Supplemental Content

Supplement to:

Age at Exposure to Surgery and Anesthesia in Children and Association with Mental Disorder Diagnosis

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This supplemental material has been provided by the authors to give readers additional information about their work.

Table 1: ICD-9 Procedure Codes Identifying the Anesthetic and Surgical Exposure

ICD-9 Codes	Description of Procedure
282	Tonsillectomy without adenoidectomy
283	Tonsillectomy with adenoidectomy
286	Adenoidectomy without tonsillectomy
433	Pyloromyotomy
640	Circumcision
1711	Laparoscopic repair of direct inguinal hernia with graft or prosthesis
1712	Laparoscopic repair of indirect inguinal hernia with graft or prosthesis
1713	Laparoscopic repair of inguinal hernia with graft or prosthesis, not otherwise specified
1721	Laparoscopic bilateral repair of direct inguinal hernia with graft or prosthesis
1722	Laparoscopic bilateral repair of indirect inguinal hernia with graft or prosthesis
1723	Laparoscopic bilateral repair of inguinal hernia, one direct and one indirect, with graft or prosthesis
1724	Laparoscopic bilateral repair of inguinal hernia with graft or prosthesis, not otherwise specified
5300	Unilateral repair of inguinal hernia, not otherwise specified
5301	Other and open repair of direct inguinal hernia
5302	Other and open repair of indirect inguinal hernia
5303	Other and open repair of direct inguinal hernia with graft or prosthesis
5304	Other and open repair of indirect inguinal hernia with graft or prosthesis
5305	Repair of inguinal hernia with graft or prosthesis, not otherwise specified
5310	Bilateral repair of inguinal hernia, not otherwise specified
5311	Other and open bilateral repair of direct inguinal hernia
5312	Other and open bilateral repair of indirect inguinal hernia
5313	Other and open bilateral repair of inguinal hernia, one direct and one indirect
5314	Other and open bilateral repair of direct inguinal hernia with graft or prosthesis
5315	Other and open bilateral repair of indirect inguinal hernia with graft or prosthesis
5316	Other and open bilateral repair of inguinal hernia, one direct and one indirect, with graft or prosthesis
5317	Bilateral inguinal hernia repair with graft or prosthesis, not otherwise specified

Table 2: CPT-4 Codes Identifying the Anesthetic and Surgical Exposure

CPT-4 Codes	Description of Procedure
42820	Tonsillectomy and adenoidectomy; younger than age 12
42821	Tonsillectomy and adenoidectomy; age 12 or over
42825	Tonsillectomy, primary or secondary; younger than age 12
42826	Tonsillectomy, primary or secondary; age 12 or over
42830	Adenoidectomy, primary; younger than age 12
42831	Adenoidectomy, primary; age 12 or over
42835	Adenoidectomy, secondary; younger than age 12
42836	Adenoidectomy, secondary; age 12 or over
43520	Pyloromyotomy, cutting of pyloric muscle
49491	Repair, initial inguinal hernia, preterm infant; reducible
49492	Repair, initial inguinal hernia, preterm infant; incarcerated or strangulated
49495	Repair, initial inguinal hernia, full term infant younger than age 6 months; reducible
49496	Repair, initial inguinal hernia, full term infant younger than age 6 months; incarcerated or strangulated
49500	Repair initial inguinal hernia, age 6 months to younger than 5 years; reducible
49501	Repair initial inguinal hernia, age 6 months to younger than 5 years; incarcerated or strangulated
49505	Repair initial inguinal hernia, age 5 years or older; reducible
49507	Repair initial inguinal hernia, age 5 years or older; incarcerated or strangulated
49525	Repair inguinal hernia, sliding, any age
49650	Laparoscopy, surgical; repair initial inguinal hernia
49651	Laparoscopy, surgical; repair recurrent inguinal hernia
54161	Circumcision, surgical excision other than clamp, device, or dorsal slit

Table 3: ICD-9 Diagnosis Codes Identifying ICD-9 Coded Mental Disorder Diagnoses

ICD-9 Codes	Description of Diagnosis
295	Schizophrenia
296.00–296.16, 296.4–296.89	Bipolar disorder
296.20– 296.35, 311	Depression
300.00–300.29	Anxiety disorder
312.00–313.89	Conduct disorder
299	Autism
314	Attention deficit hyperactivity disorder
317–319	Intellectual disability
315	Developmental delay
Composite variable of miscellaneous mental health diagnoses inclusive of:	
293-294	Mental disorders due to conditions classified elsewhere
297	Delusional disorders
298	Other nonorganic psychoses
300.10–300.19	Dissociative and somatoform disorders
300.30– 300.90	Dissociative and somatoform disorders
301.10–301.90	Personality disorders
307	Special symptoms or syndromes not elsewhere classified
308	Acute reaction to stress
309	Adjustment reaction
313.90–313.99	Disturbance of emotions specific to childhood and adolescence

Supplemental Methods: Details on Propensity Score Calculation and Matching Methods

Variables Used to Calculate Propensity Scores for Exposed Children:

Propensity scores for each of the four individual procedures of interest were independently calculated for children in each age at exposure category, and were calculated separately for TX and NY. Any age at exposure category where a specific procedure was performed in fewer than 10 children was excluded from analysis. The variables used to calculate propensity scores were divided into two categories, those recorded at the time of birth and those recorded at the time of exposure.

