Supplementary Table 4. Comparison of characteristics between the breastfeeding and formula feeding groups among infants born to HBsAg-positive mothers, 2002–2021

Characteristics	Total (n=34,772, %)		Breastfeeding† (n=18,196, 52.3%)		Formula feeding (n=16,576, 47.7%)		Effect size*
Maternal age (yr)							0.072
<25	1,486	4.3	727	4.0	759	4.6	
25–29	9,489	27.3	5,216	28.7	4,273	25.8	
30–34	16,464	47.3	8,885	48.8	7,579	45.7	
35–39	6,437	18.5	2,991	16.4	3,446	20.8	
≥40	896	2.6	377	2.1	519	3.1	
Maternal nationality							0.036
Korean	32,941	94.7	17,377	95.5	15,564	93.9	
Non-Korean	1,831	5.3	819	4.5	1,012	6.1	
Maternal economic status‡							0.022
High	6,808	19.6	3,658	20.1	3,150	19.0	
Middle	20,978	60.3	10,983	60.4	9,995	60.3	
Low	5,761	16.6	2,893	15.9	2,868	17.3	
Unknown	1,225	3.5	662	3.6	563	3.4	
Maternal HBeAg status							0.088
Positive	7,852	22.6	3,468	19.1	4,384	26.4	
Negative	15,726	45.2	8,589	47.2	7,137	43.1	
Unknown	11,194	32.2	6,139	33.7	5,055	30.5	
Maternal antiviral prescription							0.073
No	33,339	95.9	17,697	97.3	15,642	94.4	
Yes	1,433	4.1	499	2.7	934	5.6	
Sex of infants							0.023
Female	17,167	49.4	9,185	50.5	7,982	48.2	
Male	17,605	50.6	9,011	49.5	8,594	51.8	
Gestational age (wk)							0.083
<32	239	0.7	95	0.5	144	0.9	
32–36	2,102	6.0	807	4.4	1,295	7.8	
37–40	30,397	87.4	16,133	88.7	14,264	86.1	
≥41	1,795	5.2	1,068	5.9	727	4.4	
Unknown	239	0.7	93	0.5	146	0.9	
Birth weight (g)							0.043
≥2,000	34,264	98.5	18,019	99.0	16,245	98.0	
<2,000	508	1.5	177	1.0	331	2.0	
Delivery type§							0.102
Vaginal	20,513	59.0	11,599	63.7	8,914	53.8	
Cesarean section	14,205	40.9	6,579	36.2	7,626	46.0	
Emergency	3,853	11.1	1,879	10.3	1,974	11.9	
Elective	6,403	18.4	2,955	16.2	3,448	20.8	
Other	3,949	11.4	1,745	9.6	2,204	13.3	
Unknown	54	0.2	18	0.1	36	0.2	
All 3 same vaccine							0.045
Yes	24,278	69.8	12,866	70.7	11,412	68.8	
No	7,907	22.7	4,180	23.0	3,727	22.5	
Unknown	2,587	7.4	1,150	6.3	1,437	8.7	
Birth year of infants							0.158
2002–2005	288	0.8	112	0.6	176	1.1	
2006–2009	12,289	35.3	6,697	36.8	5,592	33.7	
2010–2013	12,187	35.0	7,268	39.9	4,919	29.7	
2014–2017	7,103	20.4	3,100	17.0	4,003	24.1	
2018–2021	2,905	8.4	1,019	5.6	1,886	11.4	

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

Effect sizes were presented as Cramer's V. †Exclusively breastfed for at least the first one month from 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).