 drinks per week  4 drinks per week  3 drinks per week  4 drinks per week	1-10 per day	40%	33%
Alcoholic Drinks During Last 3 Months of Pregnancy  Not had any alcoholic drinks in past 2 years  Zero drinks per week  1 drink per week  2 drinks per week  3 drinks per week  4 drinks per week  3 drinks per week  4 drinks per week	11-20 per day	05%	<1%
Not had any alcoholic drinks in past 2 years  Zero drinks per week  1 drink per week  28%  98%  96%  1 drink per week  01%  01%  2 drinks per week  <1%  03%	More than 20 per day	01%	<1%
Not had any alcoholic drinks in past 2 years  Zero drinks per week  1 drink per week  28%  98%  96%  1 drink per week  01%  01%  2 drinks per week  <1%  03%	Alcoholic Drinks During Last 3 Months of Pregnancy		
Zero drinks per week       98%       96%         1 drink per week       01%       01%         2 drinks per week       <1%	· · · · · · · · · · · · · · · · · · ·	28%	18%
2 drinks per week <1% 03%	, ,	98%	96%
·	1 drink per week	01%	01%
3 or more drinks per week <1% <1%	2 drinks per week	<1%	03%
	3 or more drinks per week	<1%	<1%

Prenatal Care	State	County
Mother received prenatal care as early in the pregnancy as wanted		
Yes	94%	98%
No	06%	02%
No prenatal care	01%	<1%
Where mother went for most of prenatal care		
Private doctor's office or clinic	78%	82%
Midwife's office or home office from a midwife	07%	04%
Public clinic	15%	13%
Other	<1%	01%
HIV/AIDS Testing During Pregnancy		
Yes	48%	58%
No	26%	18%
No, Testing was offered, but did not want to be tested	03%	<1%
Don't know	24%	24%
Received Flu Shot During Pregnancy		
Yes	64%	68%
No, Received flu shot before became pregnant	07%	11%
No, Did not want flu shot during pregnancy	13%	13%
No, Doctor said to wait until after pregnancy	01%	<1%
No, Do not ever get flu shots	14%	06%
No, Flu shot was not available	02%	01%
Hospital Services	State	County
Hospital Staff Encouraged Breastfeeding During First 24 Hours After Birth		
of the Baby	0.07	010/
Yes	86%	91%
No Don't remember	12% 02%	06% 03%
Don't remember	02%	05%
During Pregnancy or Time at the Hospital, a Doctor, Nurse, or Other		
Healthcare Professional Provided Information or Scheduled a Time to Discuss:		
Breastfeeding or breastfeeding techniques	83%	86%
Action steps to decrease frustration when infant cries	43%	39%
How to lay the baby down to sleep	56%	55%
Dangers of shaking an infant	41%	39%
Did not receive any information and have not scheduled a time to discuss	07%	08%

Technical Note: Because percentages were rounded, the sum of values may not equal 100%.

For more information: Call the University of Northern Iowa Center for Social & Behavioral Research: (319) 273-2105. Data source: Iowa Barriers to Prenatal Care Project, Iowa Department of Public Health, University of Northern Iowa Center for Behavioral Research: 2016 Data.