Variables recorded at the time of birth: baseline sociodemographic characteristics (sex, race/ethnicity, income calculated by zip code of residence at birth and divided into quartiles[1]), and comorbidity variables including ICD-9 coded prematurity and congenital anomalies as binary variables (codes listed in Supplemental Content Table4).

Variables recorded at the time of exposure: comorbidity as described by Chronic Condition Indicator (CCI) coded binary variables, which classify ICD-9 codes into body systems with acute and chronic conditions for each system.[2] A particular CCI was recorded for a child if they had a diagnosis for that condition anytime at or prior to exposure. The number of inpatient stays and outpatient visits at the time of exposure were also coded as multilevel categorical variables. Inpatient stays were classified as the total number of stays, with all children having at least one stay since all had an inpatient stay for their own birth. The outpatient visits variable however was the number of outpatient visits split into quartiles.

Codes for medical conditions and visits directly related to the surgical procedure of interest were not used to evaluate comorbidity. For example, in a child needing circumcision for phimosis, the diagnosis of phimosis and the physician visits assessing phimosis prior to surgery were not used to calculate pre-existing comorbidity. Several specific CCI categories for disease types were also not used to assess comorbidity: "complications of pregnancy", excluded because it referred to the mother and was only intermittently coded on the records of the child, "mental disorders", because it was the outcome of interest, and "symptoms, signs, and ill-defined conditions" and "factors influencing health status and contact with health services" because these categories contained a mixture of heterogeneous and vague ICD-9 codes. Children who had procedures during the birth admission were also excluded due to a lack of data on patient comorbidity and inpatient and outpatient visits prior to the time of exposure.

Variables Used to Calculate Propensity Scores for Unexposed Children:

In the unexposed children, the variables recorded at the time of birth were the same as those used in the exposed children. For the variables recorded at the time of exposure, the same variables were also used, however since these children were unexposed to surgery and anesthesia, the time at which these variables would be assessed needed to be determined. For the exposed children in each age at exposure category, the median age at exposure was calculated. This calculated age was then applied to the unexposed children in each age at exposure category to determine the age at which the CCI variables and number of physicians visits were assessed.[3]

Calculation of Propensity Scores for Exposed and Unexposed Children and Propensity Score Matching:

Fifty sociodemographic and clinical comorbidity variables were used to calculate propensity scores for the exposed and unexposed children. Using a logistic regression model, the predicted probability of each specific procedure in each age at exposure category was calculated. For example, for a child in TX, the predicted probability of pyloromyotomy in the >28 days and ≤6 months old age at exposure category was calculated with all children with pyloromyotomy in that age category as well as all eligible unexposed children in TX. Matching was then performed based on the propensity scores for children with pyloromyotomy in that age category and all available unexposed controls from that state (TX or NY). The propensity scores for every other procedure in each age at exposure category were similarly calculated with matching performed in a similar fashion.

Table 4: ICD-9 Diagnosis Codes for Prematurity and Congenital Anomaly Variables

ICD-9 Codes	Description of Variable
765.21-765.28	<36 Weeks Gestational Age
765.06-765.08, 765.16-765.18	Low Birth Weight (<2500g and ≥1500g)
765.04, 765.05, 765.14, 765.15	Very Low Birth Weight (<1500g and ≥1000g)
765.01-765.03, 765.11-765.13	Extremely Low Birth Weight (<1000g)
758.0-758.9	Chromosomal Anomalies
745.0-747.9	Congenital Anomalies of the Heart and Circulatory System
740.0 - 742.9	Congenital Anomalies of the Central Nervous System
743.0-744.9	Congenital Anomalies of the Eye
752.0-752.9	Congenital Anomalies of the Genital Organs
749.0-751.9	Congenital Anomalies of the Digestive System
754.0-756.9	Congenital Musculoskeletal Deformities
759.0-759.9	Other Congenital Anomalies
748.0-748.9	Congenital Anomalies of the Respiratory System
757.0-757.9	Congenital Anomalies of the Skin
753.0-753.9	Congenital Anomalies of the Urinary System
768.0-768.9	Intrauterine Hypoxia
760.70-760.79	Intrauterine Exposure to Noxious Agent
762.0-762.9	Intrauterine Placental Insufficiency

