

## Web Material

### **COVID-19 Vaccine Safety Surveillance in Early Pregnancy in the United States: Design Factors Affecting the Association Between Vaccine and Spontaneous Abortion**

Gabriela Vazquez-Benitez, Jacob L Haapala, Heather S Lipkind, Malini B DeSilva, Jingyi Zhu, Matthew F Daley, Darios Getahun, Nicola P Klein, Kimberly K Vesco, Stephanie A Irving, Jennifer C Nelson, Joshua TB Williams, Simon J Hambidge, James Donahue, Candace C. Fuller, Eric S. Weintraub, Christine Olson, Elyse O. Kharbanda

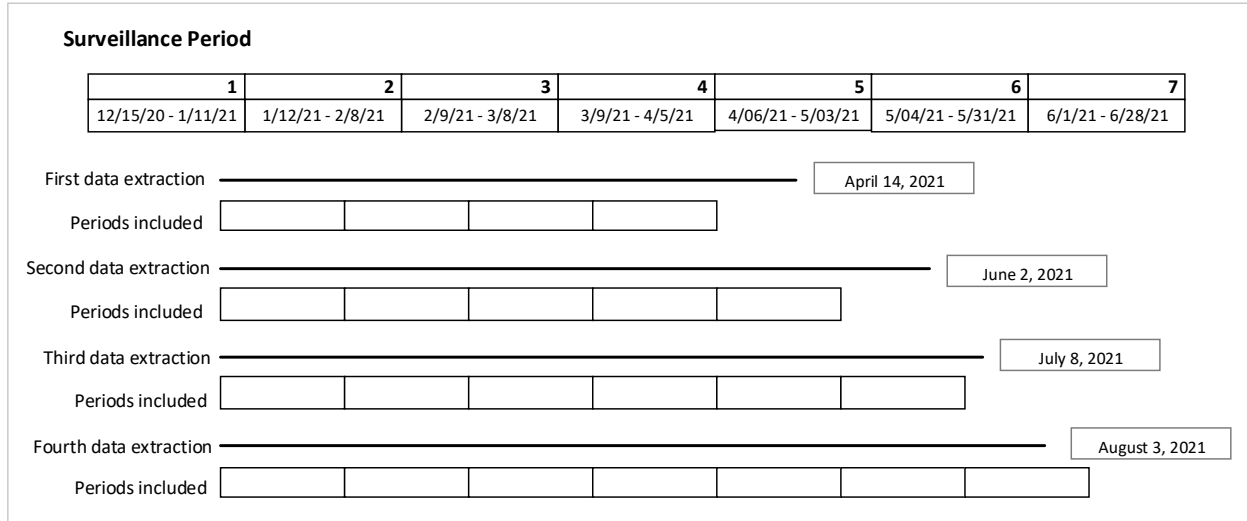
#### *Contents*

Web Figure 1. Diagram of data extraction and surveillance periods

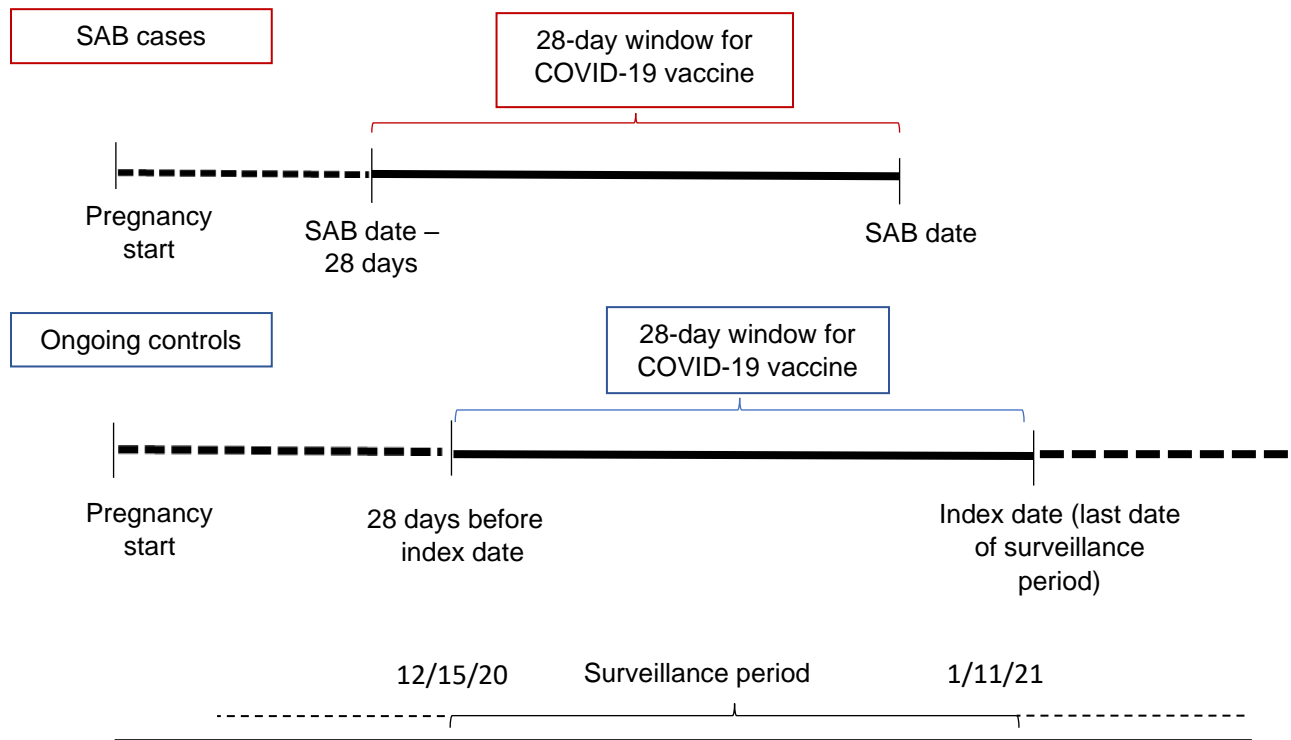
Web Figure 2. Example of spontaneous abortion (SAB) and ongoing pregnancies 6–19 weeks' gestation during a 4-week surveillance period. SAB can occur any day during the surveillance period. The 28-day window for COVID-19 vaccination could contain days from the prior surveillance period. Index date is the last date of the 4-week surveillance period and serves to assess the gestational week and number of prenatal care visits

Web Table 1. Pregnancies and doses of COVID-19 vaccines across 8 Vaccine Safety Datalink sites for June 2, 2021, July 8, 2021, and August 3, 2021, data extractions, December 15, 2020 - June 28, 2021

