

2007 CDAPP Data Report Notes

- Information is presented as both a number (num #) and a percent (%)
 - Note: Data are presented (both in number and percent) including unknowns to allow for quality improvement of data collection as well as program planning.
 - To calculate the true percentage among known values please remove the unknown values from the denominator for each variable.
 - Caution should be used in interpreting findings with large numbers of unknowns (e.g. > 10%).
- Total columns are presented as column percent, diagnostic groupings present row percent (within group)
- Fields with fewer than 5 reported events are blank to avoid identification of individual data and protect privacy.
- The data set represents data for all CDAPP clients delivering an infant or ending a pregnancy in 2007, or if no date of pregnancy end is known, who began Sweet Success care in 2007.
 - Data source is CDAPP Affiliate Reports of Client Outcome.
 - The Data collection formats used included:
 - Electronic data collection via SurveyMonkey.com using attached format.
 - Paper data collection using the CDAPP Client Outcome Report Form (2004 version)
- The data are reported in 7 groupings as well as aggregated into the total CDAPP population.
 - Grand Total
 - Women with pre-existing Type 1 Diabetes (DM1)
 - Women with pre-existing Type 2 Diabetes (DM2)
 - Women with Gestational Diabetes Mellitus (GDM)
 - Women with a History of GDM not experiencing diabetes during the index pregnancy
 - Impaired Glucose Tolerance (IGT): Women with abnormal blood glucose testing who do not meet the diagnostic criteria for GDM
 - Women within the CDAPP program with Unknown diagnosis
 - None: Women receiving care within the CDAPP program without a diagnosis of diabetes
- Data are reported by maternal diagnosis at the **Last Sweet Success visit**.
 - Within these diagnostic groupings the data are reported for the entire group and also based on the type of intervention reported at the final Sweet Success visit (as is appropriate for each diagnosis) Note: if diagnosis was not reported for the last visit, data is not included.
 - Total (grand total and totals for all diagnoses)
 - Insulin (DM1, DM2, GDM)
 - Insulin pump (DM1)
 - Insulin and Oral Medications (DM2, GDM)
 - Oral Medications (DM2, GDM)
 - Diet (DM2, GDM, History of GDM, IGT)
 - Within each treatment/intervention type, several interventions may be reported:
 - Insulin (excluding those using an insulin pump in the DM1 category only)
 - Insulin pump (only reported for DM1 clients)
 - Insulin and Oral [any combination of insulin (including pump) and one or more oral medications (Glyburide™, Metformin™, Acarbose™, Other, unspecified)]
 - Oral Medications [any single or combination of oral medications (Glyburide™, Metformin™, Acarbose™, Other, unspecified)]
 - Diet
 - Due to small numbers, only totals are reported within the groups of
 - History of GDM
 - Impaired Glucose Tolerance

- Unknown
- None

- Maternal client data are reported
 - These data represent (inclusions)
 - Whose data was reported by an approved Affiliate;
 - All women receiving Sweet Success care;
 - Giving birth or ending a pregnancy during the calendar year (2007); or
 - If the date of the pregnancy end is unknown, who began Sweet Success during the 2007 calendar year.
 - Exclusions
 - All women giving birth to multiple infants (twins, triplets or higher order) are counted and reported only once
 - Women who experienced spontaneous abortions. As these clients had a pregnancy loss prior to 20 weeks gestation the impact of Sweet Success services would be difficult to evaluate.
 - Outcome
 - Live Births
 - Fetal Deaths: death of a fetus in-utero, after the 20th week of gestation
 - Spontaneous Abortions: loss of a pregnancy prior to the 20th week of gestation
 - Other: includes induced terminations
 - Unknown
 - Maternal Race is grouped based on the following criteria:
 - Race/Ethnicity Grouping definitions can be found in the CDAPP 2007 Data Definition Manual
 - All clients noted to be of Hispanic race/ethnicity and any other combination including Hispanic are coded – Hispanic
 - Clients noted to be non-Hispanic and one other race are coded to that race
 - Clients noted to have more than one race (other than Hispanic) are coded – Multiple Race
 - Clients reporting more than one Asian race are reported as “Multiple Race”
 - Preferred reading language as reported by maternal client.
 - Education reports highest level of education achieved (last completed grade at the conclusion of the index pregnancy).
 - Payment source is reported for Sweet Success services. May differ from payment source for delivery.
 - Maternal age is reported at the conclusion of the index pregnancy.
 - Gravida indicates the number of times the woman has been pregnant, regardless of birth outcome, including the index pregnancy.
 - Para reports the number of times the woman has given birth at greater than 20 weeks gestation, following the conclusion of the index pregnancy, regardless of whether the infant was a live birth or still born. Twins, triplets, etc. are considered a single birth experience, with rare exceptions.
 - Method of Delivery reports Vaginal [including Vaginal Birth After Cesarean Section (n= 82)], Primary and Secondary Cesarean Delivery and Unknown delivery modes.
 - Preconception Care is reported for those clients with pre-existing diabetes.
 - If the client was seen for GDM or other non-pre-existing diabetes diagnoses or their preconception care status is unknown, then they are coded as Not Applicable for this variable.
 - Hemoglobin A1c can be reported for the pre-pregnancy and/or prenatal period.
 - If a value is reported on the Client Outcome Report – then it is counted as “known”

