Supplementary Table 3. Comparison of characteristics between singleton and multiple gestation among infants born to HBsAg-positive mothers, 2002–2021

Characteristic	Total (n=154,478, %)		Singleton (n=149,072, 96.5%)		Multiple[†] (n=5,406, 3.5%)		Effect size*
Maternal age (yr)							0.061
<25	7,652	5.0	7,509	5.0	143	2.6	
29	43,273	28.0	42,268	28.4	1,005	18.6	
30–34	70,014	45.3	67,527	45.3	2,487	46.0	
35–39	29,194	18.9	27,606	18.5	1,588	29.4	
≥40	4,345	2.8	4,162	2.8	183	3.4	
Maternal nationality							0.006
Korean	146,043	94.5	140,896	94.5	5,147	95.2	
Non-Korean	8,435	5.5	8,176	5.5	259	4.8	
Maternal economic status[‡]							0.026
High	29,234	18.9	27,932	18.7	1,302	24.1	
Middle	93,921	60.8	90,757	60.9	3,164	58.5	
Low	26,563	17.2	25,774	17.3	789	14.6	
Unknown	4,760	3.1	4,609	3.1	151	2.8	
Maternal HBeAg status							0.027
Positive	32,994	21.4	32,044	21.5	950	17.6	
Negative	72,737	47.1	70,322	47.2	2,415	44.7	
Unknown	48,747	31.6	46,706	31.3	2,041	37.8	
Maternal antiviral prescription							0.008
No	148,254	96.0	143,110	96.0	5,144	95.2	
Yes	6,224	4.0	5,962	4.0	262	4.8	
Sex of infants							0.002
Female	75,292	48.7	72,680	48.8	2,612	48.3	
Male	79,186	51.3	76,392	51.2	2,794	51.7	
Gestational age (wk)							0.374
<32	984	0.6	705	0.5	279	5.2	
32–36	8,183	5.3	5,639	3.8	2,544	47.1	
37–40	112,263	72.7	110,389	74.1	1,874	34.7	
≥41	6,250	4.0	6,241	4.2	9	0.2	
Unknown	26,798	17.3	26,098	17.5	700	12.9	
Birth weight (g)							0.233
≥2,000	152,011	98.4	147,520	99.0	4,491	83.1	
<2,000	2,467	1.6	1,552	1.0	915	16.9	
Delivery type[§]							0.183
Vaginal	86,509	56.0	86,012	57.7	497	9.2	
Cesarean section	63,745	1.3	58,979	39.6	4,766	88.2	
Emergency	17,211	11.1	16,753	11.2	460	8.5	
Elective	28,982	18.8	26,690	17.9	2,290	42.4	
Other	17,552	11.4	15,536	10.4	2,016	37.3	
Unknown	4,224	2.7	4,081	2.7	143	2.6	
Feeding method							0.044
Formula	16,576	10.7	15,753	10.6	823	15.2	
Breast[‖]	18,196	11.8	17,895	12.0	301	5.6	
Mixed	20,441	13.2	19,634	13.2	807	14.9	
Unknown	99,265	64.3	9,590	6.4	3,475	64.3	
All 3 same vaccine							0.033
Yes	102,789	66.5	99,377	66.7	3,412	63.1	
No	38,435	24.9	37,169	24.9	1,266	23.4	
Unknown	13,254	8.6	12,526	8.4	728	13.5	
Birth year of infants							0.047
2002–2005	28,864	18.7	28,121	18.9	743	13.7	
2006–2009	35,515	23.0	34,519	23.2	996	18.4	
2010–2013	35,971	23.3	34,788	23.3	1,183	21.9	
2014–2017	37,438	24.2	35,823	24.0	1,615	29.9	
2018–2021	16,690	10.8	15,821	10.6	869	16.1	

C-section, cesarean section; HBeAg, hepatitis B envelope antigen.

Effect sizes were presented as Cramer's V. [†]Multiple gestation was identified by either the presence of specific ICD-10 codes (O30., multiple gestation, O31.* complications specific to multiple gestation; O84.*, multiple delivery) or by identifying infants with similar dates of birth. [‡]Classified based on total household income: upper (top 75%), middle (25–75%), and lower (bottom 25%, including medical aid recipients). [§]Based on ICD-10 codes: vaginal (ICD-10: O80.*, O81.*, O83.*, O84.0-1); elective C-section (O82.0); emergency C-section (O82.1); other C-section (O82, O82.2, O82.8-9, O84.2); unknown (unclear diagnostic codes). [‖]Exclusively breastfed for at least the first one month from birth.

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