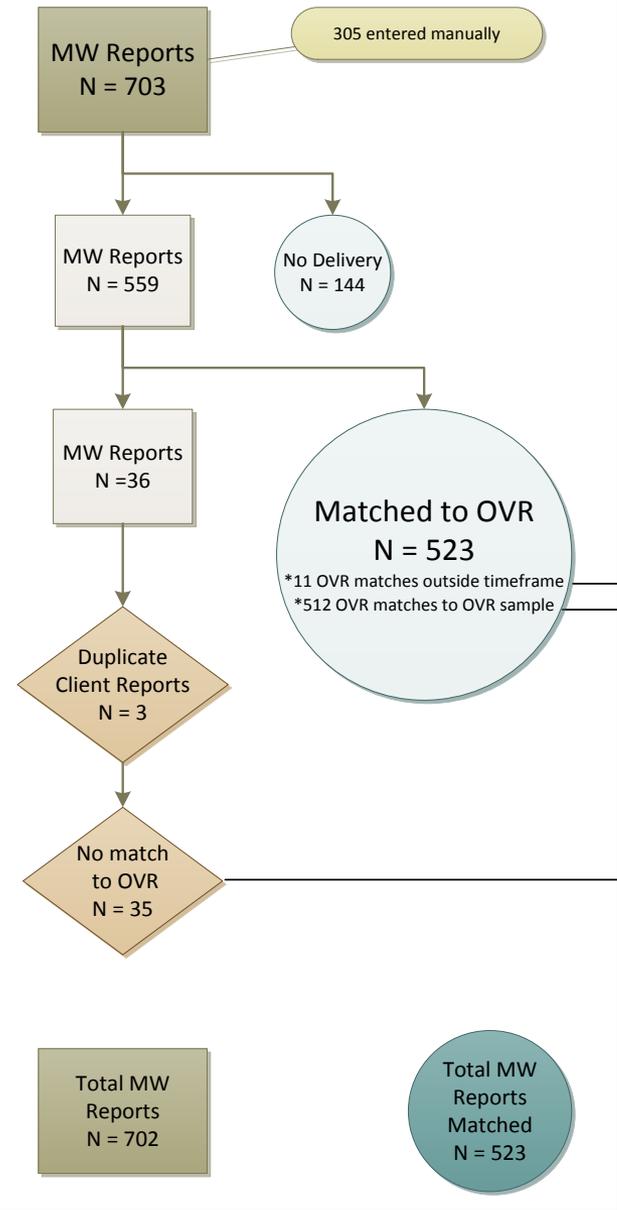
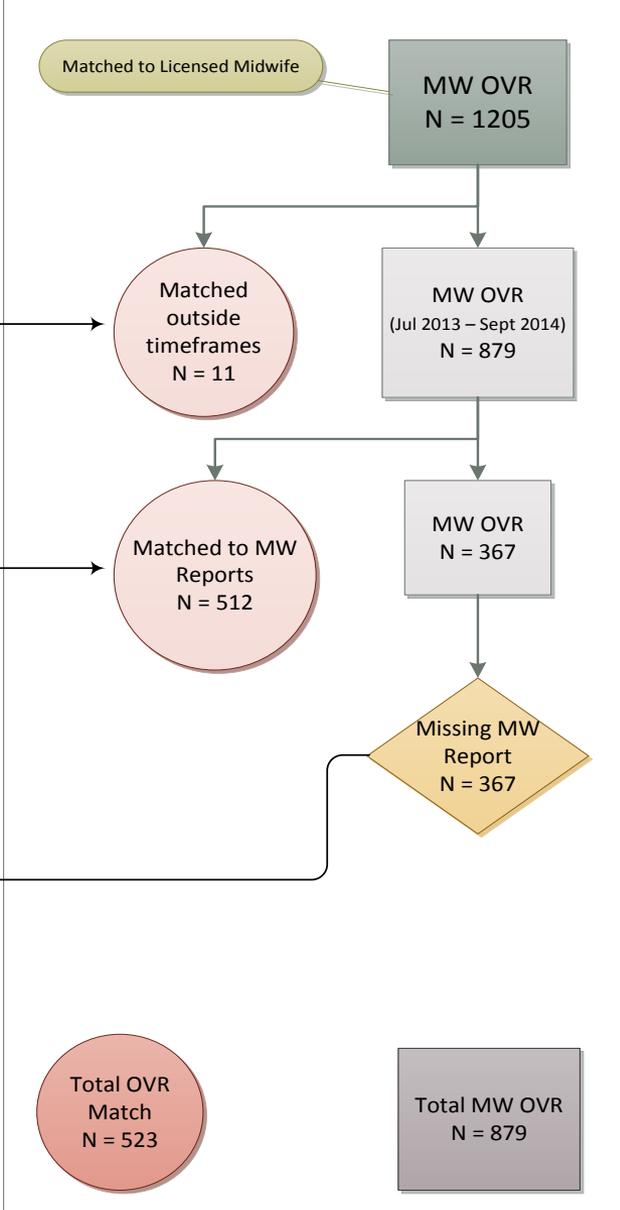




**Midwife Submitted Reports**  
June 2013-September 2014



**Office of Vital Records (OVR Births)**  
January 2013-September 2014



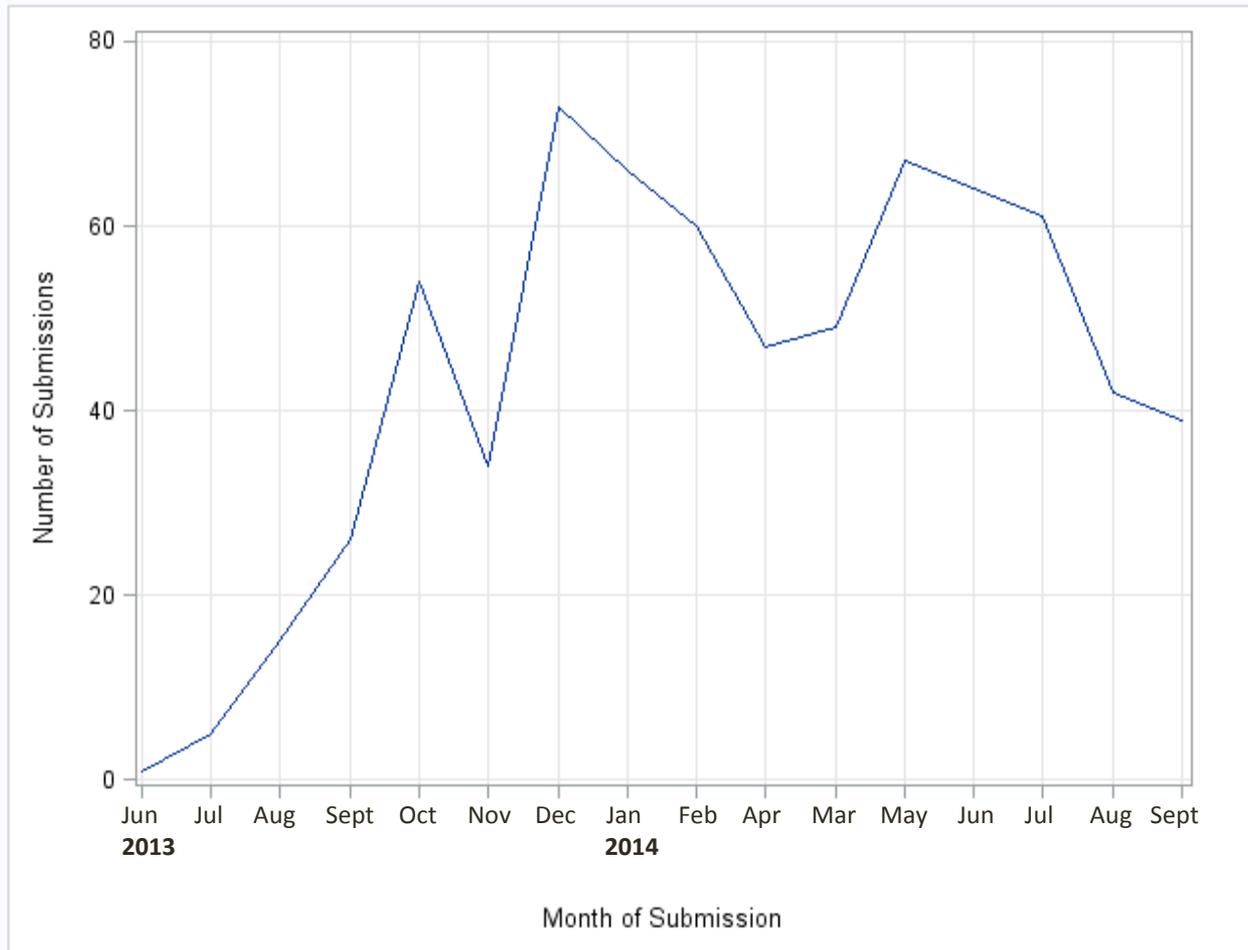
# Midwife Data



- Midwife (MW) Reports Submitted
  - July 2013 – September 2014 Total : 703 Reports
    - ✓ Previous survey versions: 305 Reports
    - ✓ New survey tool beginning February 2014 : 398 Reports
    - ✓ 144 reports without matching birth report, indicating no delivery by midwife
    - ✓ 523 of these match certified birth record
    - ✓ 35 reports indicating delivery were unable to be matched to certified birth
    - ✓ 3 duplicated reports for the same birth event
- Office of Vital Records (OVR) Data
  - July 2013 – September 2014 Total : 879 MW attended certified births
    - ✓ 512 of these matched a MW report (July 2013 – Sept 2014)
    - ✓ 367 birth records without matching MW report (July 2013 – Sept 2014)
- Significant difficulty matching to certified birth reports due to reporting/identification errors