Table 5: Characteristics of TX Pyloromyotomy Matched Cohorts by Age at Exposure

		>Birth - ≤28 days		>28 days - ≤6 months	
		Exposure		Exposure	
		No	Yes	No	Yes
		n(%)	n(%)	n(%)	n(%)
Sex	Female	887 (17.5)	179 (17.7)	1329 (16.9)	281 (17.9)
	Male	4178 (82.5)	834 (82.3)	6531 (83.1)	1291 (82.1)
Race	White	955 (18.9)	194 (19.2)	1788 (22.8)	364 (23.2)
	Black	308 (6.1)	60 (5.9)	420 (5.3)	73 (4.6)
	Hispanic	3735 (73.7)	745 (73.5)	5467 (69.6)	1098 (69.9)
	Other	67 (1.3)	14 (1.4)	185 (2.4)	37 (2.4)
Income Based on ZIP Code of Residence (quartile)	Quartile 1	1285 (25.4)	259 (25.6)	2202 (28)	436 (27.7)
	Quartile 2	1508 (29.8)	299 (29.5)	1945 (24.8)	402 (25.6)
	Quartile 3	1225 (24.2)	243 (24)	1936 (24.6)	379 (24.1)
	Quartile 4	1047 (20.7)	212 (20.9)	1777 (22.6)	355 (22.6)
Number of Outpatient Visits (quartile)	Quartile 1	1629 (32.2)	324 (32)	0 (0)	0 (0)
	Quartile 2	1867 (36.9)	372 (36.7)	1244 (15.8)	241 (15.3)
	Quartile 3	1000 (19.7)	205 (20.2)	1888 (24)	373 (23.7)
	Quartile 4	569 (11.2)	112 (11.1)	4728 (60.2)	958 (60.9)
Total Number of Inpatient Stays (n)	0	0 (0)	0 (0)	0 (0)	0 (0)
	1	4946 (97.7)	985 (97.2)	7484 (95.2)	1490 (94.8)
	2	114 (2.3)	27 (2.7)	366 (4.7)	79 (5)
	3 or more	___ᵃ	___ᵃ	___ᵃ	___ᵃ
<36 Weeks Gestational Age	No	4950 (97.7)	991 (97.8)	7440 (94.7)	1494 (95)
	Yes	115 (2.3)	22 (2.2)	420 (5.3)	78 (5)
Low Birth Weight (<2500g and ≥1500g)	No	4991 (98.5)	999 (98.6)	7593 (96.6)	1520 (96.7)
	Yes	74 (1.5)	14 (1.4)	267 (3.4)	52 (3.3)
Very Low Birth Weight (<1500g and ≥1000g)	No	5063 (100)	1012 (99.9)	7850 (99.9)	1568 (99.8)
	Yes	___ᵃ	___ᵃ	___ᵃ	___ᵃ
Extremely Low Birth Weight (<1000g)	No	5065 (100)	1013 (100)	7856 (100)	1571 (99.9)
	Yes	0 (0)	0 (0)	___ᵃ	___ᵃ
Chromosomal Anomalies	No	5062 (99.9)	1012 (99.9)	7860 (100)	1572 (100)
	Yes	___ᵃ	___ᵃ	0 (0)	0 (0)
Congenital Anomalies of the Heart and Circulatory System	No	4913 (97)	982 (96.9)	7565 (96.3)	1513 (96.3)
	Yes	152 (3)	31 (3.1)	295 (3.8)	59 (3.8)
Congenital Anomalies of the Central Nervous System	No	5062 (99.9)	1011 (99.8)	7833 (99.7)	1564 (99.5)
	Yes	___ᵃ	___ᵃ	27 (0.3)	___ᵃ
Congenital Anomalies of the Eye	No	5014 (99)	1003 (99)	7844 (99.8)	1568 (99.8)
	Yes	51 (1)	___ᵃ	16 (0.2)	___ᵃ
Congenital Anomalies of the Genital Organs	No	5031 (99.3)	1005 (99.2)	7795 (99.2)	1563 (99.4)
	Yes	34 (0.7)	___ᵃ	65 (0.8)	___ᵃ
Congenital Anomalies of the Digestive System	No	5055 (99.8)	1010 (99.7)	7836 (99.7)	1567 (99.7)
	Yes	10 (0.2)	___ᵃ	24 (0.3)	___ᵃ
Congenital Musculoskeletal Deformities	No	4983 (98.4)	996 (98.3)	7808 (99.3)	1561 (99.3)
	Yes	82 (1.6)	17 (1.7)	52 (0.7)	11 (0.7)
Other Congenital Anomalies	No	5052 (99.7)	1009 (99.6)	7850 (99.9)	1570 (99.9)
	Yes	13 (0.3)	___ᵃ	___ᵃ	___ᵃ
Congenital Anomalies of the Respiratory System	No	5046 (99.6)	1009 (99.6)	7848 (99.9)	1568 (99.8)
	Yes	19 (0.4)	___ᵃ	12 (0.2)	___ᵃ
Congenital Anomalies of the Skin	No	5033 (99.4)	1006 (99.3)	7819 (99.5)	1564 (99.5)
	Yes	32 (0.6)	___ᵃ	41 (0.5)	___ᵃ
Congenital Anomalies of the Urinary System	No	5046 (99.6)	1009 (99.6)	7832 (99.6)	1568 (99.8)
	Yes	19 (0.4)	___ᵃ	28 (0.4)	___ᵃ
Intrauterine Hypoxia	No	4996 (98.6)	999 (98.6)	7761 (98.7)	1551 (98.7)
	Yes	69 (1.4)	14 (1.4)	99 (1.3)	21 (1.3)
Intrauterine Exposure to Noxious Agent	No	5031 (99.3)	1009 (99.6)	7798 (99.2)	1558 (99.1)
	Yes	34 (0.7)	___ᵃ	62 (0.8)	14 (0.9)

