**Estimated gestational age, Gestation at first COVID19 vaccination during this pregnancy, ~~and~~ Gestation at second COVID19 vaccination during this pregnancy and Gestation at third COVID19 vaccination during this pregnancy valid combinations**

| **Where Gestation at first COVID19 vaccination during this pregnancy is:** | **Then Gestation at second COVID19 vaccination during this pregnancy must be:** | **And Gestation at third COVID19 vaccination during this pregnancy must be:** | **And Estimated gestational age must be:** |
| --- | --- | --- | --- |
| In the range 01 to 45 inclusive | a number in the valid range that is greater than or equal to the value in Gestation at first COVID19 vaccination during this pregnancy | a number in the valid range that is greater than or equal to the value in Gestation at second COVID19 vaccination during this pregnancy | a number greater than or equal to the value in Gestation at ~~second~~ third COVID19 vaccination during this pregnancy |
| In the range 01 to 45 inclusive | a number in the valid range that is greater than or equal to the value in Gestation at first COVID19 vaccination during this pregnancy | 77 No third dose received during this pregnancy | a number greater than or equal to the value in Gestation at second COVID19 vaccination during this pregnancy |
| In the range 01 to 45 inclusive | 77 ~~Only one~~ No second dose received during this pregnancy | 77 No third dose received during this pregnancy | a number greater than or equal to the value in Gestation at first COVID19 vaccination during this pregnancy |
| In the range 01 to 45 inclusive | 88 Unknown gestation | a number in the valid range that is greater than or equal to the value in Gestation at first COVID19 vaccination during this pregnancy | a number greater than or equal to the value in Gestation at third COVID19 vaccination during this pregnancy |
| In the range 01 to 45 inclusive | a number in the valid range that is greater than or equal to the value in Gestation at first COVID19 vaccination during this pregnancy | 88 Unknown gestation | a number greater than or equal to the value in Gestation at second COVID19 vaccination during this pregnancy |

(Business rule table continues over page)

|  |  |  |  |
| --- | --- | --- | --- |
| **Where Gestation at first COVID19 vaccination during this pregnancy is:** | **Then Gestation at second COVID19 vaccination during this pregnancy must be:** | **And Gestation at third COVID19 vaccination during this pregnancy must be:** | **And Estimated gestational age must be:** |
| In the range 01 to 45 inclusive | 88 Unknown gestation | 88 Unknown gestation | a number greater than or equal to the value in Gestation at first COVID19 vaccination during this pregnancy |
| In the range 01 to 45 inclusive | 88 Unknown gestation | 77 No third dose received during this pregnancy | a number greater than or equal to the value in Gestation at first COVID19 vaccination during this pregnancy |
| 88 Unknown gestation | In the range 01 to 45 inclusive | a number in the valid range that is greater than or equal to the value in Gestation at second COVID19 vaccination during this pregnancy | a number greater than or equal to the value in Gestation at third COVID19 vaccination during this pregnancy |
| 88 Unknown gestation | In the range 01 to 45 inclusive | 88 Unknown gestation | a number greater than or equal to the value in Gestation at second COVID19 vaccination during this pregnancy |
| 88 Unknown gestation | In the range 01 to 45 inclusive | 77 No third dose received during this pregnancy | a number greater than or equal to the value in Gestation at second COVID19 vaccination during this pregnancy |
| 88 Unknown gestation | 88 Unknown gestation | In the range 01 to 45 inclusive | a number greater than or equal to the value in Gestation at third COVID19 vaccination during this pregnancy |
| 88 Unknown gestation | 88 Unknown gestation | 88 Unknown gestation | a number in the valid range |
| 88 Unknown gestation | 88 Unknown gestation | 77 No third dose received during this pregnancy | a number in the valid range |
| 88 Unknown gestation | 77 No second dose received during this pregnancy | 77 No third dose received during this pregnancy | a number in the valid range |

END OF BUSINESS RULE