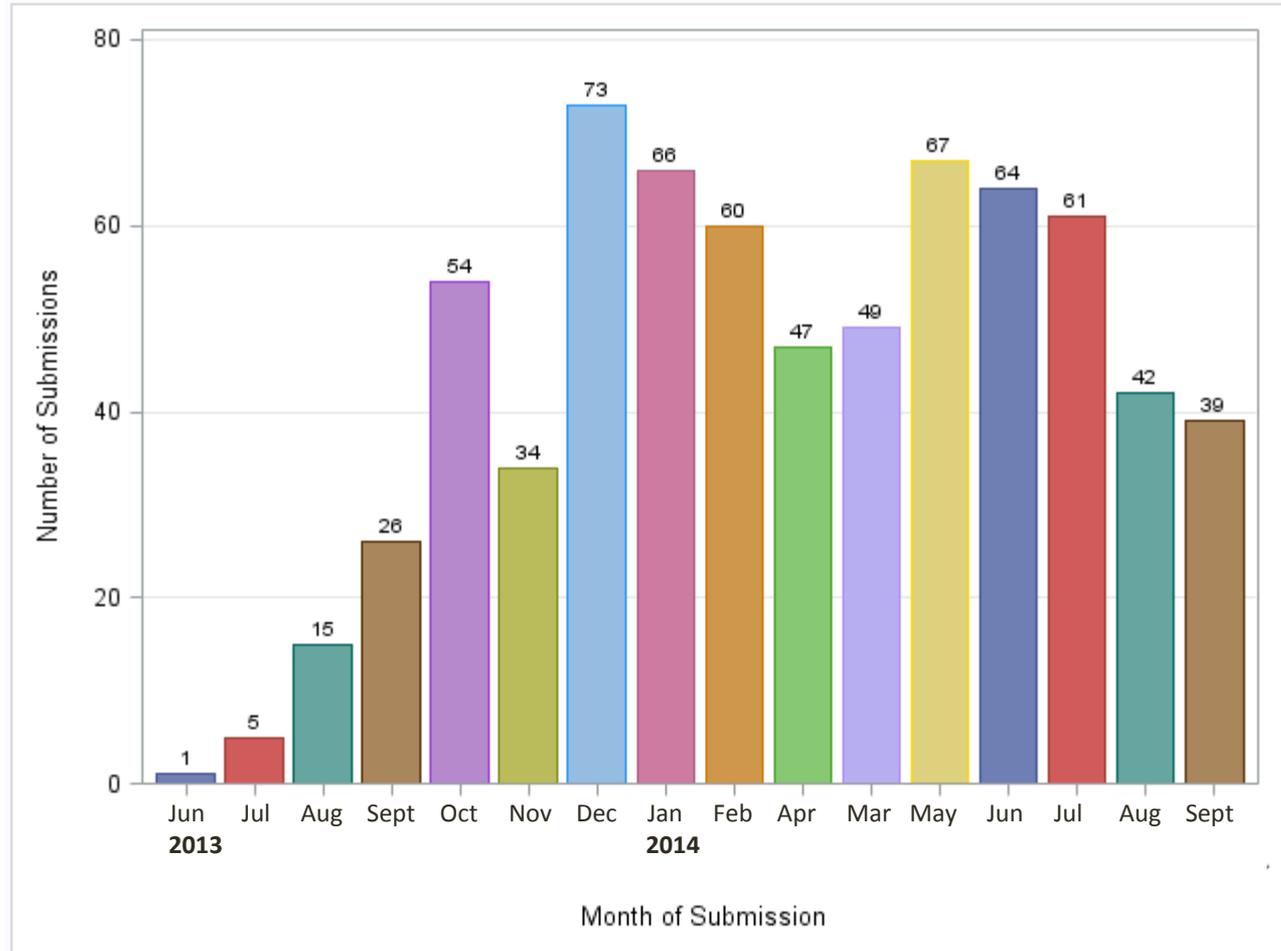
# Midwife Reports Submitted

Submitted Reports Linear

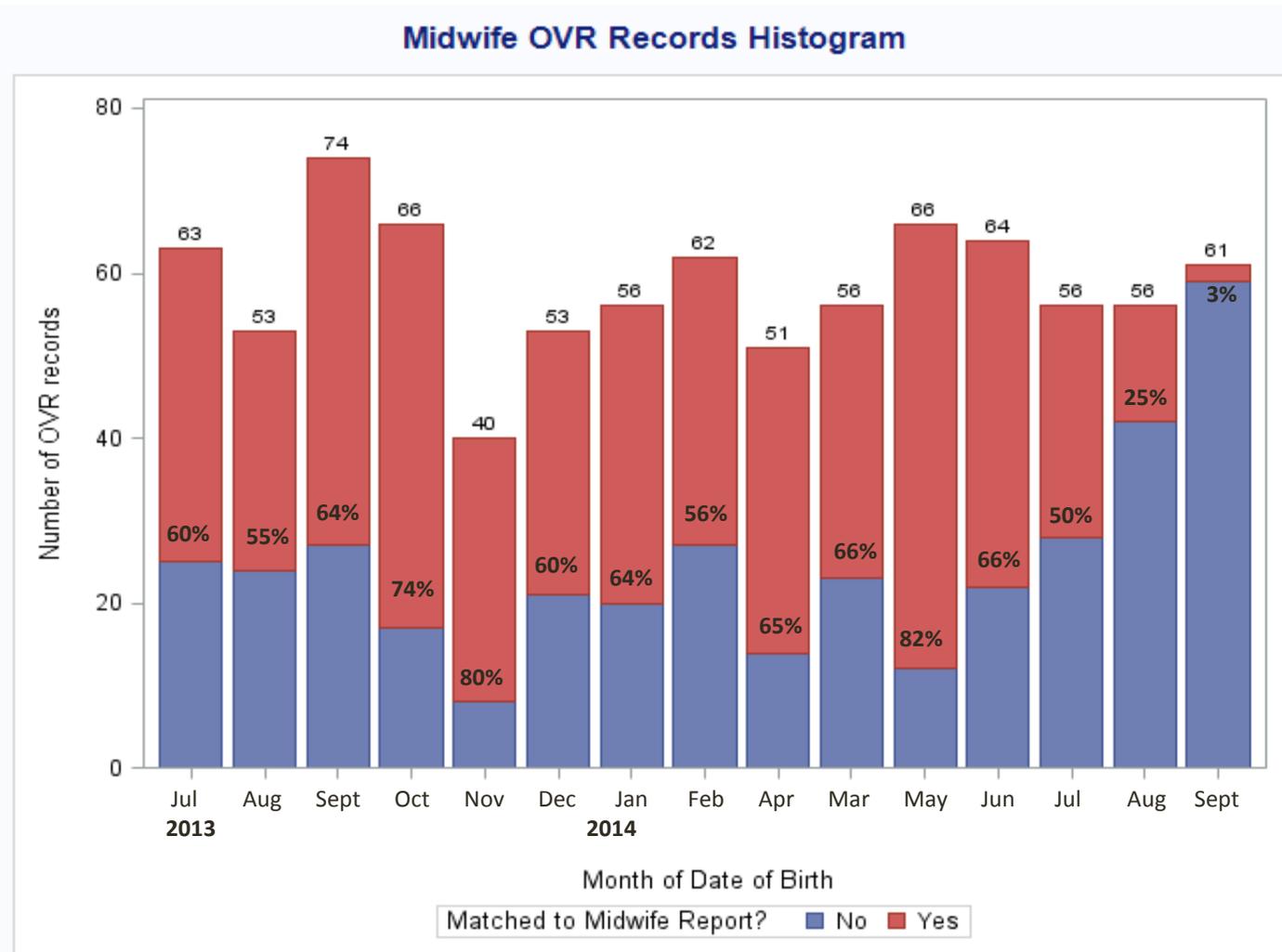


# Midwife Reports Submitted

Submitted Reports Histogram

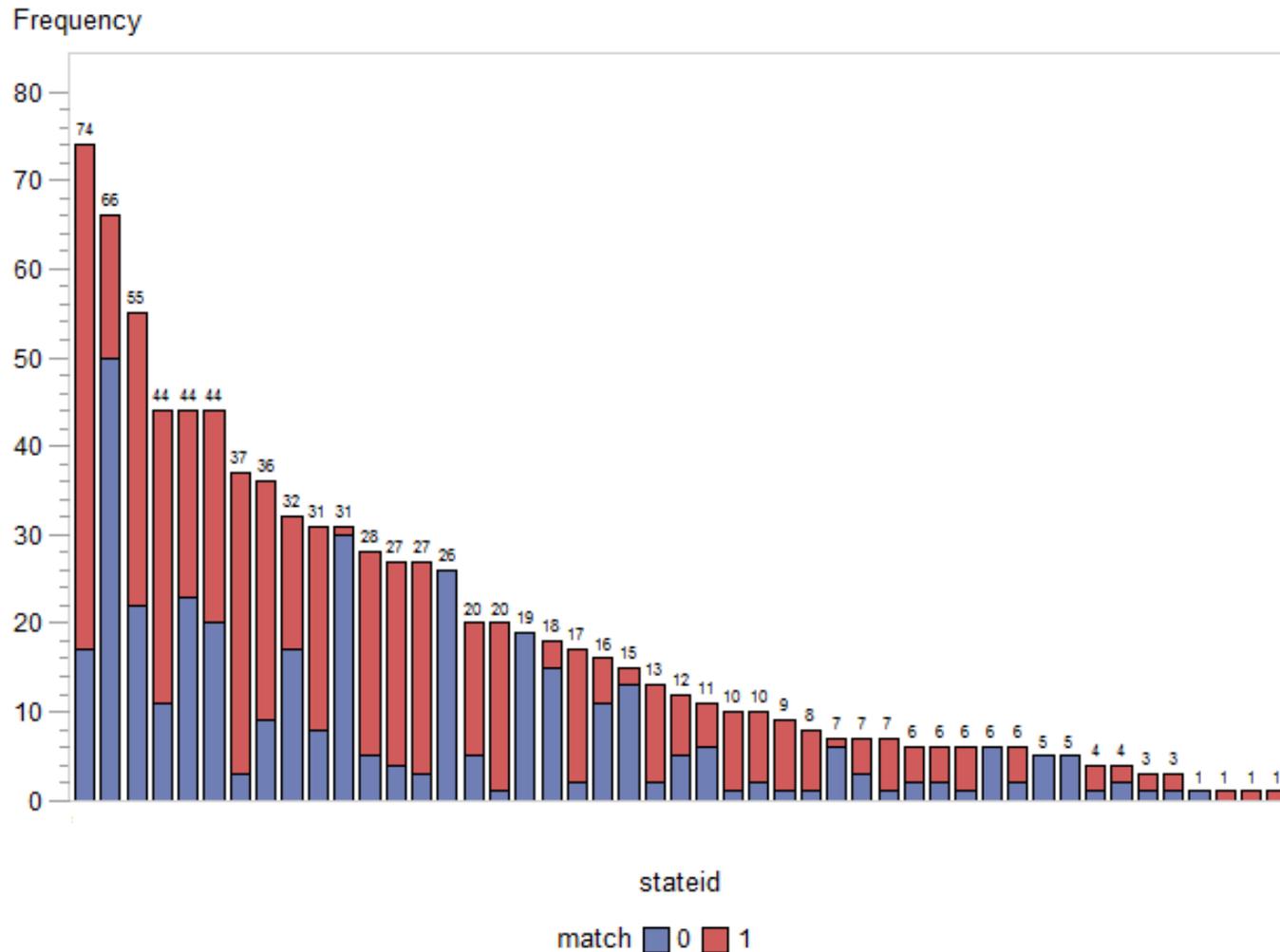


# Midwife-associated Vital Records Births

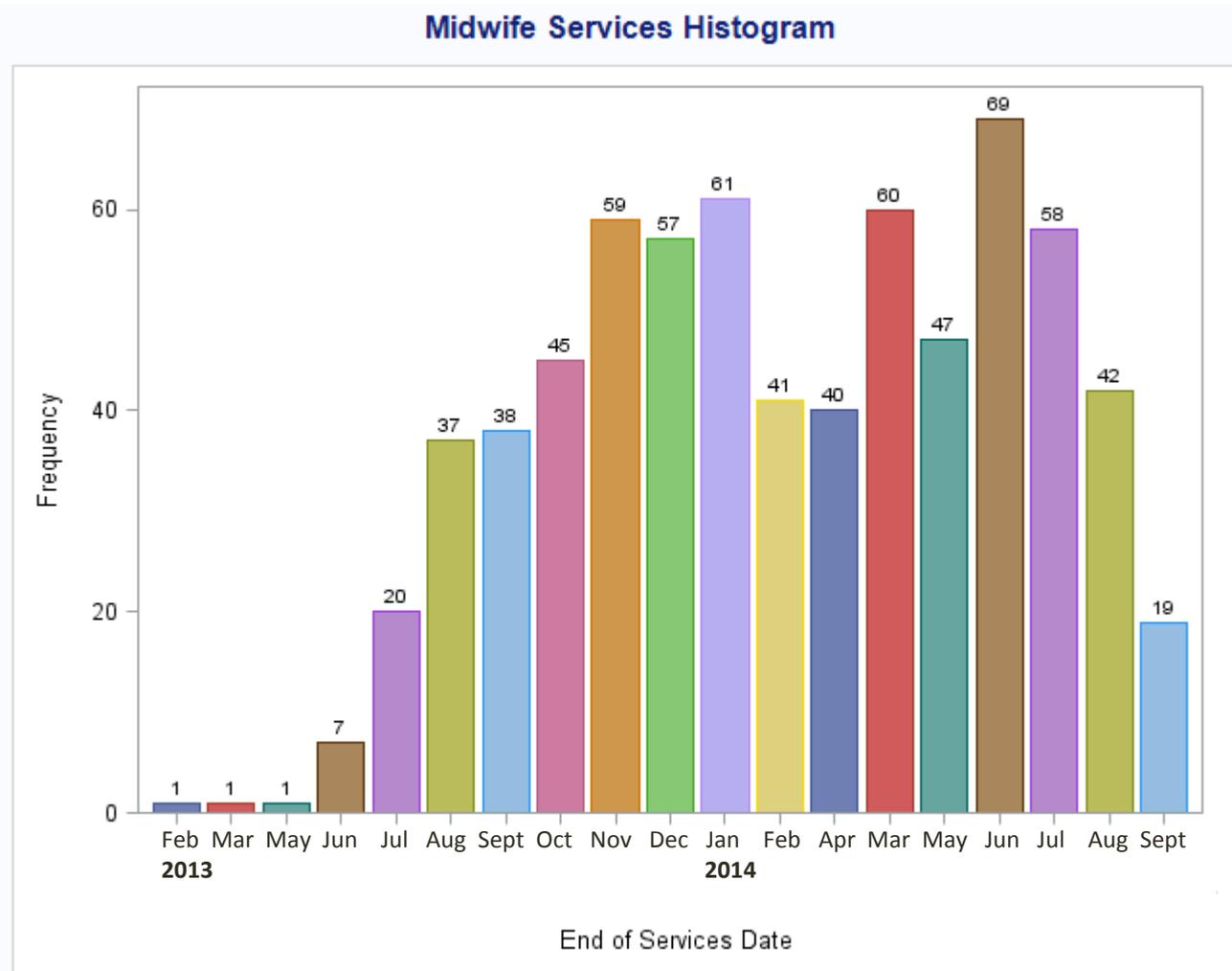


# Midwife-associated Vital Records Births

Midwife OVR Breakdown Histogram



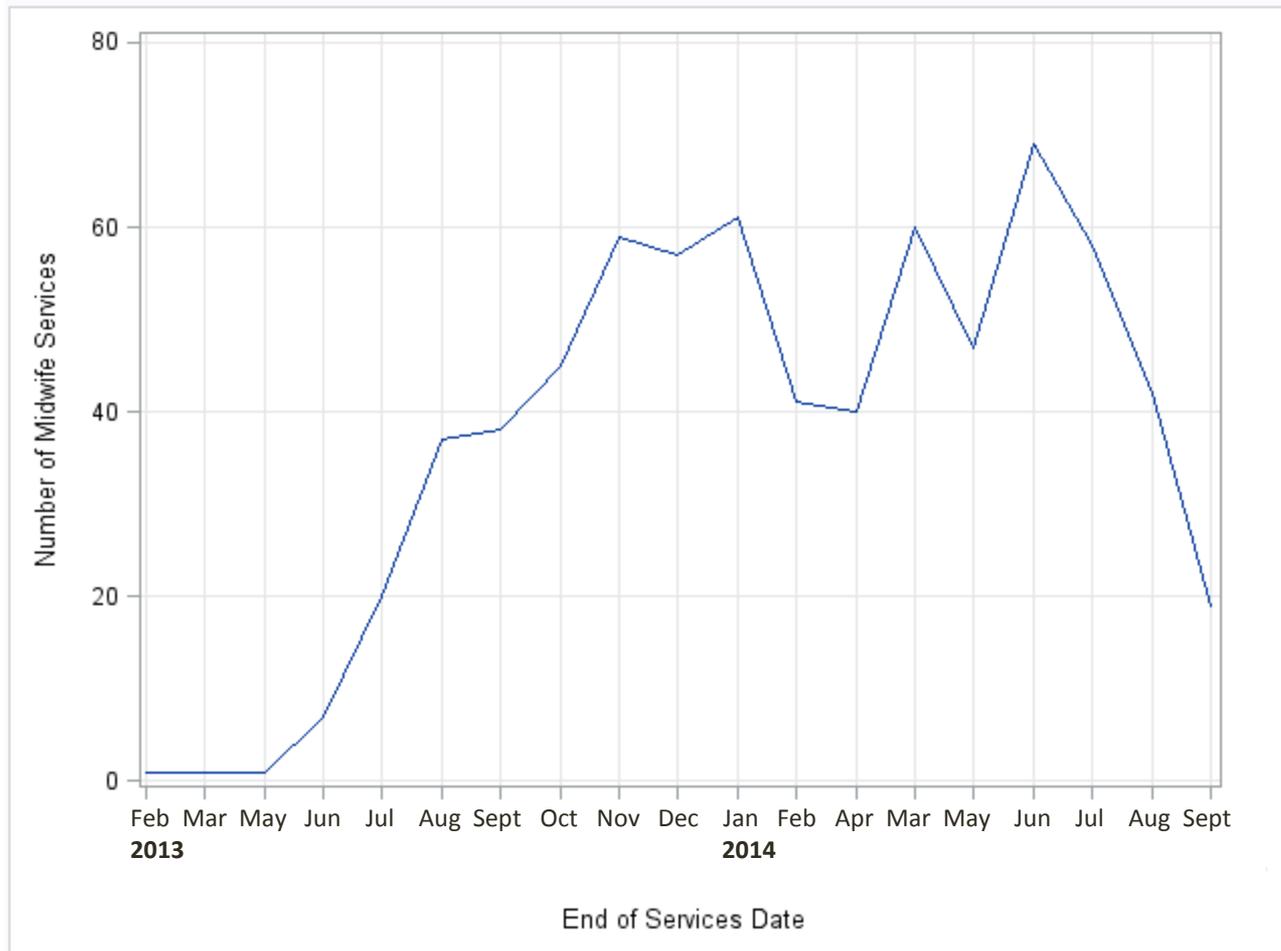
# Midwife End of Services Trend



# Midwife End of Services Trend



Midwife Services Linear



# Reporting Errors

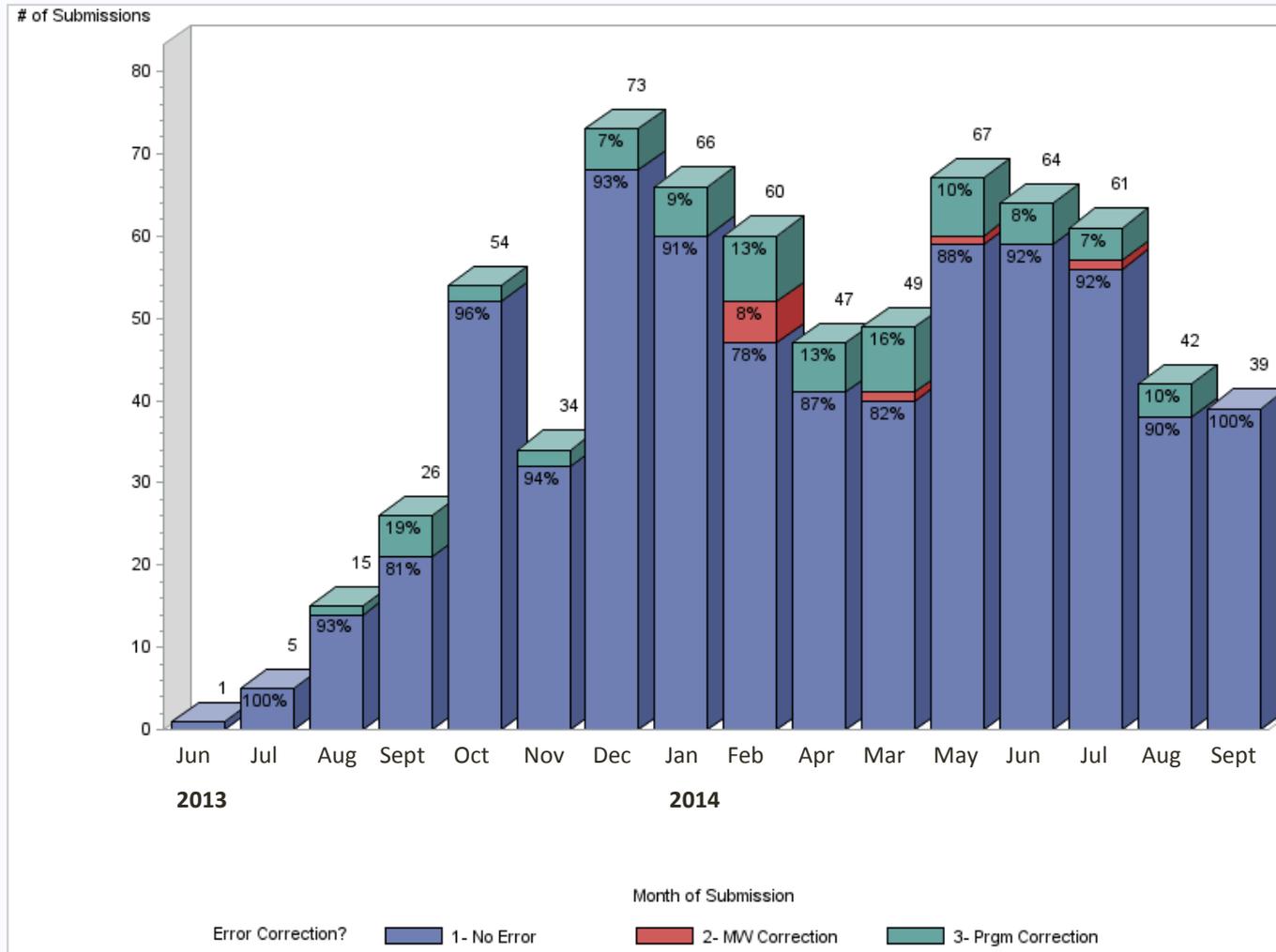
Data found in a midwifery report that was incorrectly inputted or entered erroneously.