Condition	Status				
Intrauterine Placental Insufficiency	No	5024 (99.2)	1002 (98.9)	7765 (98.8)	1549 (98.5)
	Yes	41 (0.8)	11 (1.1)	95 (1.2)	23 (1.5)
Infectious Disease (Acute)	No	4826 (95.3)	964 (95.2)	6992 (89)	1396 (88.8)
	Yes	239 (4.7)	49 (4.8)	868 (11)	176 (11.2)
Neoplasm (Acute)	No	5058 (99.9)	1012 (99.9)	7827 (99.6)	1566 (99.6)
	Yes	___[a]	___[a]	33 (0.4)	___[a]
Endocrine, metabolic, and immunity disorders (Acute)	No	5054 (99.8)	1011 (99.8)	7733 (98.4)	1540 (98)
	Yes	11 (0.2)	___[a]	127 (1.6)	32 (2)
Diseases of blood and blood-forming organs (Acute)	No	5041 (99.5)	1010 (99.7)	7815 (99.4)	1559 (99.2)
	Yes	24 (0.5)	___[a]	45 (0.6)	13 (0.8)
Diseases of the nervous system and sense organs (Acute)	No	4912 (97)	982 (96.9)	7418 (94.4)	1477 (94)
	Yes	153 (3)	31 (3.1)	442 (5.6)	95 (6)
Diseases of the circulatory system (Acute)	No	5051 (99.7)	1010 (99.7)	7805 (99.3)	1562 (99.4)
	Yes	14 (0.3)	___[a]	55 (0.7)	___[a]
Diseases of the respiratory system (Acute)	No	4632 (91.5)	923 (91.1)	6279 (79.9)	1237 (78.7)
	Yes	433 (8.6)	90 (8.9)	1581 (20.1)	335 (21.3)
Diseases of the digestive system (Acute)	No	4702 (92.8)	943 (93.1)	6562 (83.5)	1314 (83.6)
	Yes	363 (7.2)	70 (6.9)	1298 (16.5)	258 (16.4)
Diseases of the genitourinary system (Acute)	No	4630 (91.4)	928 (91.6)	7018 (89.3)	1400 (89.1)
	Yes	435 (8.6)	85 (8.4)	842 (10.7)	172 (10.9)
Diseases of the skin and subcutaneous tissue (Acute)	No	4898 (96.7)	978 (96.5)	7247 (92.2)	1441 (91.7)
	Yes	167 (3.3)	35 (3.5)	613 (7.8)	131 (8.3)
Diseases of the musculoskeletal system (Acute)	No	5031 (99.3)	1005 (99.2)	7820 (99.5)	1565 (99.6)
	Yes	34 (0.7)	___[a]	40 (0.5)	___[a]
Congenital anomalies	No	4696 (92.7)	934 (92.2)	7306 (93)	1462 (93)
	Yes	369 (7.3)	79 (7.8)	554 (7.1)	110 (7)
Certain conditions originating in the perinatal period (Acute)	No	2522 (49.8)	501 (49.5)	3627 (46.2)	728 (46.3)
	Yes	2543 (50.2)	512 (50.5)	4233 (53.9)	844 (53.7)
Injury and poisoning (Acute)	No	4984 (98.4)	996 (98.3)	7713 (98.1)	1539 (97.9)
	Yes	81 (1.6)	17 (1.7)	147 (1.9)	33 (2.1)
Infectious Disease (Chronic)	No	5065 (100)	1013 (100)	7860 (100)	1572 (100)
	Yes	0 (0)	0 (0)	0 (0)	0 (0)
Neoplasm (Chronic)	No	5065 (100)	1013 (100)	7856 (100)	1571 (99.9)
	Yes	0 (0)	0 (0)	___[a]	___[a]
Endocrine, metabolic, and immunity disorders (Chronic)	No	4941 (97.6)	989 (97.6)	7674 (97.6)	1531 (97.4)
	Yes	124 (2.5)	24 (2.4)	186 (2.4)	41 (2.6)
Diseases of blood and blood-forming organs (Chronic)	No	5042 (99.6)	1008 (99.5)	7813 (99.4)	1562 (99.4)
	Yes	23 (0.5)	___[a]	47 (0.6)	___[a]
Diseases of the nervous system and sense organs (Chronic)	No	5037 (99.5)	1006 (99.3)	7726 (98.3)	1545 (98.3)
	Yes	28 (0.6)	___[a]	134 (1.7)	27 (1.7)
Diseases of the circulatory system (Chronic)	No	5041 (99.5)	1007 (99.4)	7799 (99.2)	1556 (99)
	Yes	24 (0.5)	___[a]	61 (0.8)	16 (1)
Diseases of the respiratory system (Chronic)	No	5017 (99.1)	1002 (98.9)	7635 (97.1)	1526 (97.1)
	Yes	48 (1)	11 (1.1)	225 (2.9)	46 (2.9)
Diseases of the digestive system (Chronic)	No	4541 (89.7)	906 (89.4)	6209 (79)	1241 (78.9)
	Yes	524 (10.4)	107 (10.6)	1651 (21)	331 (21.1)
Diseases of the genitourinary system (Chronic)	No	5059 (99.9)	1012 (99.9)	7831 (99.6)	1565 (99.6)
	Yes	___[a]	___[a]	29 (0.4)	___[a]
Diseases of the skin and subcutaneous tissue (Chronic)	No	5063 (100)	1012 (99.9)	7799 (99.2)	1556 (99)
	Yes	___[a]	___[a]	61 (0.8)	16 (1)
Diseases of the musculoskeletal system (Chronic)	No	5062 (99.9)	1012 (99.9)	7860 (100)	1572 (100)
	Yes	___[a]	___[a]	0 (0)	0 (0)
Certain conditions originating in the perinatal period (Chronic)	No	5046 (99.6)	1011 (99.8)	7820 (99.5)	1563 (99.4)
	Yes	19 (0.4)	___[a]	40 (0.5)	___[a]
Injury and poisoning (Chronic)	No	5065 (100)	1013 (100)	7860 (100)	1572 (100)
	Yes	0 (0)	0 (0)	0 (0)	0 (0)

[a] These data are not presented as the report of data for any subgroup with 10 or fewer subjects is prohibited by the Centers for Medicare & Medicaid Services data use agreement.