- Weeks Gestation at Entry Into Sweet Success Care is calculated using the EDD (Estimated Date of Delivery) and the reported date of the First Sweet Success Visit.
- Treatment change is calculated within each major diagnostic grouping (Type 2, GDM) using the diagnosis and intervention type reported at the first and last Sweet Success visit. Additions of insulin or oral medications are reported. Note it is possible for a client to be reported in both the insulin added and the oral medication added fields.
 - Reporting is limited to those clients who remained in the same general diagnostic group for both the first and last Sweet Success visits.
 - Those clients with Hx of GDM or IGT at first visit with a diagnosis of GDM at the last visit with insulin (n=86) or oral medications (n=59) added were excluded.
 - Those clients with GDM at the first visit and Type 1 or Type 2 (n=30) at the last visit or those with Type 2 at the first visit and Type 1 or GDM (n=17) at the last visit were excluded from analysis due to possible reporting/data entry error.
- BMI (Body Mass Index) is calculated using the pre-pregnancy weight and the measured height in inches.
 - BMI reporting categories are in accordance with the Institute of Medicine guidelines for BMI groupings and weight gain recommendations and further segmented to reflect CDAPP guidelines.
 - Within each category the number and percent of women with weight gain during pregnancy that was less than the recommendation for BMI, within the recommended and greater than recommended is reported.
 - Women with unknown pre-pregnancy weight and/or height are reported as unknown.
 - Women with unknown weight gain are excluded from reporting in this category.

- Sweet Success Fetal and Infant Outcome
 - These data represent (inclusions)
 - Reported by an approved Affiliate;
 - Fetal loss (after the 20th week of gestation) or live born infants, as well as unknown and other outcomes to women receiving Sweet Success care;
 - During the calendar year (2007); or
 - If the data of the pregnancy end is unknown, whose mother began Sweet Success care during the 2007 calendar year.
 - Includes all fetal deaths and live born infants of multi-fetal pregnancies (twins, triplets or higher order)
 - Exclusions
 - Fetal losses to women who experienced spontaneous abortions. (n=181)
 - The following groups are reported within the data on singleton and multi-fetal pregnancies, as well as those with unknown outcome.
 - Singletons (reported as not being part of multiple pregnancy)
 - Multiples (all those fetal and neonatal outcomes reported as being part of a multiple pregnancy)
 - Twins
 - Triplets or Higher Order Multiples
 - Unknown Multiples (reported as being part of a multiple pregnancy but without data on the number of infants in the pregnancy)
 - Unknown Outcomes
 - Multi-fetal pregnancies have an increased risk of premature and low birth weight delivery as well as other adverse outcomes, so they are excluded from the variables reported for *singleton* fetal and neonatal clients. This group of indicators is reported for those infant outcomes reported as singleton.
 - Gender
 - Congenital Anomalies (known at discharge from the Sweet Success program)
 - Method of Feeding at Discharge from the Hospital
 - Birthweight
 - Completed Weeks of Gestation at Delivery [calculated using the Estimated Date of Delivery (EDD) and the actual Date of Delivery]
 - Birthweight (Size) for Gestational Age is calculated using the gestational age (derived as discussed previously – EDD and Date of Delivery) and the birthweight reported. This data is then compared to normative data for the United States and reported in the following groups
 - Small for Gestational Age (defined as birthweight less than or equal to the 10th percentile for gestational age in the general populations)
 - Average for Gestational Age (defined as having a birthweight between the 11th and 89th percentile for gestational age in the general population)
 - Large for Gestational Age (defined as having a birthweight greater than or equal to the 90th percentile for gestational age in the general population)
 - Infants Not Discharged Home with the Mother is defined as those infants remaining in the hospital after the normal maternal discharge at 3 to 5 days. It is reported by length of stay