- Midwife Identification
  - Name or License Number
- Dates
  - *Mother's Date of Birth*
  - LMP
  - *End of Services*
  - *Client Date of Birth*
- Open fields and misplaced information
  - Discussed later 



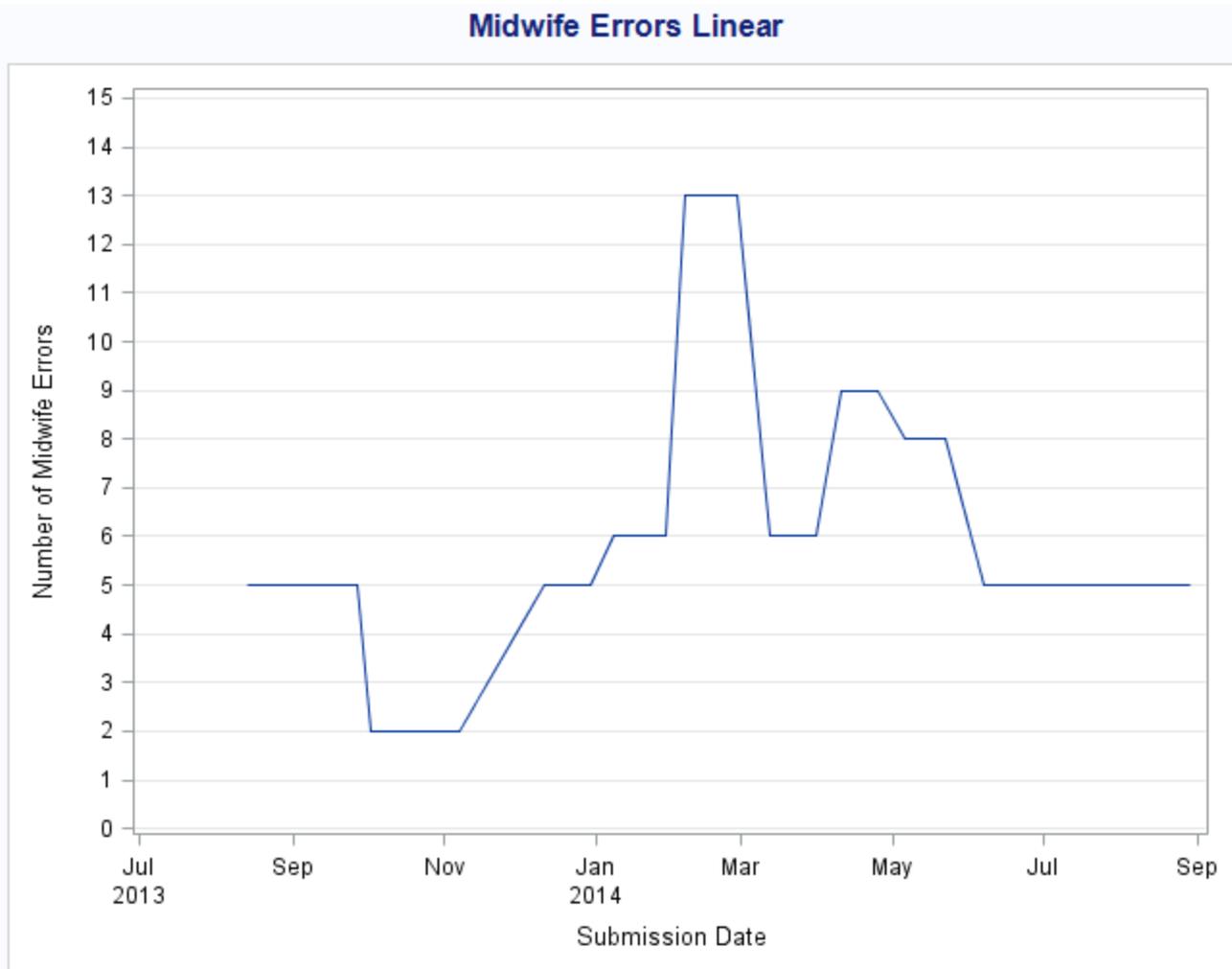
# Reporting Errors

Midwife Reports Histogram - Identified Errors Breakdown (%)