Table 6: Characteristics of TX Inguinal Hernia Matched Cohorts by Age at Exposure

All cells show n(%). Columns are grouped by Age at Exposure; each group has Exposure "No" and "Yes". [a] denotes a suppressed footnoted value.

Characteristic	Subgroup	>Birth–≤28d No	>Birth–≤28d Yes	>28d–≤6mo No	>28d–≤6mo Yes	>6mo–≤1yr No	>6mo–≤1yr Yes	>1–≤1.5yr No	>1–≤1.5yr Yes	>1.5–≤2yr No	>1.5–≤2yr Yes	>2–≤2.5yr No	>2–≤2.5yr Yes	>2.5–≤3yr No	>2.5–≤3yr Yes	>3–≤3.5yr No	>3–≤3.5yr Yes	>3.5–≤4yr No	>3.5–≤4yr Yes	>4–≤4.5yr No	>4–≤4.5yr Yes	>4.5–≤5yr No	>4.5–≤5yr Yes
Sex	Female	28 (25.5)	[a]	902 (15.9)	190 (16.7)	297 (14.7)	59 (14.6)	165 (10.7)	31 (10)	62 (6.6)	15 (8)	94 (16.9)	16 (14.4)	84 (26.7)	15 (23.8)	132 (27.8)	24 (25.3)	87 (32.8)	15 (28.3)	126 (49.4)	24 (47.1)	69 (32.9)	13 (31)
	Male	82 (74.6)	18 (81.8)	4783 (84.1)	947 (83.3)	1728 (85.3)	346 (85.4)	1380 (89.3)	278 (90)	873 (93.4)	172 (92)	461 (83.1)	95 (85.6)	231 (73.3)	48 (76.2)	343 (72.2)	71 (74.7)	178 (67.2)	38 (71.7)	129 (50.6)	27 (52.9)	141 (67.1)	29 (69.1)
Race	White	20 (18.2)	[a]	1497 (26.3)	308 (27.1)	529 (26.1)	102 (25.2)	477 (30.9)	87 (28.2)	268 (28.7)	50 (26.7)	170 (30.6)	34 (30.6)	84 (26.7)	16 (25.4)	95 (20)	16 (16.8)	57 (21.5)	[a]	29 (11.4)	[a]	14 (6.7)	[a]
	Black	57 (51.8)	[a]	1284 (22.6)	238 (20.9)	569 (28.1)	99 (24.4)	329 (21.3)	72 (23.3)	221 (23.6)	41 (21.9)	80 (14.4)	16 (14.4)	28 (8.9)	[a]	40 (8.4)	10 (10.5)	39 (14.7)	8 (15.1)	30 (11.8)	[a]	50 (23.8)	[a]
	Hispanic	33 (30)	[a]	2711 (47.7)	550 (48.4)	866 (42.8)	187 (46.2)	659 (42.7)	131 (42.4)	416 (44.5)	89 (47.6)	267 (48.1)	54 (48.7)	197 (62.5)	38 (60.3)	334 (70.3)	68 (71.6)	166 (62.6)	34 (64.2)	188 (73.7)	37 (72.6)	146 (69.5)	29 (69.1)
	Other	0 (0)	0 (0)	193 (3.4)	41 (3.6)	61 (3)	17 (4.2)	80 (5.2)	19 (6.2)	30 (3.2)	[a]	38 (6.9)	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	0 (0)	0 (0)
Income Based on ZIP Code of Residence (quartile)	Quartile 1	29 (26.4)	[a]	1338 (23.5)	271 (23.8)	416 (20.5)	82 (20.3)	335 (21.7)	67 (21.7)	192 (20.5)	43 (23)	157 (28.3)	27 (24.3)	115 (36.5)	22 (34.9)	133 (28)	27 (28.4)	50 (18.9)	13 (24.5)	75 (29.4)	15 (29.4)	76 (36.2)	15 (35.7)
	Quartile 2	31 (28.2)	[a]	1379 (24.3)	280 (24.6)	518 (25.6)	99 (24.4)	322 (20.8)	68 (22)	245 (26.2)	54 (28.9)	113 (20.4)	26 (23.4)	54 (17.1)	12 (19.1)	159 (33.5)	31 (32.6)	62 (23.4)	16 (30.2)	64 (25.1)	13 (25.5)	51 (24.3)	12 (28.6)
	Quartile 3	32 (29.1)	[a]	1477 (26)	295 (26)	575 (28.4)	117 (28.9)	540 (35)	94 (30.4)	222 (23.7)	40 (21.4)	137 (24.7)	27 (24.3)	102 (32.4)	19 (30.2)	114 (24)	25 (26.3)	85 (32.1)	13 (24.5)	59 (23.1)	13 (25.5)	35 (16.7)	[a]
	Quartile 4	18 (16.4)	[a]	1491 (26.2)	291 (25.6)	516 (25.5)	107 (26.4)	348 (22.5)	80 (25.9)	276 (29.5)	50 (26.7)	148 (26.7)	31 (27.9)	44 (14)	[a]	69 (14.5)	12 (12.6)	68 (25.7)	11 (20.8)	57 (22.4)	10 (19.6)	48 (22.9)	[a]
Number of Outpatient Visits (quartile)	Quartile 1	44 (40)	[a]	593 (10.4)	107 (9.4)	228 (11.3)	48 (11.9)	130 (8.4)	26 (8.4)	57 (6.1)	12 (6.4)	98 (17.7)	17 (15.3)	22 (7)	[a]	59 (12.4)	13 (13.7)	46 (17.4)	[a]	18 (7.1)	[a]	26 (12.4)	[a]
	Quartile 2	29 (26.4)	[a]	772 (13.6)	153 (13.5)	357 (17.6)	76 (18.8)	492 (31.8)	96 (31.1)	228 (24.4)	48 (25.7)	182 (32.8)	32 (28.8)	96 (30.5)	20 (31.8)	88 (18.5)	18 (19)	40 (15.1)	[a]	54 (21.2)	16 (31.4)	33 (15.7)	[a]
	Quartile 3	18 (16.4)	[a]	2014 (35.4)	398 (35)	516 (25.5)	101 (24.9)	372 (24.1)	73 (23.6)	282 (30.2)	47 (25.1)	108 (19.5)	27 (24.3)	69 (21.9)	14 (22.2)	129 (27.2)	28 (29.5)	64 (24.2)	15 (28.3)	74 (29)	14 (27.5)	76 (36.2)	13 (31)
	Quartile 4	19 (17.3)	[a]	2306 (40.6)	479 (42.1)	924 (45.6)	180 (44.4)	551 (35.7)	114 (36.9)	368 (39.4)	80 (42.8)	167 (30.1)	35 (31.5)	128 (40.6)	24 (38.1)	199 (41.9)	36 (37.9)	115 (43.4)	24 (45.3)	109 (42.8)	18 (35.3)	75 (35.7)	14 (33.3)
