

## Supplementary Appendix

This appendix has been provided by the authors to give readers additional information about their work.

Supplement to: Chu SY, Bachman DJ, Callaghan WM, et al. Association between obesity during pregnancy and increased use of health care. *N Engl J Med* 2008;358:1444-53.

**Table 1. Characteristics of included and excluded pregnancy episodes**

<b>Characteristic</b>	<b>Included (N=13,442) n (%)</b>	<b>Excluded (N=6,096) n (%)</b>	<b>p-value</b>
<b>Age</b>			
18-24 yrs	3811 (28.4)	2386 (39.1)	p<0.001
25-29 yrs	4242 (31.6)	1786 (29.3)	
30-34 yrs	3684 (27.4)	1292 (21.2)	
35-39 yrs	1429 (10.6)	518 (8.5)	
40+ yrs	276 (2.1)	114 (1.9)	
<b>Race/Ethnicity</b>			
White	10108 (75.2)	4318 (70.8)	p<0.001
Black	506 (3.8)	245 (4.0)	
Hispanic	1255 (9.3)	727 (11.9)	
Asian	1317 (9.8)	554 (9.1)	
Other	177 (1.3)	80 (1.3)	
Data Missing	79 (0.6)	172 (2.8)	
<b>Marital Status</b>			
Married/Separated	10734 (79.9)	4190 (68.7)	p<0.001
Single/Divorced/ Widowed	2360 (17.6)	1386 (22.7)	
Unknown	348 (2.6)	520 (8.5)	
<b>Education</b>			
<12 yrs	902 (6.7)	699 (11.5)	p<0.001
12 yrs	3790 (28.2)	1925 (31.6)	
>12 yrs	8033 (59.8)	2748 (45.1)	
Unknown	717 (5.3)	724 (11.9)	

<b>Characteristic</b>	<b>Included (n=13,442) n (%)</b>	<b>Excluded (n=6,096) n (%)</b>	<b>p-value</b>
<b>Medicaid or Washington Basic Health Plan</b>	951 (7.1)	971 (15.9)	p<0.001
<b>Parity</b>			
0	5546 (41.3)	2326 (38.2)	p<0.001
1	4628 (34.4)	1958 (32.1)	
2	2036 (15.2)	970 (15.9)	
≥3	1165 (8.7)	715 (11.7)	
Data Missing	67 (0.5)	127 (2.1)	
<b>Cesarean Delivery</b>	3586 (26.7)	1413 (23.2)	p<0.001
<b>Pregnancy outcome</b>			
Live infant	13355 (99.3)	6045 (99.2)	NS
Stillborn	87 (0.7)	51 (0.8)	
<b>Gestational age &lt;37 wks at delivery</b>	1193 (8.9)	546 (9.0)	NS
<b>Diabetes mellitus excluding pregnancy, childbirth, puerperium<sup>a</sup></b>	284 (2.1)	92 (1.5)	p<0.01
<b>Gestational diabetes mellitus<sup>b</sup></b>	703 (5.2)	260 (4.3)	p<0.01
<b>Hypertensive Disorders during pregnancy<sup>c</sup></b>	1871 (13.9)	721 (11.8)	p<0.001

<b>Characteristic</b>	<b>Included (n=13,442) n (%)</b>	<b>Excluded (n=6,096) n (%)</b>	<b>p-value</b>
<b>Presence of a high-risk condition</b>	2635 (19.6)	1006 (16.5)	p<0.001
<b>Tobacco use during pregnancy<sup>d</sup></b>			
Yes	2129 (15.8)	1184 (19.4)	p<0.001
No	11204 (83.4)	4720 (77.4)	
Unknown	109 (0.8)	192 (3.2)	
<b>Alcohol or drug abuse/dependence<sup>e</sup></b>	265 (2.0)	183 (3.0)	p<0.001
<b>Depression during pregnancy<sup>f</sup></b>	1146 (8.5)	332 (5.5)	p<0.001
<b>Prepregnancy weight<sup>g</sup></b>			
<100 lbs	166 (1.2)	8 (1.3)	NS
100-150 lbs	6471 (48.1)	277 (45.4)	
150-200 lbs	4704 (35.0)	232 (38.0)	
200-250 lbs	1558 (11.6)	71 (11.6)	
≥ 250 lbs	543 (4.0)	22 (3.6)	

a ICD-9-CM codes 250.0-250.9; 648.0; or indicated on the birth certificate

b ICD-9-CM code 648.8; or indicated on the birth certificate

c ICD-9-CM codes 401-405; 642; 760.0; or indicated on the birth certificate (Oregon only)

d Tobacco use any time during the pregnancy reported on KPNW database or on the birth certificate

e Alcohol or drug use during pregnancy reported on KPNW database or on the birth certificate

f ICD-9-CM codes 296.2; 296.20-296.25; 296.3, 296.30-296.82; 300.4; 309.1; 309.28; 311; or 648.4 with an antidepressant medication dispensed within 30 days of the diagnosis

g Among excluded, those with weights but missing heights only