N= 702 Reports

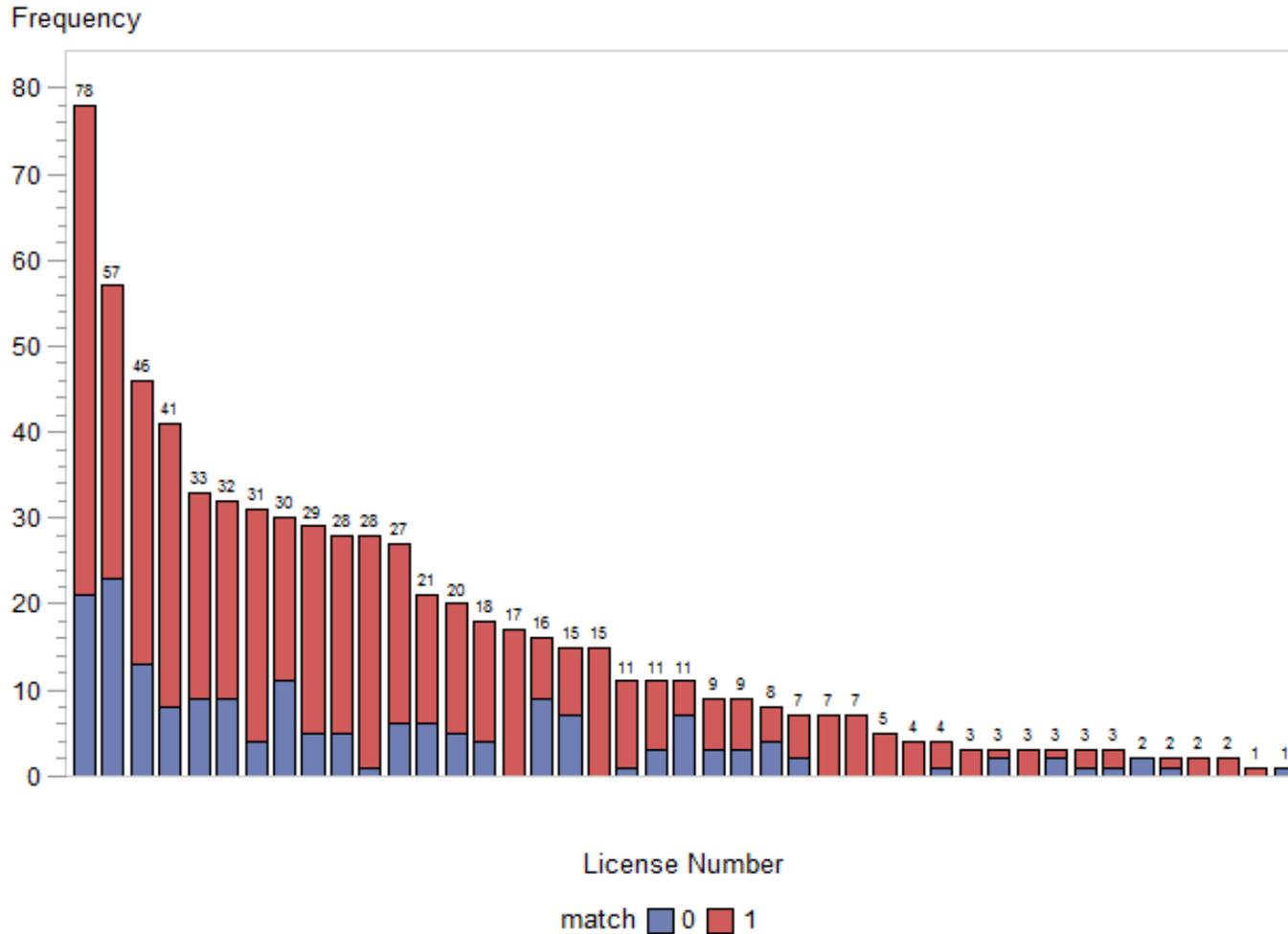
# Reporting Errors





# Reporting by Midwife

Midwife Reports Breakdown Histogram

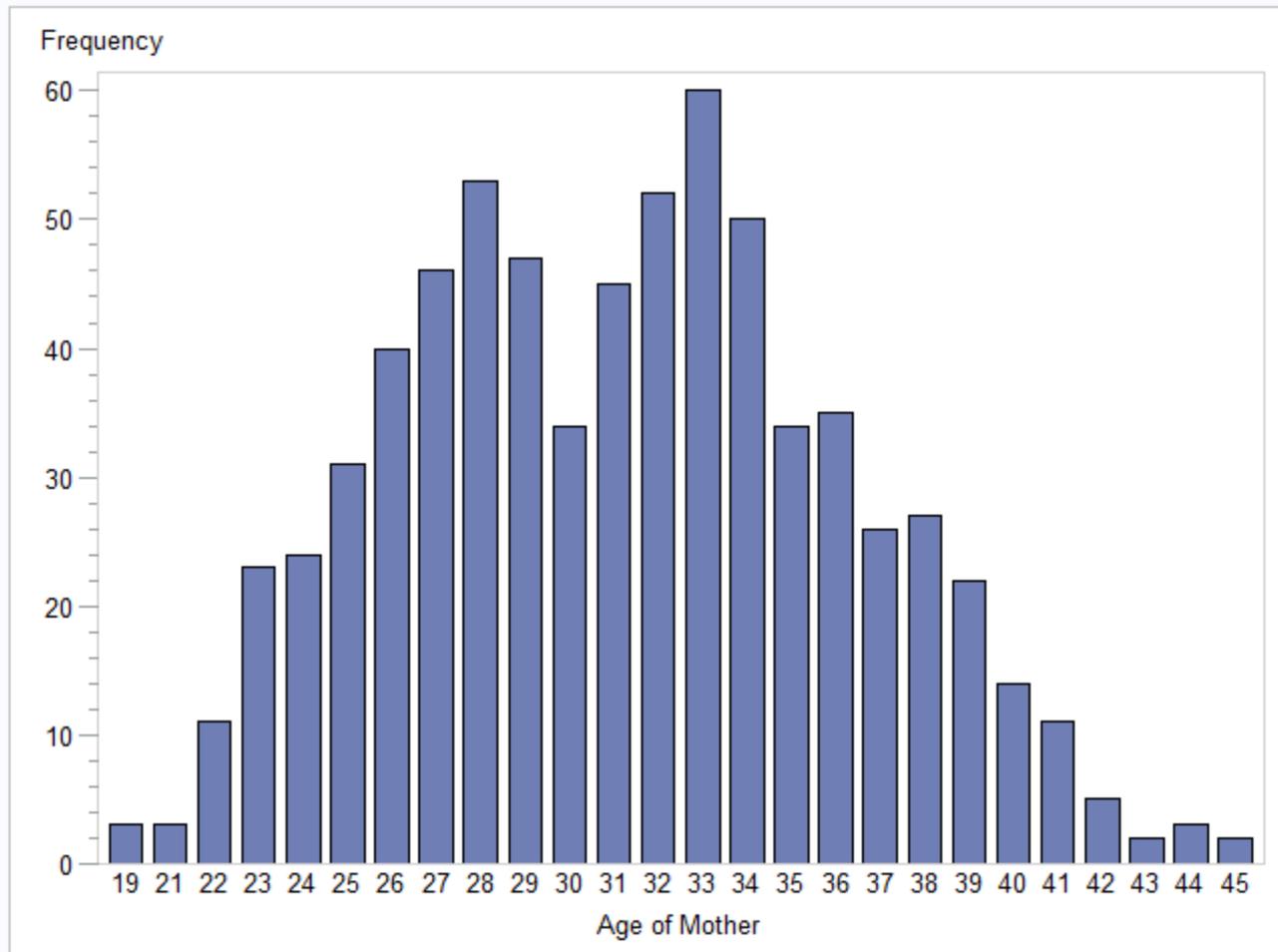


# Client Information



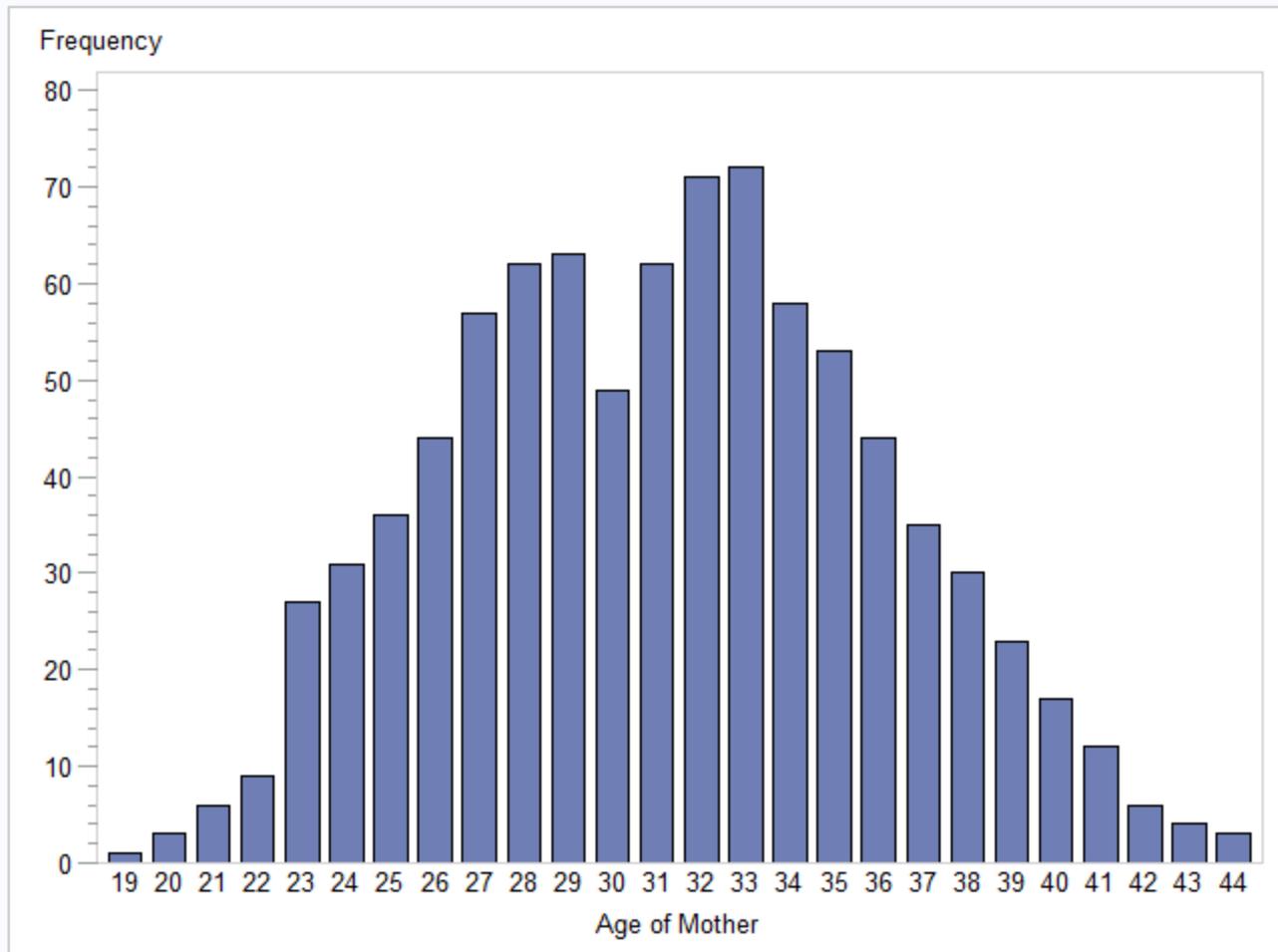
# Mother's Age

Client Age Histogram

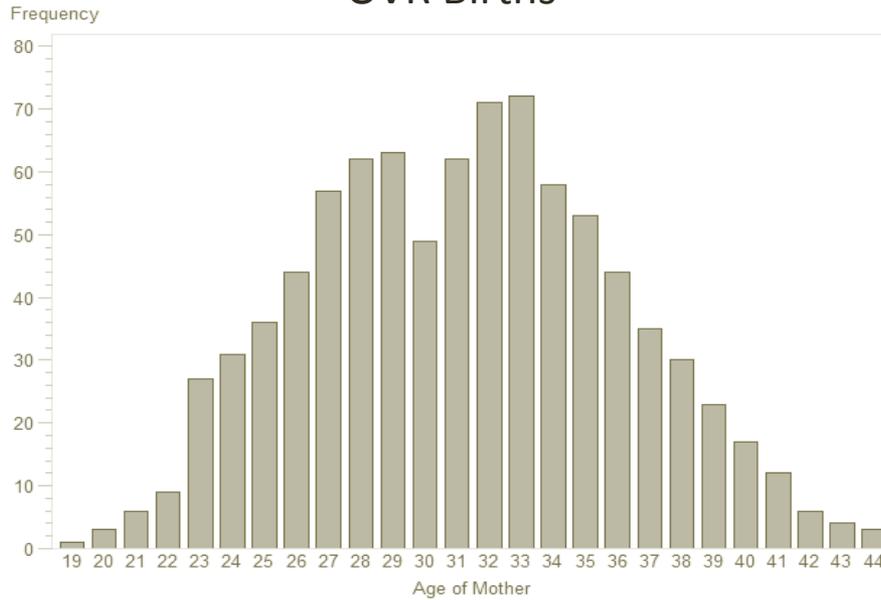


# Mother's Age (OVR Data)

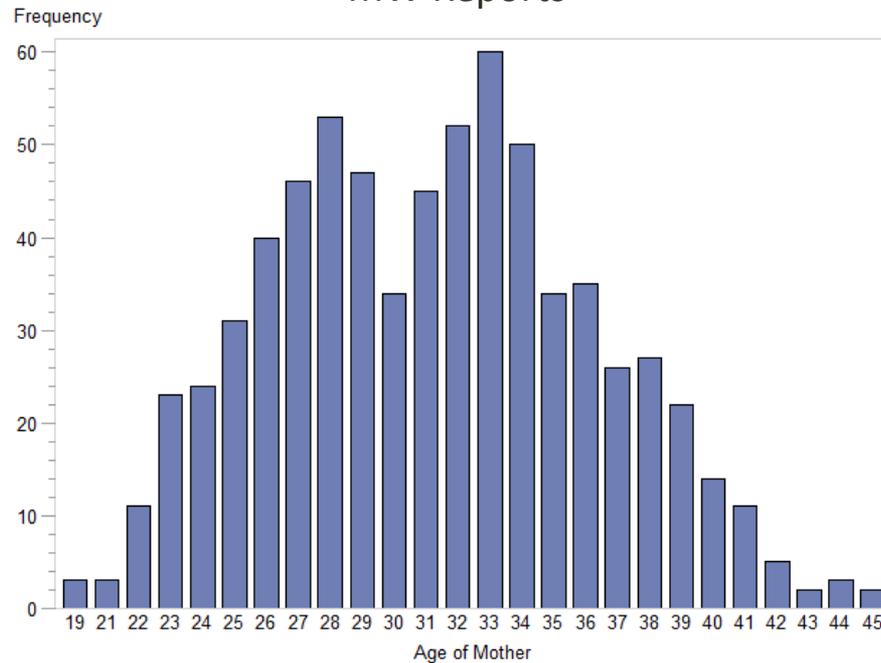
Client Age Histogram



## OVR Births

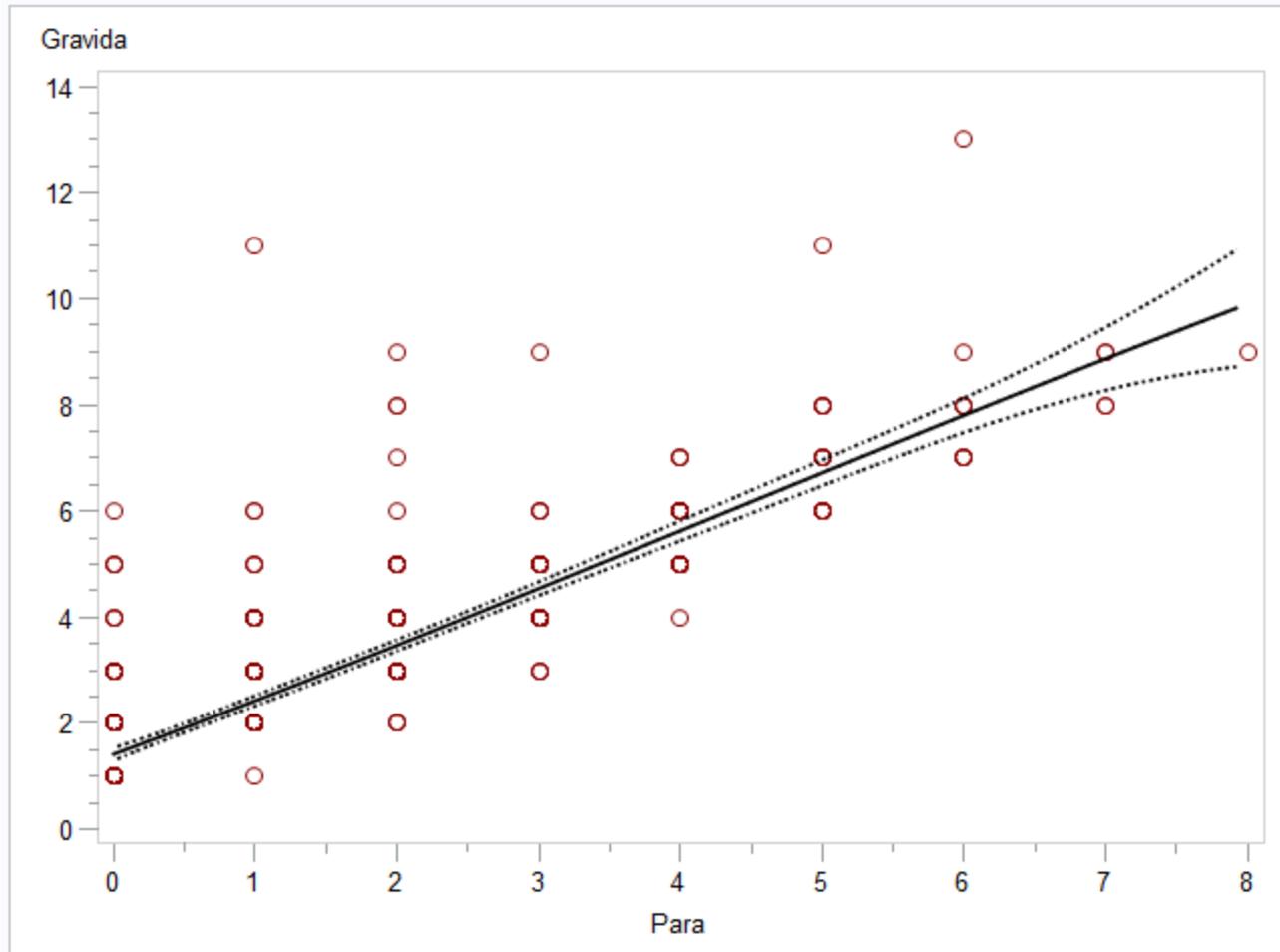


## MW Reports

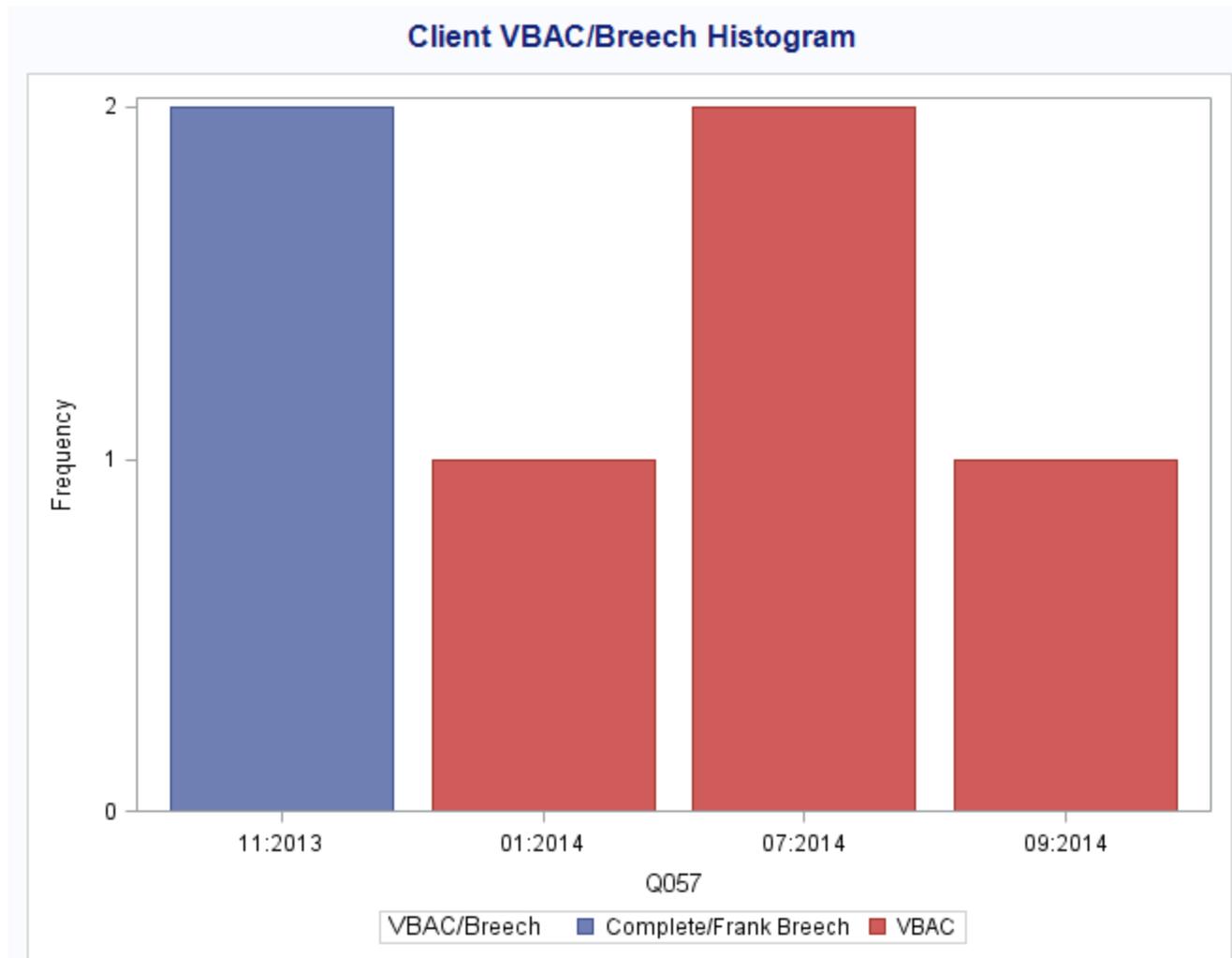


# Mother's Gravida and Para

Gravida/Para Comparison

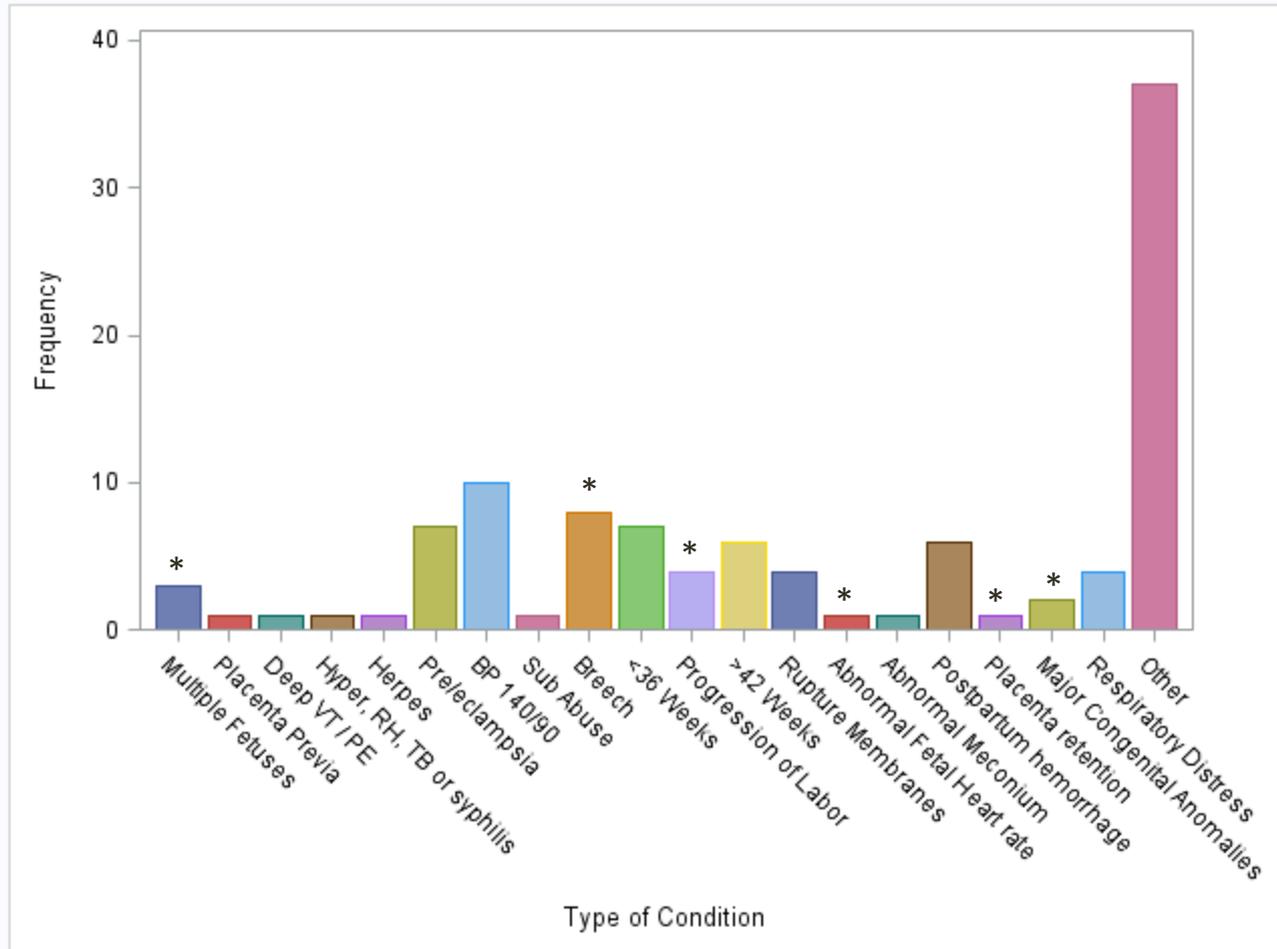


# VBAC/Breech History



# Reported Conditions

Complications/Conditions Histogram



\* Possibly underreported category

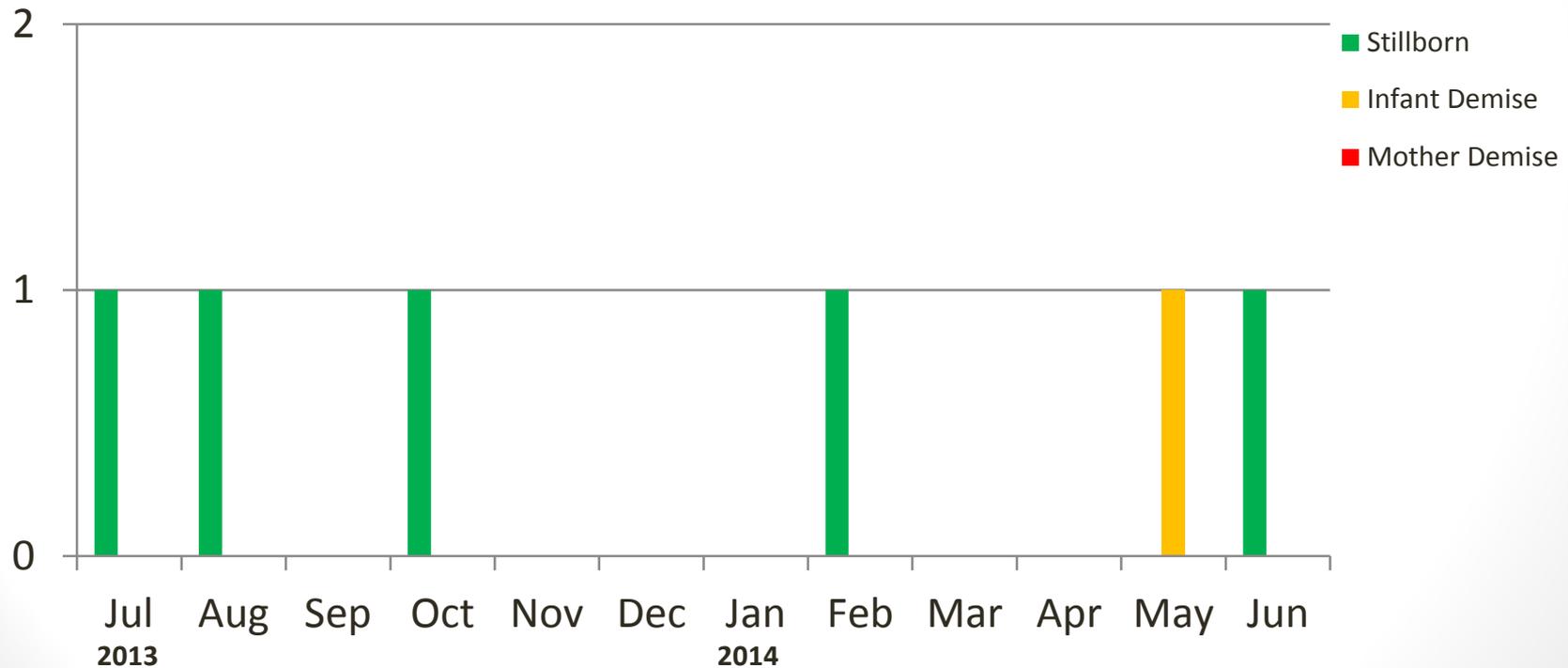
N= 702 Reports

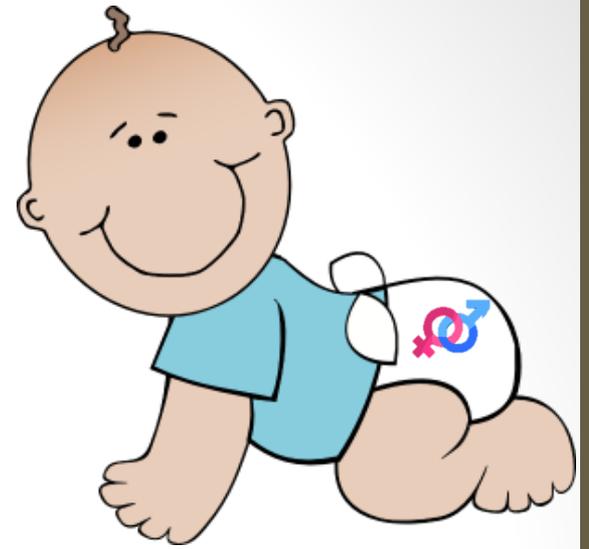
# 'Other' Conditions

Reported Condition	Frequency	Re-classifiable?	Other Condition?
Breech	1	Yes	
Transfer of Care or Termination of Services	8	-	No
Failure to progress or prolonged labor	14	Yes	
Gross Fetal Anomalies	1	Yes	
Twins	1	Yes	
Retained Placenta	1	Yes	
Miscarriage	2	-	No
See delivery notes	1	-	No
FHR deceleration	1	Yes	
Other Conditions	7	No	Yes
<b>Total</b>	<b>37</b>	<b>19</b> 	<b>7</b>