Total Number of Inpatient Stays (n)	0	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	1	110 (100)	22 (100)	4944 (87)	984 (86.5)	1606 (79.3)	321 (79.3)	1187 (76.8)	242 (78.3)	729 (78)	138 (73.8)	397 (71.5)	81 (73)	253 (80.3)	49 (77.8)	375 (79)	73 (76.8)	206 (77.7)	39 (73.6)	198 (77.7)	39 (76.5)	158 (75.2)	31 (73.8)
	2	0 (0)	0 (0)	655 (11.5)	133 (11.7)	327 (16.2)	65 (16.1)	268 (17.4)	48 (15.5)	135 (14.4)	32 (17.1)	147 (26.5)	27 (24.3)	47 (14.9)	11 (17.5)	68 (14.3)	15 (15.8)	15 (5.7)	[a]	35 (13.7)	[a]	39 (18.6)	[a]
	3 or more	0 (0)	0 (0)	86 (1.5)	20 (1.8)	92 (4.5)	19 (4.7)	90 (5.8)	19 (6.2)	71 (7.6)	17 (9.1)	11 (2)	[a]	15 (4.8)	[a]	32 (6.7)	[a]	44 (16.6)	[a]	22 (8.6)	[a]	13 (6.2)	[a]
<36 Weeks Gestational Age	No	96 (87.3)	19 (86.4)	4260 (74.9)	856 (75.3)	1646 (81.3)	330 (81.5)	1390 (90)	276 (89.3)	843 (90.2)	166 (88.8)	513 (92.4)	104 (93.7)	304 (96.5)	60 (95.2)	440 (92.6)	88 (92.6)	245 (92.5)	49 (92.5)	242 (94.9)	48 (94.1)	194 (92.4)	38 (90.5)
	Yes	14 (12.7)	[a]	1425 (25.1)	281 (24.7)	379 (18.7)	75 (18.5)	155 (10)	33 (10.7)	92 (9.8)	21 (11.2)	42 (7.6)	[a]	11 (3.5)	[a]	35 (7.4)	[a]	20 (7.6)	[a]	13 (5.1)	[a]	16 (7.6)	[a]
Low Birth Weight (<2500g and ≥1500g)	No	106 (96.4)	21 (95.5)	4523 (79.6)	918 (80.7)	1723 (85.1)	353 (87.2)	1415 (91.6)	281 (90.9)	860 (92)	172 (92)	503 (90.6)	103 (92.8)	301 (95.6)	60 (95.2)	444 (93.5)	89 (93.7)	232 (87.6)	48 (90.6)	237 (92.9)	47 (92.2)	200 (95.2)	39 (92.9)
	Yes	[a]	[a]	1162 (20.4)	219 (19.3)	302 (14.9)	52 (12.8)	130 (8.4)	28 (9.1)	75 (8)	15 (8)	52 (9.4)	[a]	14 (4.4)	[a]	31 (6.5)	[a]	33 (12.5)	[a]	18 (7.1)	[a]	[a]	[a]
Very Low Birth Weight (<1500g and ≥1000g)	No	110 (100)	22 (100)	5126 (90.2)	1020 (89.7)	1870 (92.4)	371 (91.6)	1491 (96.5)	298 (96.4)	915 (97.9)	183 (97.9)	539 (97.1)	107 (96.4)	315 (100)	63 (100)	472 (99.4)	94 (99)	265 (100)	53 (100)	255 (100)	51 (100)	210 (100)	42 (100)
	Yes	0 (0)	0 (0)	559 (9.8)	117 (10.3)	155 (7.7)	34 (8.4)	54 (3.5)	11 (3.6)	20 (2.1)	[a]	16 (2.9)	[a]	0 (0)	0 (0)	3 (0.6)	[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Extremely Low Birth Weight (<1000g)	No	100 (90.9)	21 (95.5)	5495 (96.7)	1085 (95.4)	1909 (94.3)	376 (92.8)	1492 (96.6)	297 (96.1)	929 (99.4)	186 (99.5)	555 (100)	111 (100)	315 (100)	63 (100)	475 (100)	95 (100)	263 (99.3)	52 (98.1)	255 (100)	51 (100)	210 (100)	42 (100)
	Yes	[a]	[a]	190 (3.3)	52 (4.6)	116 (5.7)	29 (7.2)	53 (3.4)	12 (3.9)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Chromosomal Anomalies	No	110 (100)	22 (100)	5680 (99.9)	1136 (99.9)	2025 (100)	405 (100)	1545 (100)	309 (100)	935 (100)	187 (100)	555 (100)	111 (100)	315 (100)	63 (100)	475 (100)	95 (100)	265 (100)	53 (100)	255 (100)	51 (100)	210 (100)	42 (100)
	Yes	0 (0)	0 (0)	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Heart and Circulatory System	No	110 (100)	22 (100)	5138 (90.4)	1018 (89.5)	1815 (89.6)	357 (88.2)	1455 (94.2)	287 (92.9)	886 (94.8)	173 (92.5)	517 (93.2)	104 (93.7)	299 (94.9)	61 (96.8)	457 (96.2)	91 (95.8)	241 (90.9)	47 (88.7)	246 (96.5)	48 (94.1)	201 (95.7)	40 (95.2)
	Yes	0 (0)	0 (0)	547 (9.6)	119 (10.5)	210 (10.4)	48 (11.9)	90 (5.8)	22 (7.1)	49 (5.2)	14 (7.5)	38 (6.9)	[a]	16 (5.1)	[a]	18 (3.8)	[a]	24 (9.1)	[a]	[a]	[a]	[a]	[a]
Congenital Anomalies of the Central Nervous System	No	110 (100)	22 (100)	5566 (97.9)	1112 (97.8)	1997 (98.6)	399 (98.5)	1544 (99.9)	308 (99.7)	924 (98.8)	183 (97.9)	555 (100)	111 (100)	315 (100)	63 (100)	475 (100)	95 (100)	265 (100)	53 (100)	255 (100)	51 (100)	210 (100)	42 (100)