Web Figure 1. Diagram of data extraction and surveillance periods



Web Figure 2. Example of spontaneous abortion (SAB) and ongoing pregnancies 6–19 weeks' gestation during a 4-week surveillance period. SAB can occur any day during the surveillance period. The 28-day window for COVID-19 vaccination could contain days from the prior surveillance period. Index date is the last date of the 4-week surveillance period and serves to assess the gestational week and number of prenatal care visits



Web Table 1. Pregnancies and doses of COVID-19 vaccines across 8 Vaccine Safety Datalink sites for June 2, 2021, July 8, 2021, and August 3, 2021, data extractions, December 15, 2020 - June 28, 2021

		June 2, 2021, extraction		July 8, 2021, extraction		August 3, 2021, extraction	
Cumulative Surveillance periods	Last Index date	COVID-19 vaccines (doses per 100 Pregnancies pregnancies)		COVID-19 vaccines (doses per 100 Pregnancies pregnancies)		COVID-19 vaccines (doses per 100 pregnancies)	
		3	3/08/21	62255	3694(5.9)	62222	3864(6.2)
4	4/05/21	73292	7625(10.4)	73897	8062(10.9)	74600	8125(10.9)
5	5/03/21	82901	11132(13.4)	84805	11973(14.1)	85727	12109(14.1)
6	5/31/21			94490	14022(14.8)	96181	14242(14.8)
7	6/28/21					105446	15108(14.3)