# Stillborn/Infant Demise

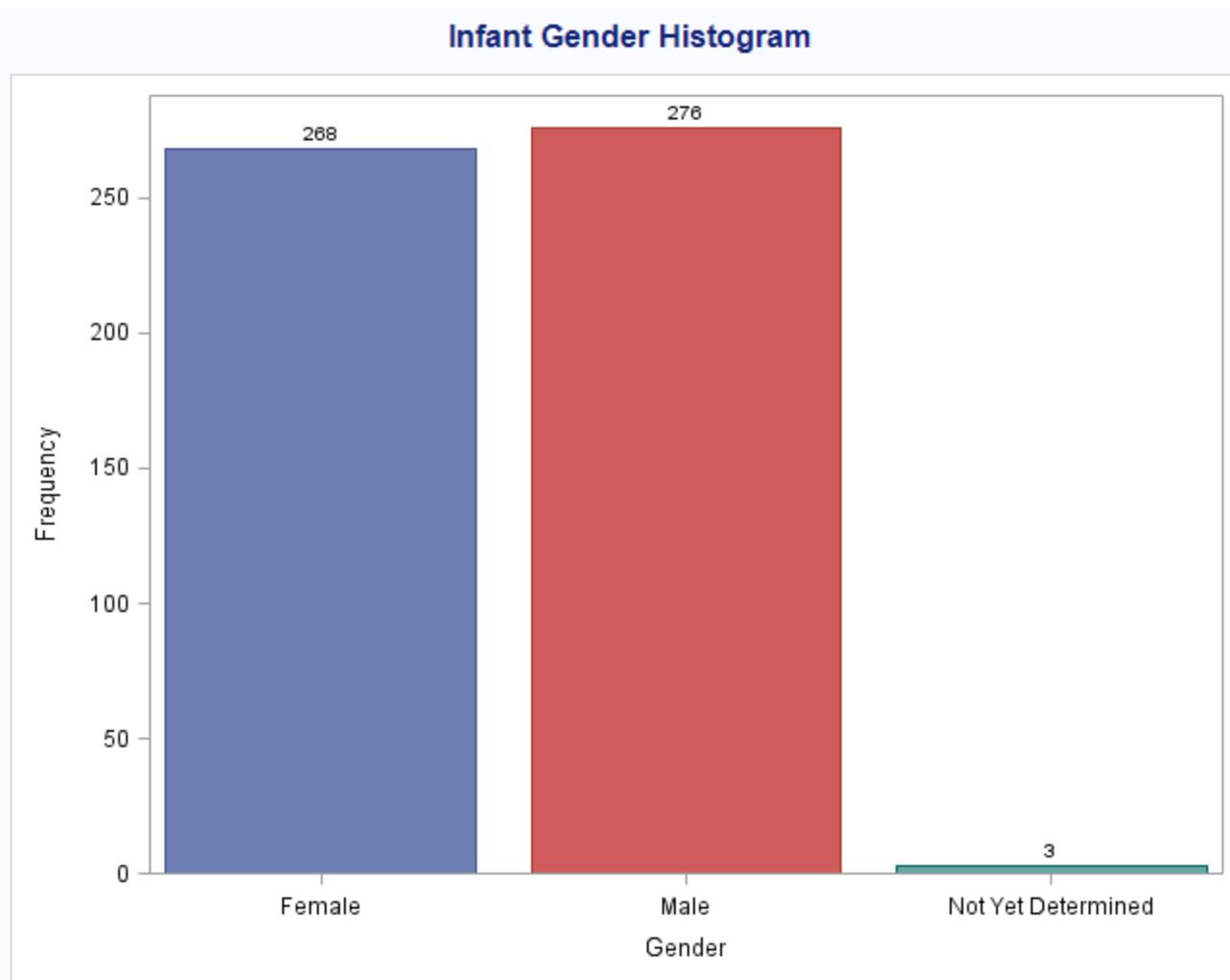
- Stillborn includes any miscarriages after 20 weeks gestation