	Yes	0 (0)	0 (0)	119 (2.1)	25 (2.2)	28 (1.4)	[a]	[a]	[a]	11 (1.2)	[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Eye	No	110 (100)	22 (100)	5644 (99.3)	1126 (99)	1987 (98.1)	400 (98.8)	1535 (99.4)	307 (99.4)	926 (99)	185 (98.9)	555 (100)	111 (100)	315 (100)	63 (100)	468 (98.5)	94 (99)	265 (100)	53 (100)	249 (97.7)	50 (98)	210 (100)	42 (100)
	Yes	0 (0)	0 (0)	41 (0.7)	11 (1)	38 (1.9)	[a]	[a]	[a]	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Genital Organs	No	104 (94.6)	20 (90.9)	5554 (97.7)	1111 (97.7)	1962 (96.9)	391 (96.5)	1539 (99.6)	307 (99.4)	933 (99.8)	186 (99.5)	551 (99.3)	110 (99.1)	311 (98.7)	62 (98.4)	466 (98.1)	92 (96.8)	259 (97.7)	52 (98.1)	245 (96.1)	48 (94.1)	205 (97.6)	40 (95.2)
	Yes	[a]	[a]	131 (2.3)	26 (2.3)	63 (3.1)	14 (3.5)	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]
Congenital Anomalies of the Digestive System	No	103 (93.6)	21 (95.5)	5635 (99.1)	1125 (98.9)	2013 (99.4)	401 (99)	1535 (99.4)	307 (99.4)	923 (98.7)	184 (98.4)	555 (100)	111 (100)	315 (100)	63 (100)	469 (98.7)	94 (99)	265 (100)	53 (100)	255 (100)	51 (100)	210 (100)	42 (100)
	Yes	[a]	[a]	50 (0.9)	12 (1.1)	12 (0.6)	[a]	[a]	[a]	12 (1.3)	[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Musculoskeletal Deformities	No	107 (97.3)	21 (95.5)	5560 (97.8)	1113 (97.9)	1965 (97)	394 (97.3)	1536 (99.4)	308 (99.7)	918 (98.2)	184 (98.4)	555 (100)	111 (100)	315 (100)	63 (100)	468 (98.5)	94 (99)	260 (98.1)	51 (96.2)	255 (100)	51 (100)	210 (100)	42 (100)
	Yes	[a]	[a]	125 (2.2)	24 (2.1)	60 (3)	11 (2.7)	[a]	[a]	17 (1.8)	[a]	0 (0)	0 (0)	0 (0)	0 (0)	[a]	[a]	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)
Other Congenital Anomalies	No	110 (100)	22 (100)	5645 (99.3)	1129 (99.3)	2025 (100)	405 (100)	1545 (100)	309 (100)	935 (100)	187 (100)	555 (100)	111 (100)	315 (100)	63 (100)	475 (100)	95 (100)	265 (100)	53 (100)	255 (100)	51 (100)	210 (100)	42 (100)
	Yes	0 (0)	0 (0)	40 (0.7)	[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Respiratory System	No	110 (100)	22 (100)	5661 (99.6)	1131 (99.5)	2020 (99.8)	404 (99.8)	1540 (99.7)	308 (99.7)	935 (100)	187 (100)	555 (100)	111 (100)	315 (100)	63 (100)	475 (100)	95 (100)	265 (100)	53 (100)	255 (100)	51 (100)	210 (100)	42 (100)
	Yes	0 (0)	0 (0)	24 (0.4)	[a]	[a]	[a]	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Skin	No	110 (100)	22 (100)	5620 (98.9)	1125 (98.9)	2010 (99.3)	401 (99)	1529 (99)	306 (99)	935 (100)	187 (100)	547 (98.6)	110 (99.1)	315 (100)	63 (100)	472 (99.4)	94 (99)	265 (100)	53 (100)	255 (100)	51 (100)	210 (100)	42 (100)
	Yes	0 (0)	0 (0)	65 (1.1)	12 (1.1)	15 (0.7)	[a]	16 (1)	[a]	[a]	[a]	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Urinary System	No	110 (100)	22 (100)	5602 (98.5)	1121 (98.6)	2002 (98.9)	400 (98.8)	1537 (99.5)	307 (99.4)	935 (100)	187 (100)	555 (100)	111 (100)	311 (98.7)	62 (98.4)	470 (99)	94 (99)	261 (98.5)	52 (98.1)	248 (97.3)	50 (98)	210 (100)	42 (100)
	Yes	0 (0)	0 (0)	83 (1.5)	16 (1.4)	23 (1.1)	[a]	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	0 (0)	0 (0)
Intrauterine Hypoxia	No	110 (100)	22 (100)	5630 (99)	1123 (98.8)	1991 (98.3)	396 (97.8)	1516 (98.1)	303 (98.1)	930 (99.5)	185 (98.9)	543 (97.8)	109 (98.2)	300 (95.2)	61 (96.8)	470 (99)	93 (97.9)	265 (100)	53 (100)	255 (100)	51 (100)	204 (97.1)	41 (97.6)
	Yes	0 (0)	0 (0)	55 (1)	14 (1.2)	34 (1.7)	[a]	29 (1.9)	[a]	[a]	[a]	12 (2.2)	[a]	15 (4.8)	[a]	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)	[a]	[a]
Intrauterine Exposure to Noxious Agent	No	110 (100)	22 (100)	5587 (98.3)	1114 (98)	2006 (99.1)	402 (99.3)	1530 (99)	306 (99)	933 (99.8)	186 (99.5)	541 (97.5)	109 (98.2)	314 (99.7)	62 (98.4)	475 (100)	95 (100)	254 (95.9)	51 (96.2)	250 (98)	50 (98)	210 (100)	42 (100)
	Yes	0 (0)	0 (0)	98 (1.7)	23 (2)	19 (0.9)	[a]	15 (1)	[a]	[a]	[a]	14 (2.5)	[a]	[a]	[a]	0 (0)	0 (0)	[a]	[a]	11 (4.2)	[a]	0 (0)	0 (0)

