

#### The number of home births is on the rise



Most of these births are attended by midwives



| Who   | are | these  | midwi | ves? |
|-------|-----|--------|-------|------|
| ,,,,, |     | 111030 |       | 105. |

| Title | Certificate | Education | "Direct-entry"? | Practice             | Legal?                    |
|-------|-------------|-----------|-----------------|----------------------|---------------------------|
| CNM   | АМСВ        | MSN       | No              | Hospital<br>(mostly) | All 50<br>states          |
| СМ    | АМСВ        | MS        | Yes             | Hospital<br>(mostly) | NY, NJ,<br>RI             |
| СРМ   | NARM        | Varies    | Yes             | Homes,<br>centers    | 24<br>states              |
| "lay" | None        | Varies    | Yes             | Homes<br>(mostly)    | Unregulated<br>or illegal |













# Safety is the minimum requirement.



# Utah

- Lowest Cesarean rate in the nation
- Highest VBAC rate in the nation
- 8th in the nation for home births
- CPMs could license with 2005 Act
- All who are licensed MUST report

| MANA Statistics Project<br>Printable Data Form (W20) for<br>Birth Code 017-4 (DOB 1/21/08)<br>XXXXXX, XXXXXX (M0089-L) | Other previous pregnancy/delivery<br>occurrences.sther<br>Other-placenta previa<br>Mother's height. 5' 5' (105 cm) | Activity level during majority of<br>pregnancy: sedentary<br>Perineal massage or stretching:<br>No. | (if more than 1, a new tab will<br>appear for each multiple): 1<br>Date of birth: 1/31/2008<br>Time of birth: 6-72 am | Forms          |
|--|--|---|---|----------------|
| Booking Date 6/12/07, EDD  | Mother's prepregnancy weight   | No<br>Herbs or homeopathy during  | Plateaux, reversals, anterior lip, or   |                |
| 2/5/08. form started 7/11/07. last   | 200.4 lb (90.9 kp)   | pregnancy: No   | pushing before full dilation: No  |                |
| updated 3/21/08  | Method of conception: coltus   | Breech after 20 weeks gestation:  | Presentations of potential concern  | contain        |
| Sitart<br>Dractica   | Mother reports history of sexual<br>abuseless suit mother prefers not  | No  | during active first stage: none<br>Presentations of potential concern   | COINGIN        |
| Midwile :  | to answer  | Birth Data  | during second stage: none   |                |
| Your code for this birth : 017-4   | Current Pregnancy  | Woman stopped using this  | Baby's position at delivery:  | a a. 100       |
| Booking date: 6/12/2007  | Maternal problems:none   | midwife for primary care before   | anterior  | over 100       |
| Client consent given? Yes<br>Month Client Consent Form sent  | Reeding during 1st trimester:  | labor at term began: No<br>Home birth was not or could not  | Mother's mobility during active<br>first stape: mother changed  | 0,01,100       |
|  |  | have been initiated or was outside  |   |                |
|  | Electing during 2nd trimester:   | of your home birth protocol: No   |   | data points    |
| recorded by the Data Entry Team.<br>History  | none<br>Rieeding during 2rd trimester:   | Primary reason for choosing<br>intended place of birth (as stated                                   | stage: mother chose not to take<br>many positions   | CICICI DOILLIS |
| Client's municipality: Salt Lake   | seeding during and trimester.  | by mother's desire for natural  | Baby born under water, ves  |                |
|  | Fetal problems none  | birth   | Mother's final delivery position:s  |                |
| State or Province: UT<br>Population: Suburb  | Midwile perceives  | Secondary reasons for choosing  | quating   |                |
| Population: Suburb<br>Postal (Zip) Code: 84109   | emotional/accial problems.No<br>Repeated Care:   | intended place of birth (as stated<br>by mother): effect on baby                                    | Number of vaginal exams during<br>first stape: 3  |                |
| Mother's Info  | week (from LMP) any prenatal   | Planned site of birth in last   | Number of vacinal exams during  |                |
| Age at booking: 20   | care began: 6  | trimester: home   | second stage: 0   |                |
| Last grade of high school  | week (from LMP) midwife prenatal   | Regan labor intending to deliver:   | Auscultation in active first stage:   | 6 VBACs we     |
| completed (9, 10, 11, or 12; 8 for<br>no HSI: 12   | care began: 6<br>Number of prenatal visits:  | Decision to transport at first  | less often  | 6 VDALS WE     |
|  | with a midwife: 11   |   |   | 0 10/100 110   |
| education (years): 4   | estimated with general/family  | Place of birth: home  | Use of water or low-intervention  |                |
| Occupation: teacher  | practice physician: 3  | Gestation (midwife's best estimate  | pain relief: Yes  | identified 8   |
| Race/Ethnic origin<br>(check any that apply). Caucasian  | estimated with obstatrician: 0   | before birth): 39 weeks 1 days<br>Mother certain about dates: yes                                   | Uses of water in early labor:<br>shower   | idenilled o    |