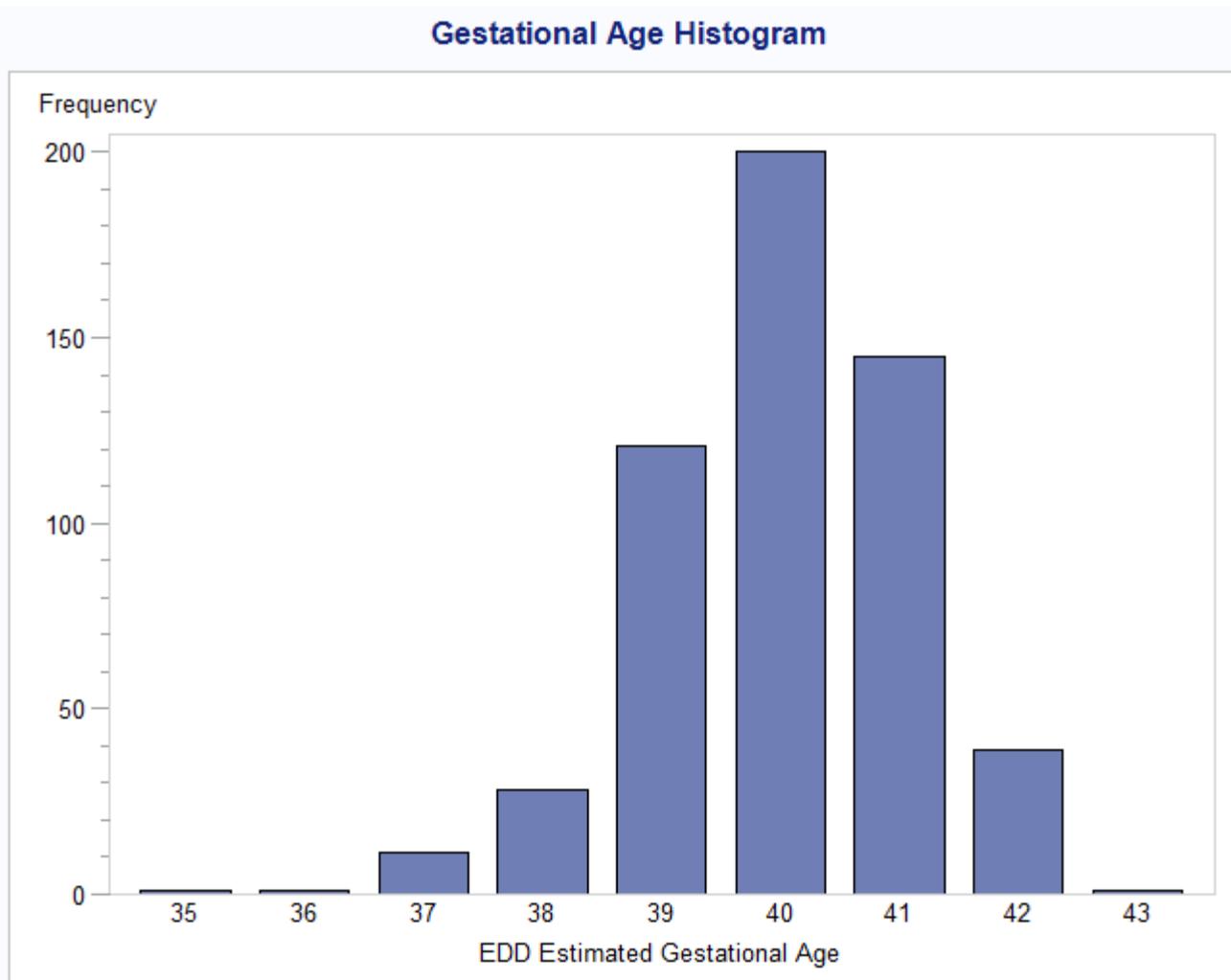


# Infant Information

# Infant Gender

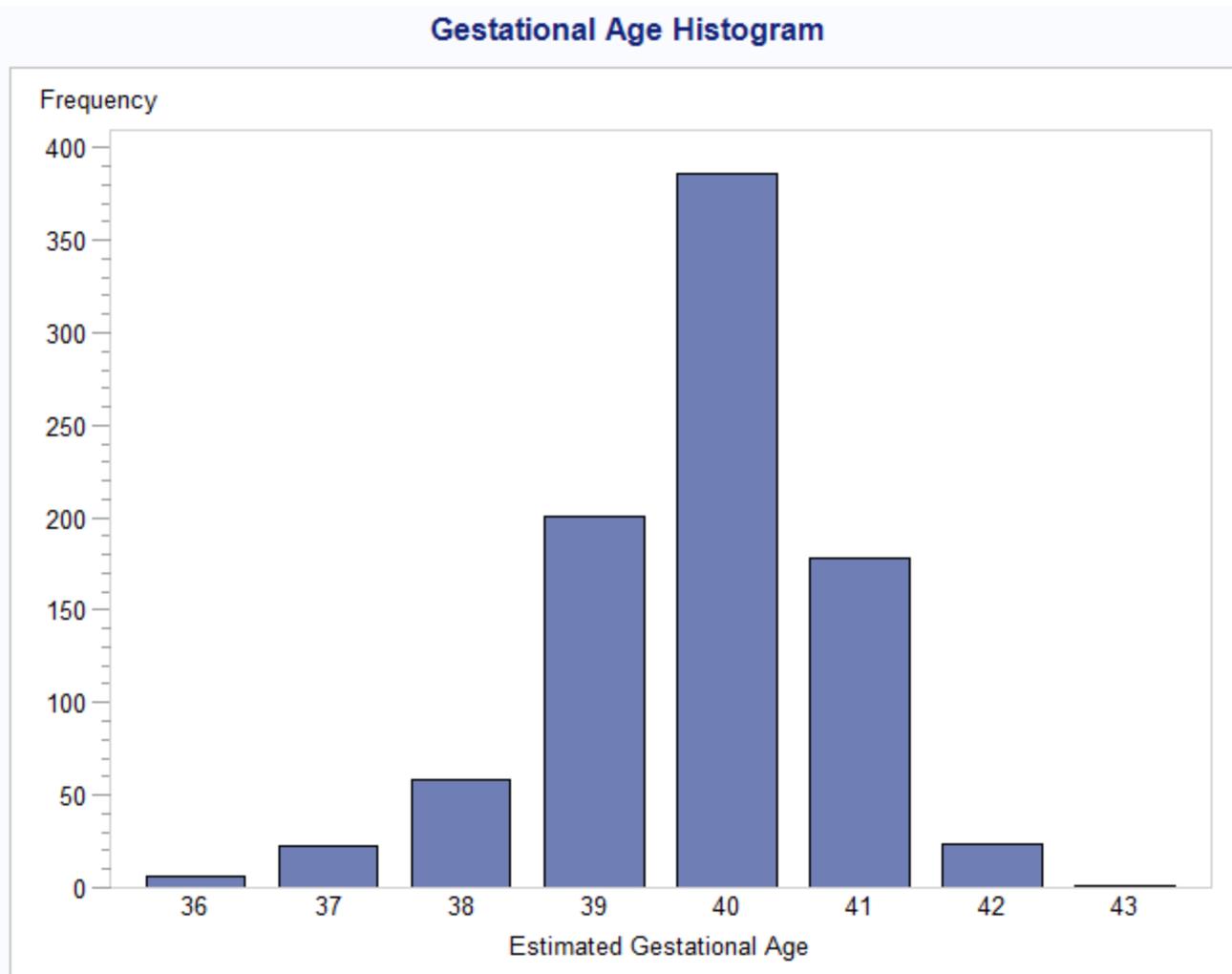


# Estimated Gestational Age



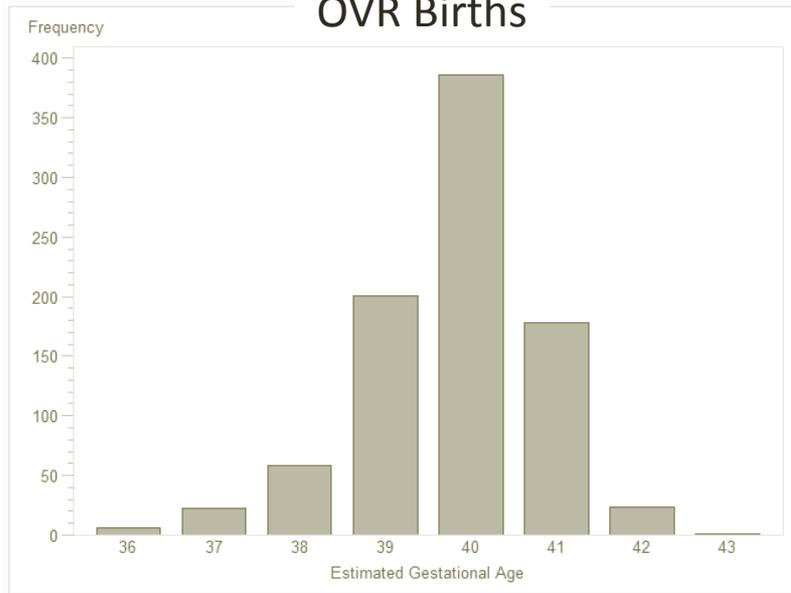
N= 547 Reports

# Estimated Gestational Age (OVR Data)

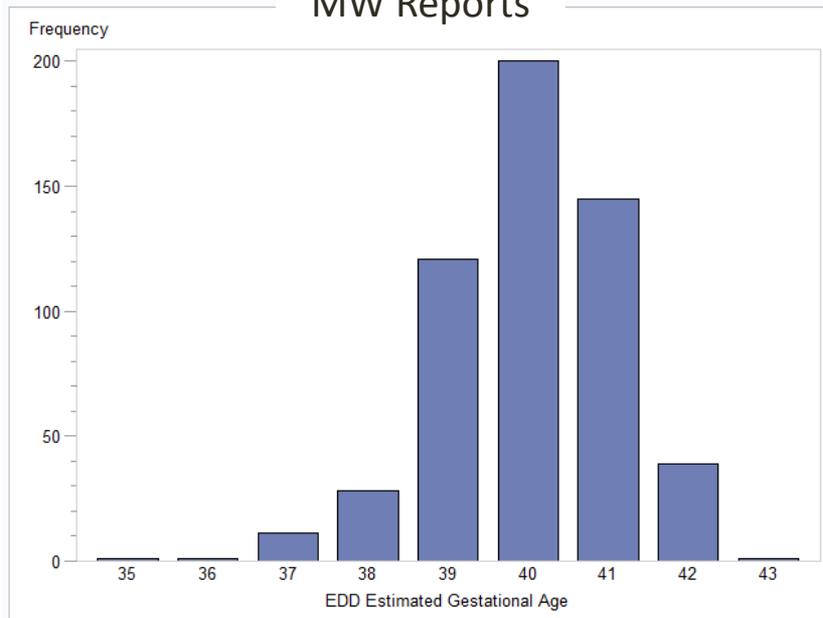


G

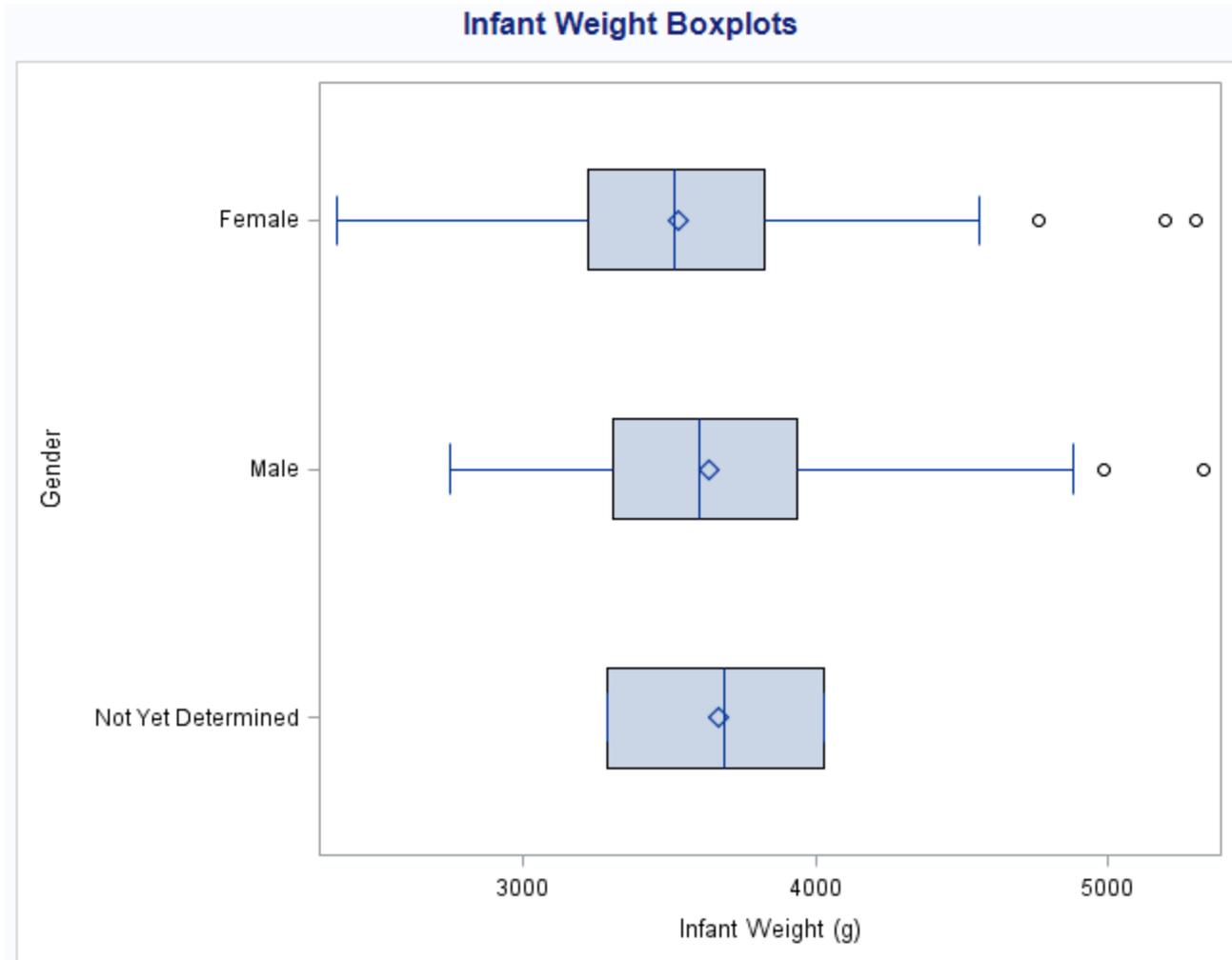
## OVR Births



## MW Reports

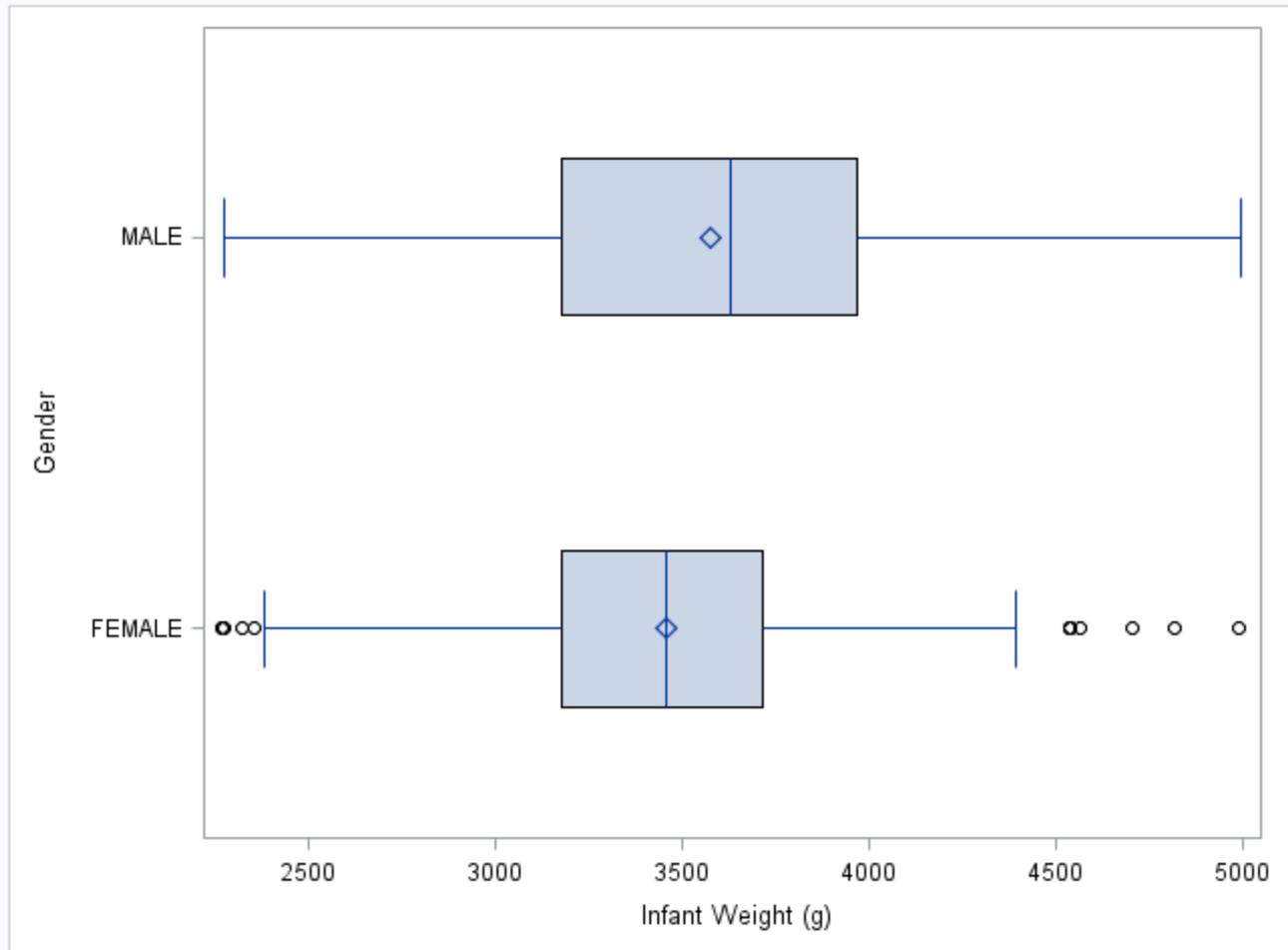


# Infant Weight



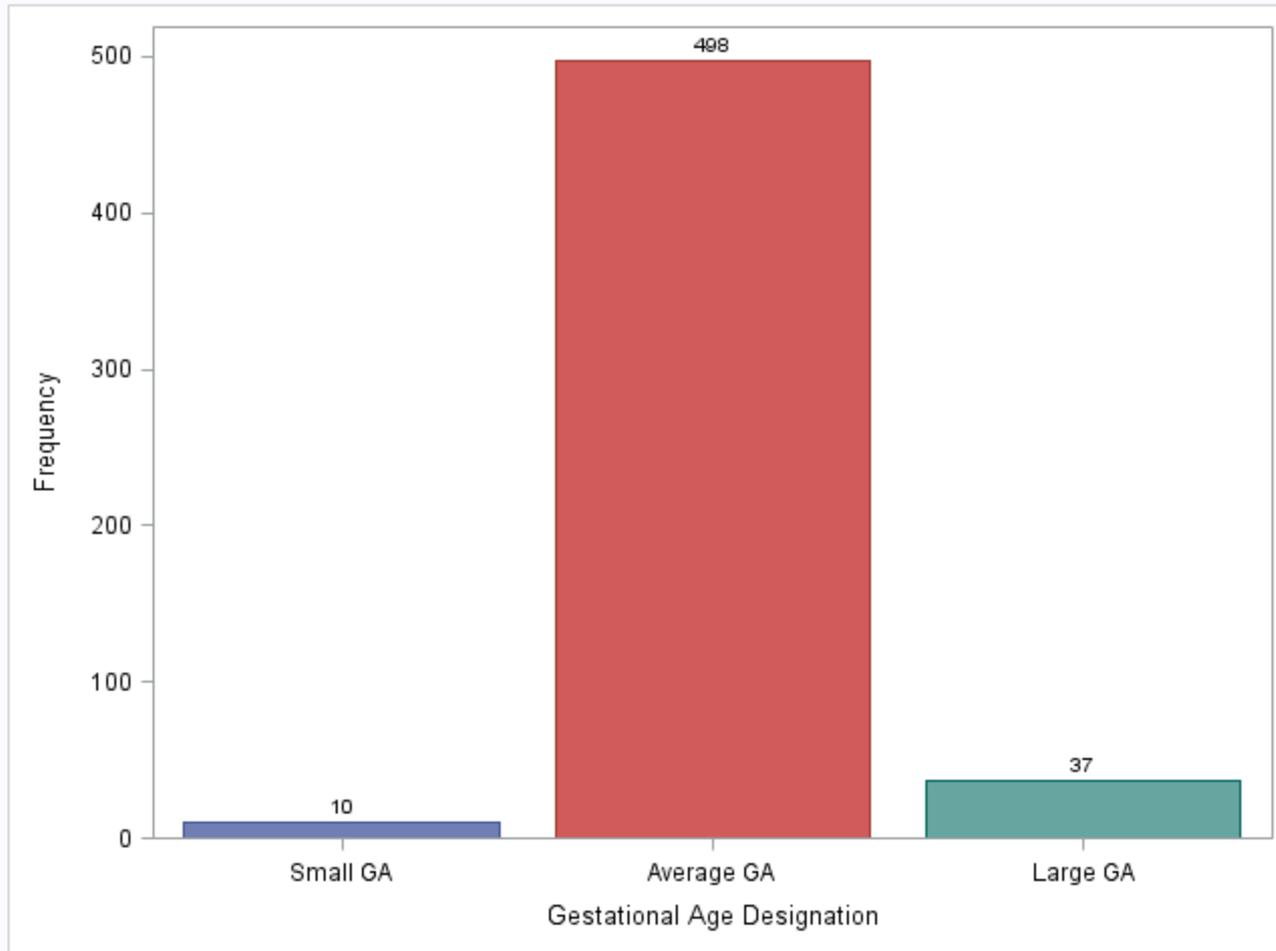
# Infant Weight (OVR Data)

Infant Weight Boxplots



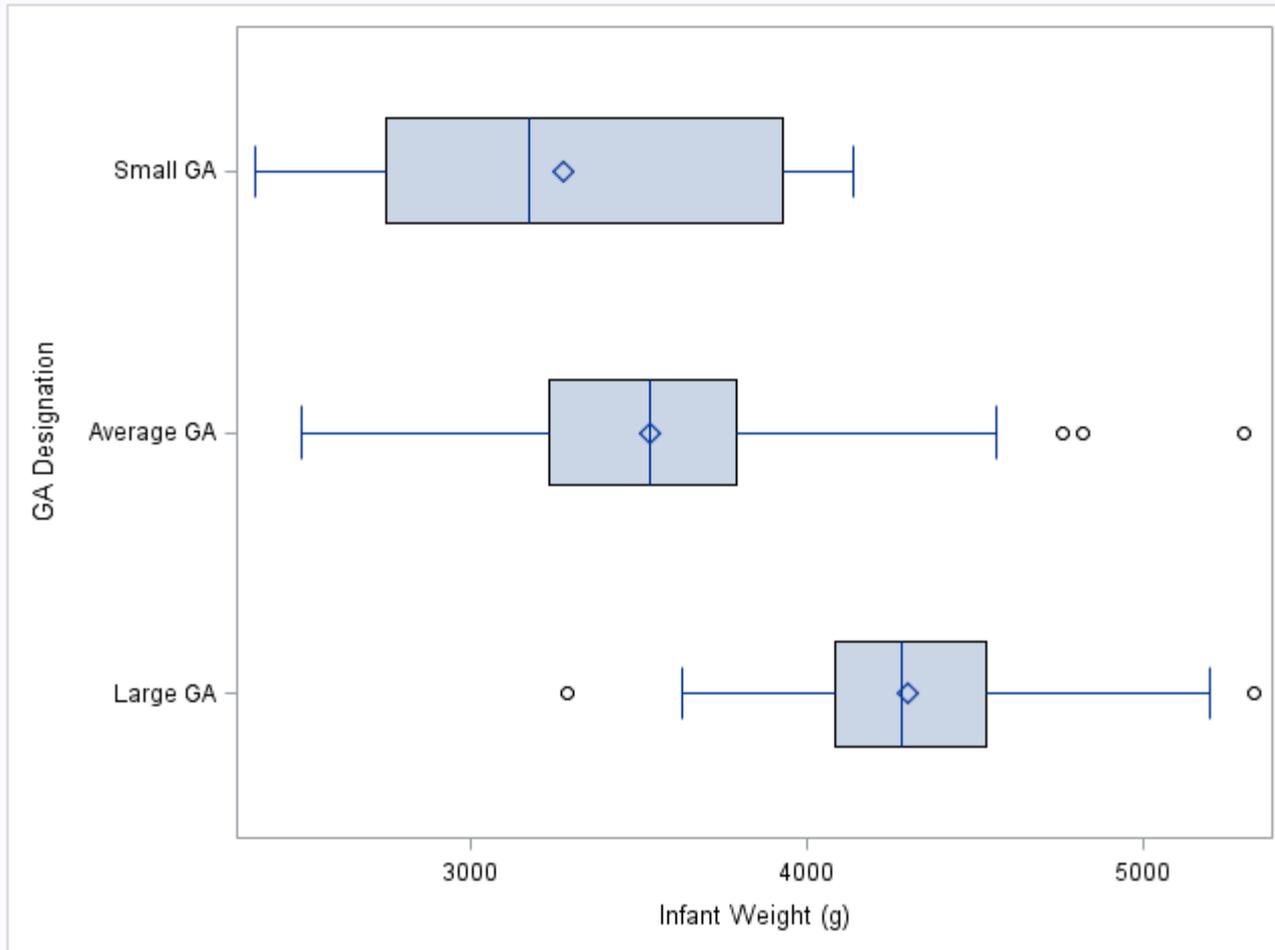
# Infant GA Designation

Infant GA Designation



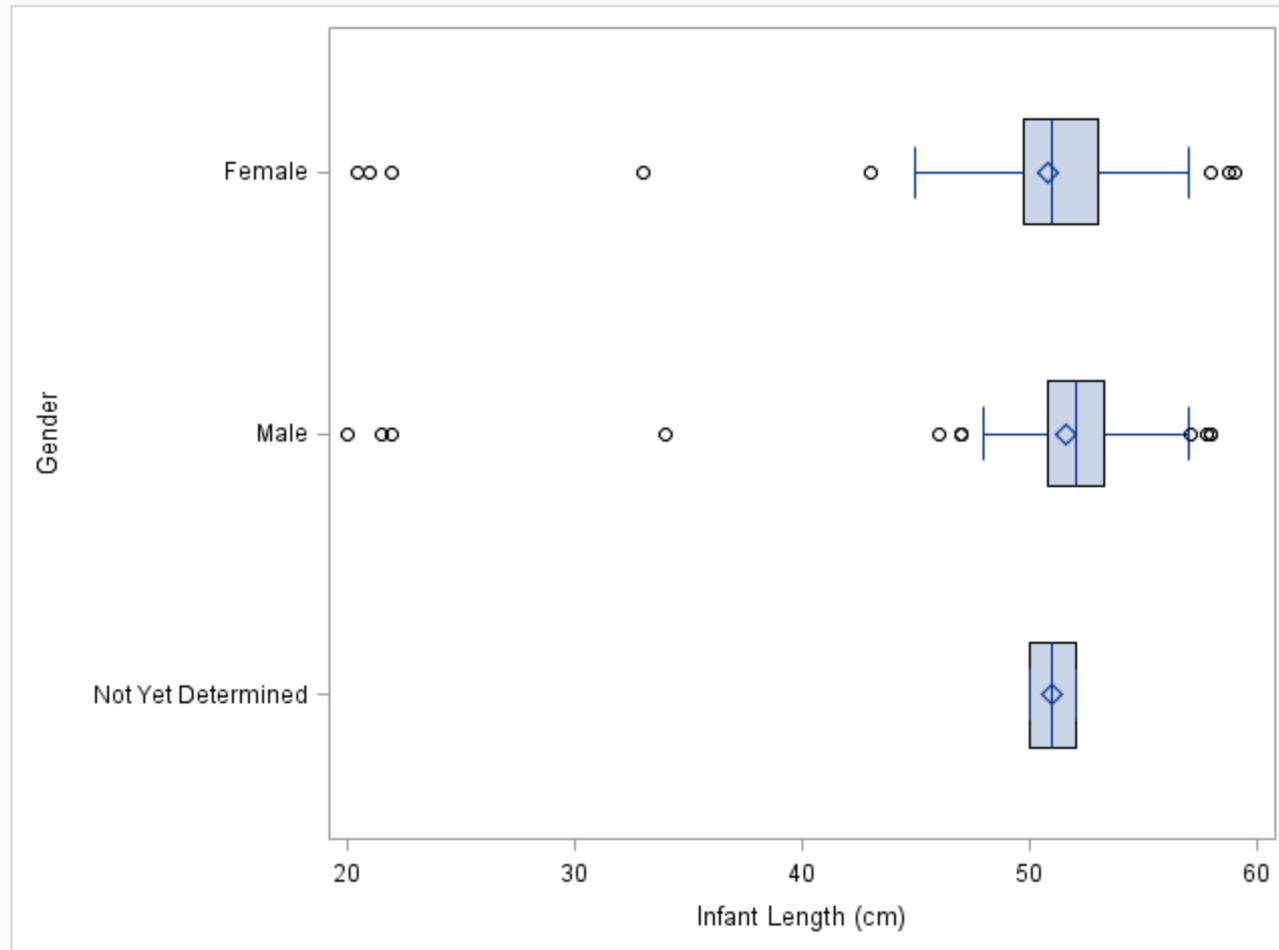
# Weight by GA Designation

Gestational Age (GA) designation by Weight Boxplots



# Infant Length

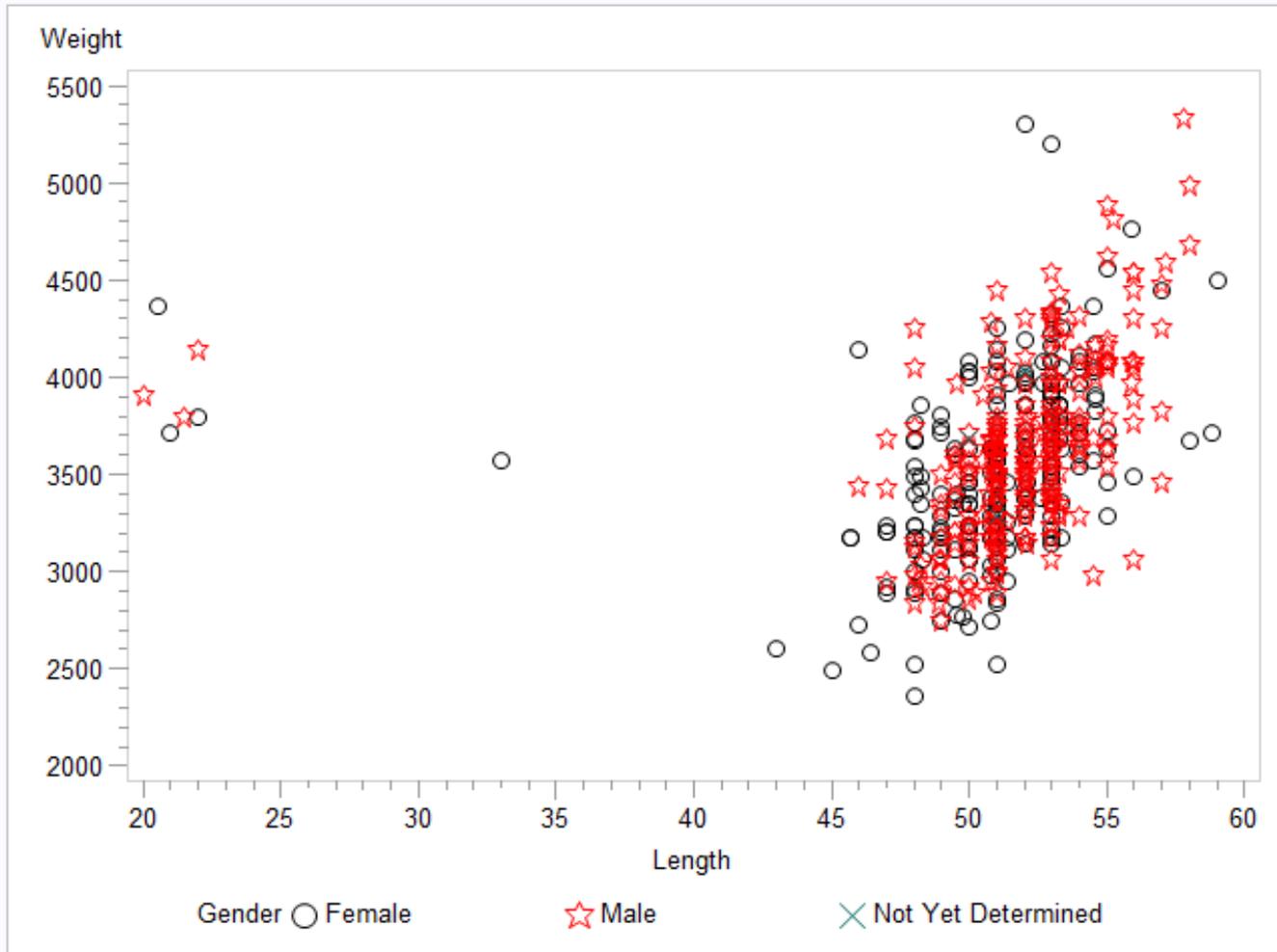
Infant Length Boxplots



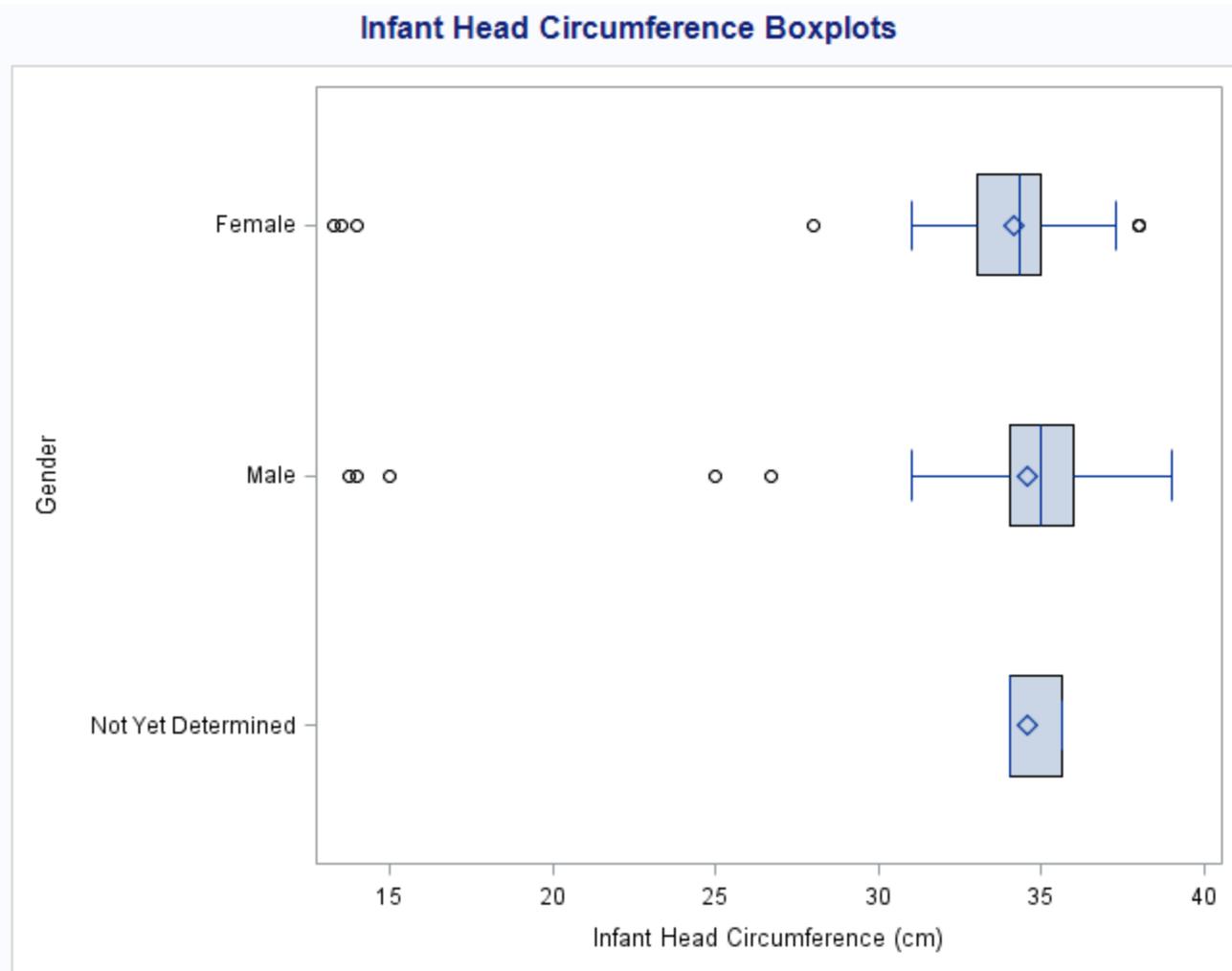
# Infant Height by Length



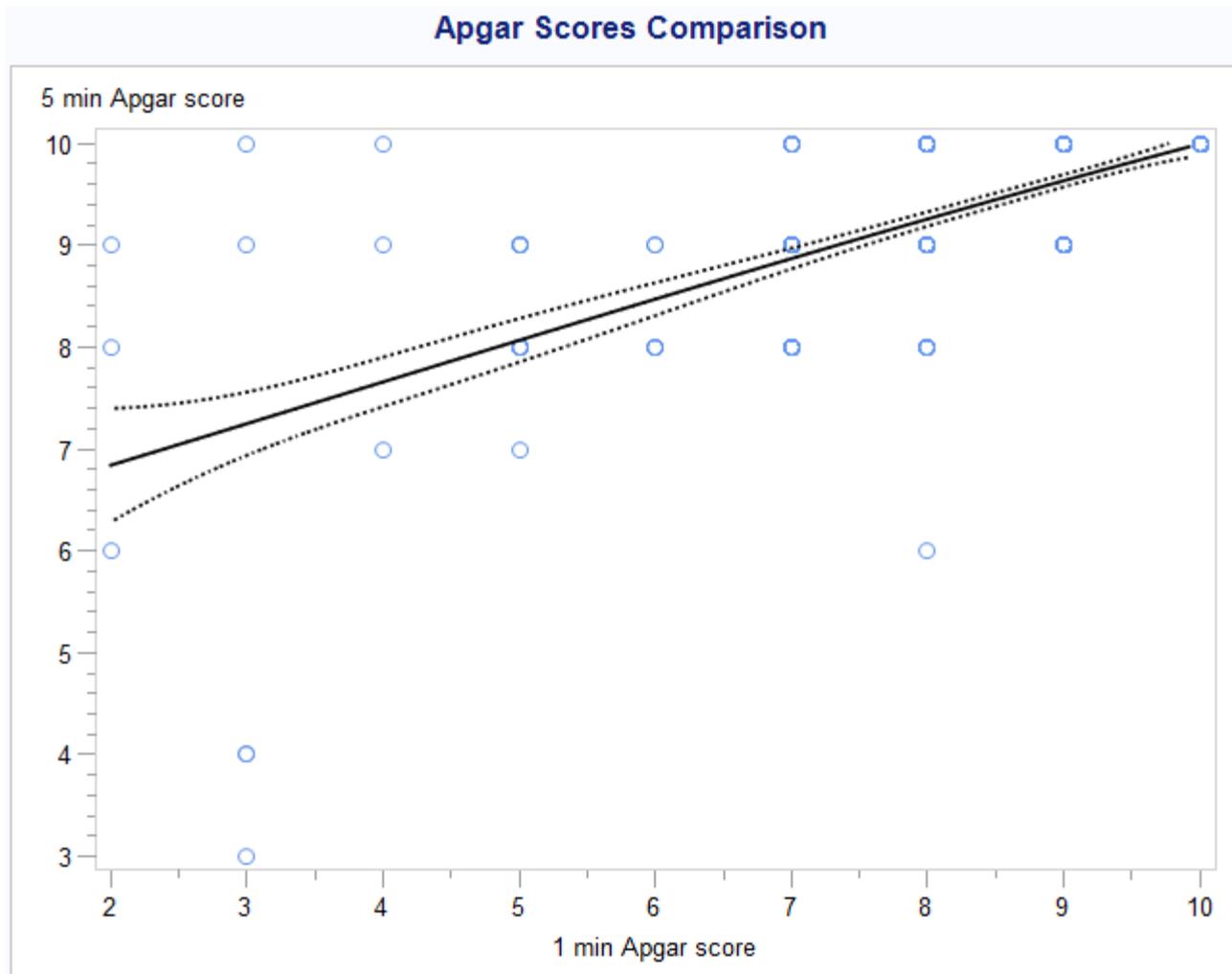
Scatterplot - Height and Length



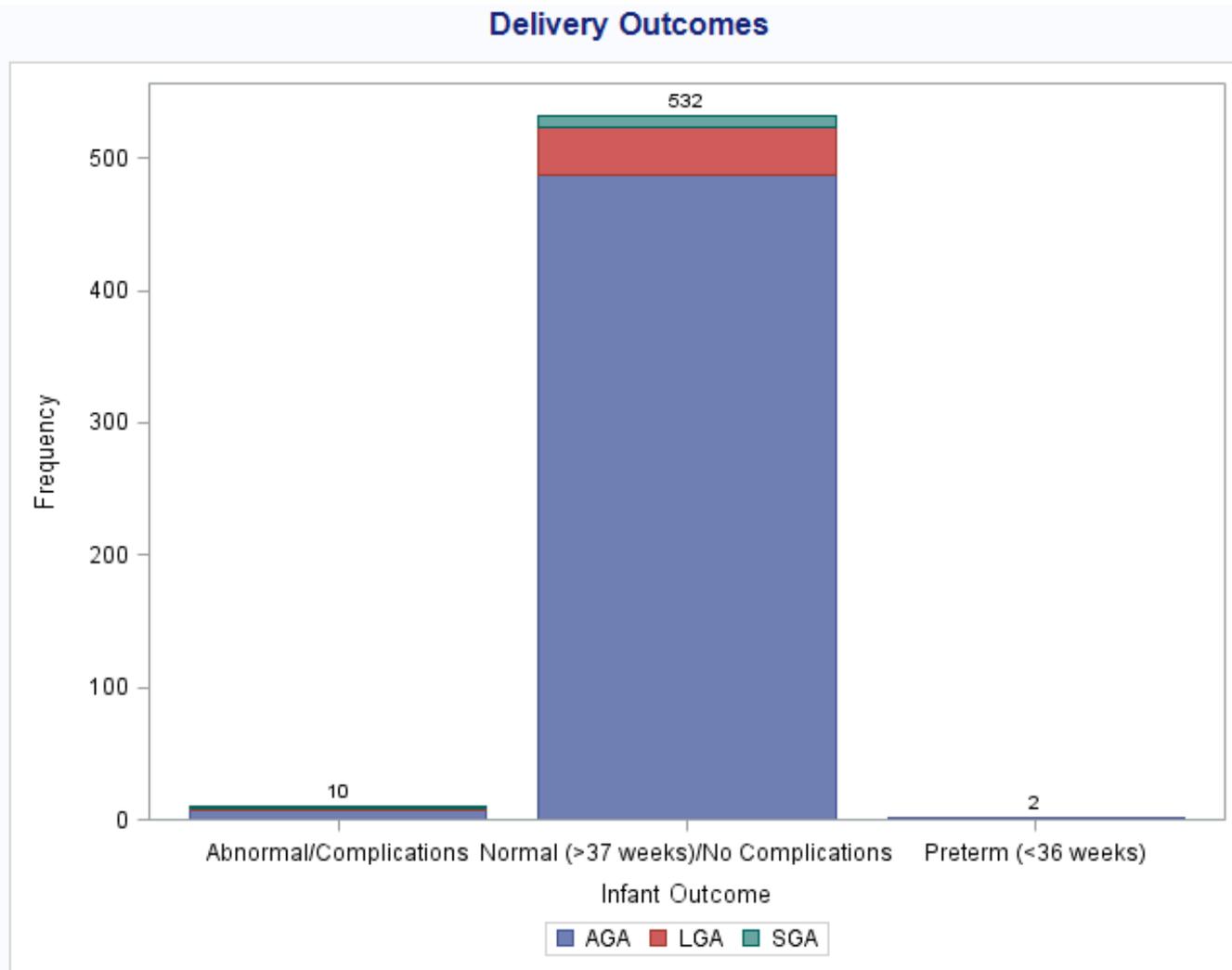
# Infant Head Circumference



# Infant Apgar Scores



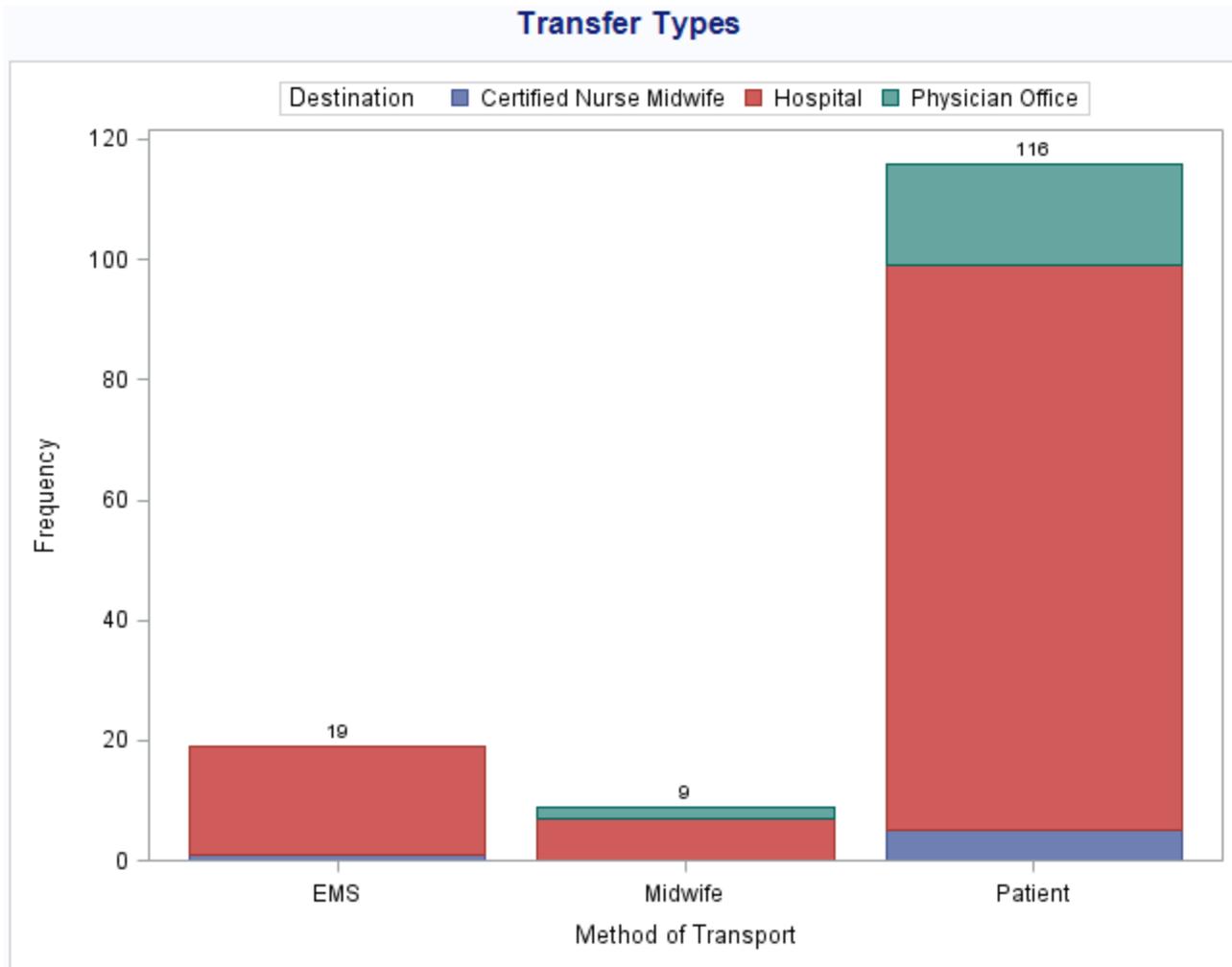
# Infant Delivery Outcomes



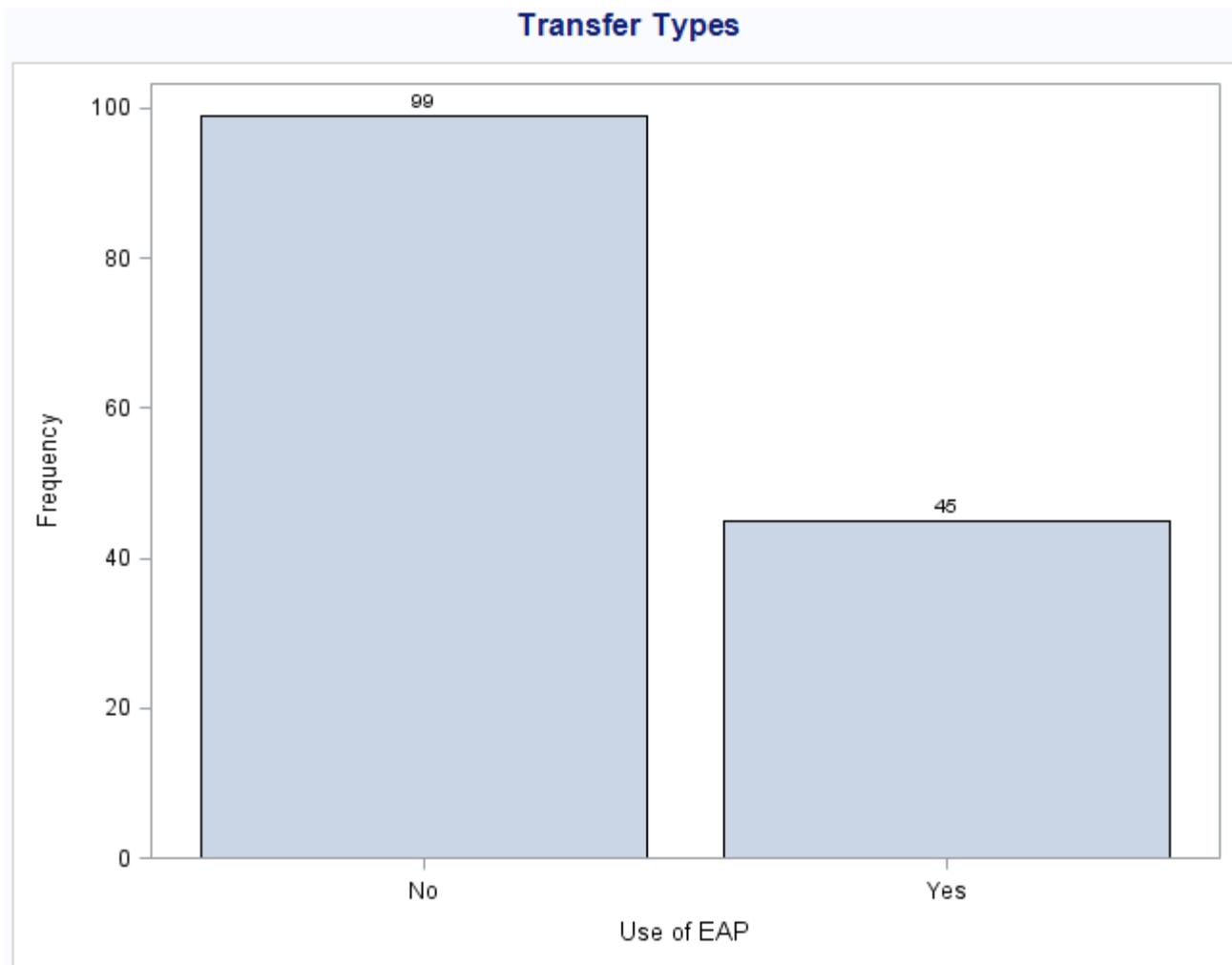
# Transfer Information



# Method and Destination

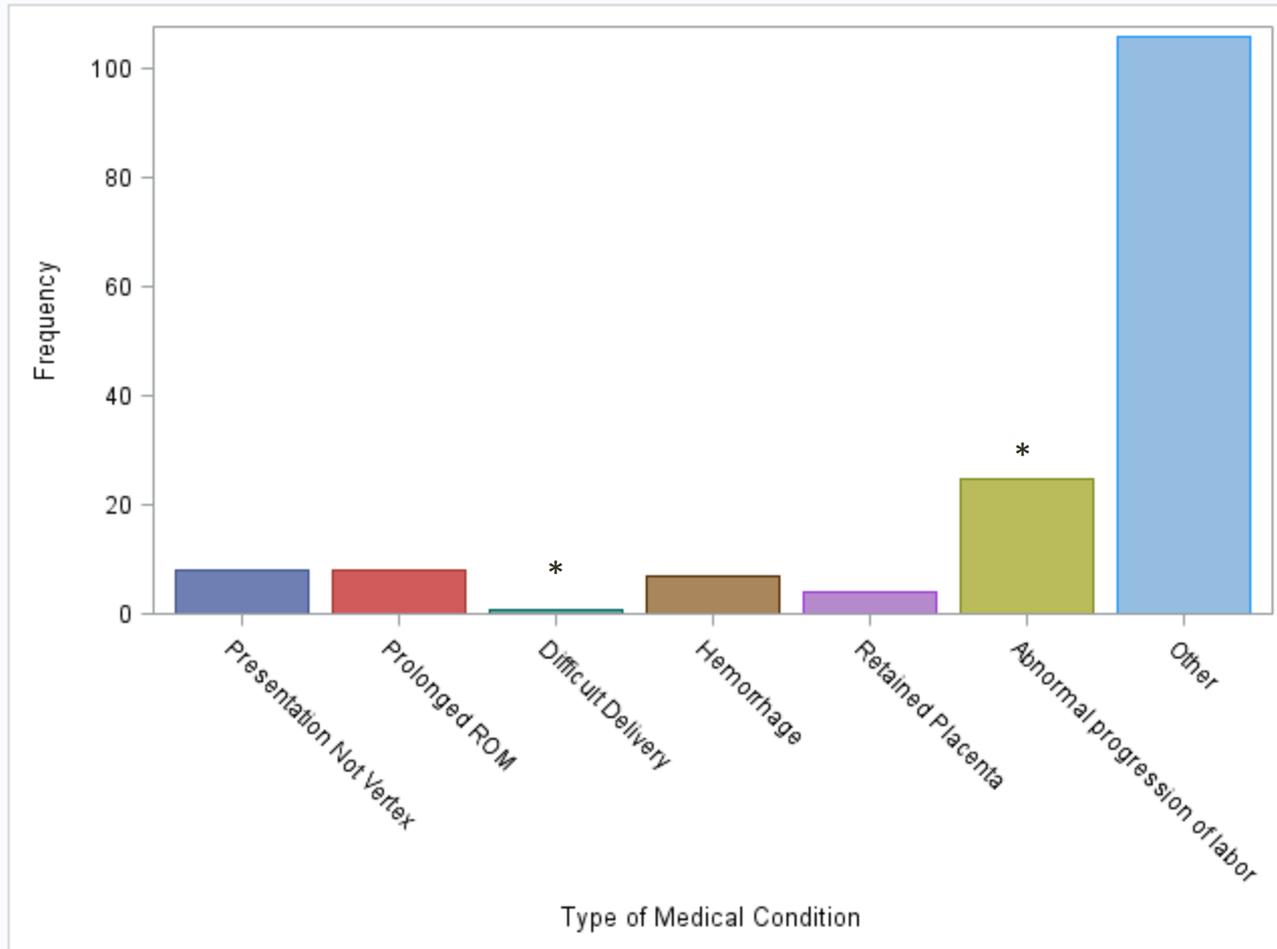


# Emergency Action Plan



# Medical Reason for Transfer

Medical Condition for Transfer Histogram



\* Possibly underreported category



N= 146 Reports

# 'Other' Reason for Transfer

2nd stage: development of significant caput^ no fetal descent	1
41 weeks 6 days	1
Abnormal fetal heart rate.	1
As the comments above state.	1
BABY was transferred- please add appropriate baby options to your form	1
Breech	1
Client Request	1
Client request	1
Client requested transfer for more pain relief options	1
Client requested transfer prior to onset of labor due to EFW	1
Decreased fetal activity	1
Desire for pain medication	1
Elevated B/P	2
Elevated Maternal Heart Rate in labor	1
Elevated blood pressure and lab work that resulted	1
Entered by PDH-Transfer of care unknown	1
FHR decelerations. Homebirth not a safe option.	1
Failure to progress	1
Failure to progress in 2nd stage	1
Failure to progress in dilation^ epidural pain relief requested by mother.	1
Fetal Distress^ FHR Decelerations	1
Fetal demise	1
Fetal demise 18 weeks^ induction of labor to pass fetus	1
Fetal heart rate was not in the normal range during prenatal visit.	1
Gestation beyond 42 weeks	1
Gestational Age was 41.6	1
Gestational Diabetes	1
Group B strep positive and wish for IV antibiotics in labor	1
Hepatic cholestasis of pregnancy	1
High Blood pressure	1
Increased Blood Pressure	1
Infant needed to be seen for mild respiratory support.	1
Infant not transitioning well due to inhalation of mucus.	1
Labor prior to 36 weeks gestation	1
Low APGAR^ respiratory distress	1
Low-Lying Placenta	1
Maternal request after not getting into active labor request for pain relief.	1
Maternal exhaustion^ pain relief	1