|  | naturopath/herbalisthomecoath: 0   | Weight gain during pregnancy:   | Uses of water in active first   |                |
|  |  | 22.01b (10.0 kg)  |   |                |
| married couple<br>Partner's Info   | estimated with other caregivers: 0   | Labor<br>Induction and augmentation of  | Uses of water in second<br>stage teth/pool  | matched        |
| Partner's age:   |  | induction and augmentation of<br>labor. Yes   | Other uses of water:  | maichea        |
| Partner's last grade of high school  | Total number of ultrasounds in   | Induction none  | Massage:  |                |
| (9, 10, 11, or 12; 8 for no HS): 12  | each trimester:  | Augmentation:castor oil,  | Other pain relief:  |                |
| Partner's post-secondary formal<br>education (years);  | 1st.0 2nd:2 3rd:1<br>Number in each trimester midwife  | putratilla<br>From last induction to active labor:  | Nourishment, IV, medication,<br>herbs, homeopathy during  |                |
|  | felt unrecessary but requested by  | 0 days, 9 hours, 0 minutes  | Interba, nomeopathy during  |                |
| Family socialeconomic level:   | client   | Length of early labor: 1 days, 0  | Nourishment, 1st staps: solid food  |                |
| (midwife's evaluation): middle   | 1st: 2nd: 3nd:   | hours, 0 minutes  | Nourishment, 2nd stage: only  |                |
| Previous pregnancy and delivery  | Number in each trimester midwife   | Length of active 1st stage: 0 days,   | fluids or jello   |                |
| history: Yes<br>Number of previous pregnancies:  | felt unnecessary but requested by<br>physician:  | 2 hours, 59 minutes<br>Length of 2nd stage (full dilation):   | IV initiated during 1st stage: No<br>IV initiated during 2nd stage: No  |                |
|  |  |   |   | Outcomes       |
| Number of previous miscarriages:   | Other prenatal tests: routine  | Length of 3rd stage: 0 days, 0  | Medications during 2nd stage: No  | CORCOTICS      |
| 1<br>Number of previous induced  | blood work<br>Prenatal classes: both   | hours, 37 minutes<br>Approximate total time the woman   | Herbs/Homeopathy during 1st   |                |
| whentioner of previous induced   | Payment (primary): dient paid  | in labor had a midwife present  | stage: No<br>Herbs/Homecosthy during 2nd  |                |
| Number of resolous stillbirths: 0  | Payment (secondary) -  | before birth:   | stage: No   | were           |
| Number of previous live births:  | Tobacco, alcohol or recreational   |   |   | WOIC           |
| Number of previous home births:  | drugic No<br>Drugs prescribed: other   | Approximate total time the woman<br>in labor had a midwife present                                  | second stage: verbal guidance<br>Perineal, labial, cervical or vaginal  |                |
| 4  | prescription drugs Other zoloft;   | in labor had a midwite present  | Perineal, lablat, cervical or vaginal<br>Insumer. Yes   | reviewed       |
| Number of previous birth center  | synthroid  | 0 days, 2 hours, 30 minutes   | Episiotomy: none  | revieweu       |
| birtha: 0<br>Number of previous cesarean   | Mother's overall nutrition   | Rupture of Membranes:<br>Hind Leak which tested positive:   | Perineal tear and degree: 1st   |                |
| Number of previous cessrean<br>sections: 1   | (midwife's assessment): fair<br>Diet during pregnancy (primary):   | Hind Leak which tested positive:<br>No.   | degree<br>Labial tear: none   |                |
| Number of previous VBACs: 1  | "meat and potaloes"  | Approximate time between  | Repair of episiotomy or tear: No  |                |
|  | Diet during pregnancy  | rupture and birth: 1 days. 3 hours.   | Other trauma requiring repair: No   |                |
|  | (secondary): junk food   | 2 minutes<br>Number of hubber   | Complications   |                |
| Number of previous postpartum<br>hemorrhages: 0  | Mother restricted calories to limit<br>weight gain: No   | NUMBER OF D3D485  | Hospital or birth center<br>procedures: No  |                |

#### Results

There were no poor outcomes reported for any of the 32 women in this study.

- No infant or maternal deaths
- No uterine ruptures
- No low birthweight infants
- No prolonged hospitalization

### Results

- Two (28.6%) women planning their first VBAC were "risked out" prior to labor
- Two more were transferred in labor for medical reasons
- Women attempting a first VBAC were significantly more likely to have a medical transfer of care than women who have already had one successful VBAC

### Results

• Rates of medical transfers were similar between women with a history of successful VBAC and women who have no history of a cesarean.



## Recommendations

- Improve data collection and storage
- Continue to collect outcomes beyond mandated 5-year reporting period
- Move forward with licensing CPMs in other states
- Follow Utah's lead for data collection and reporting

Thank you to VBAC mothers Heidi, Darby, Pam, Annabelle and Francine for allowing me to use their photographs.