Maternal request for pain medication.	1
Mother developed complications	1
Mother needed IV fluids and possible pain medication	1
NA	1
Newborn breathing effort	1
No descent in 2nd stage	1
Non medical TERMINATION of care	1
Non-medical^ non-emergent transfer of care.3	1

Please note: client care was transferred prior to labor.	1
Post dates^ mandatory transfer of care per our rules^ induction	1
Pre-Eclampsia Prior to labor	1
Preeclampsia	2
Prenatal high blood pressure	1
Prenatal rise in B/P over baseline	1
Preterm Labor	1
Preterm bleeding^ diagnosed as placenta previa at hospital	1
Preterm labor	1
Prolonged 2nd stage	2
SAB/Miscarriage	1
SROM with moderate meconium. The client was not in active labor.	1
SROM with thick particulate med	1
Second stage labor with no progress.	1
See above notes	1
Short umbilical cord^ preventing delivery of the body until the cord snapped	1
Slow progress	1
Suspected placental abruption	1
Trisomy 13	1
Twins	1
US confirmed fetus IUGR	1
Unengaged head at 7cm	1
client requested transport	1
dehydration^ desire for epidural	1
elevated blood pressure.	1
elevated fever and lethargy in the newborn 19 days postpartum	1
evaluation of possible brief episode of bradycardia heard during normal prenatal visit	1
fetal demise	1
gestational hypertension	1
high blood sugar. Not sure of the official DX as I was not a part of her care at that time	1
increased blood pressure/ meconium in ruptured amniotic fluid	1
infant cyanotic^ tachypnic^ tachycardic	1
infant had respiratory distress	1
irregular fetal heart tones with late decels	1
ketones in urine with continued emesis	1
maternal exhaustion^ desire for epidural pain relief	1
mother did not feel well	1
occasional variable decelerations^ant^lip^ and pain relief.	1
over 42 weeks	1
partial placental abruption	1
patient choice	1
post dates^ 2 days from 42 weeks^ low amniotic fluid-inducton	1
postdates	1
preeclampsia	1
premature labor	1
preterm labor	2
prolonged third stage^ no progress^ needed pain management	1
rupture of membranes with no labor	1
see above	1
stalled labor^ needed augmentation	1
twin gestation	1
twin pregnancy discovered at 6 wk 5 days	1

# 'Other' Reason for Transfer

Medical Reason	Classified as Other?
Abnormal Progression of Labor	15
Prolonged ROM	0
Difficult Delivery	3
Hemorrhage	0
Retained Placenta	0
Shock	0
Shoulder Dystocia	0
Other Reasons	88
<b>Total</b>	<b>106</b>

# Thank You! 😊

Questions?



Health and Wellness for all Arizonans