Condition	Status	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Intrauterine Placental Insufficiency	No	110 (100)	22 (100)	5610 (98.7)	1121 (98.6)	1991 (98.3)	395 (97.5)	1538 (99.6)	306 (99)	930 (99.5)	184 (98.4)	551 (99.3)	109 (98.2)	307 (97.5)	62 (98.4)	467 (98.3)	93 (97.9)	252 (95.1)	51 (96.2)	255 (100)	51 (100)	207 (98.6)	41 (97.6)
	Yes	0 (0)	0 (0)	75 (1.3)	16 (1.4)	34 (1.7)	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	13 (4.9)	—[a]	0 (0)	0 (0)	—[a]	—[a]
Infectious Disease (Acute)	No	110 (100)	22 (100)	4497 (79.1)	899 (79.1)	1149 (56.7)	234 (57.8)	826 (53.5)	158 (51.1)	432 (46.2)	87 (46.5)	279 (50.3)	51 (46)	157 (49.8)	30 (47.6)	177 (37.3)	35 (36.8)	48 (18.1)	—[a]	74 (29)	16 (31.4)	69 (32.9)	14 (33.3)
	Yes	0 (0)	0 (0)	1188 (20.9)	238 (20.9)	876 (43.3)	171 (42.2)	719 (46.5)	151 (48.9)	503 (53.8)	100 (53.5)	276 (49.7)	60 (54.1)	158 (50.2)	33 (52.4)	298 (62.7)	60 (63.2)	217 (81.9)	44 (83)	181 (71)	35 (68.6)	141 (67.1)	28 (66.7)
Neoplasm (Acute)	No	110 (100)	22 (100)	5629 (99)	1128 (99.2)	2007 (99.1)	400 (98.8)	1539 (99.6)	307 (99.4)	910 (97.3)	183 (97.9)	555 (100)	111 (100)	306 (97.1)	60 (95.2)	444 (93.5)	90 (94.7)	265 (100)	53 (100)	250 (98)	50 (98)	198 (94.3)	40 (95.2)
	Yes	0 (0)	0 (0)	56 (1)	—[a]	18 (0.9)	—[a]	—[a]	—[a]	25 (2.7)	—[a]	0 (0)	0 (0)	—[a]	—[a]	31 (6.5)	—[a]	0 (0)	0 (0)	—[a]	—[a]	12 (5.7)	—[a]
Endocrine, metabolic, and immunity disorders (Acute)	No	110 (100)	22 (100)	5453 (95.9)	1084 (95.3)	1869 (92.3)	371 (91.6)	1436 (92.9)	284 (91.9)	866 (92.6)	170 (90.9)	513 (92.4)	101 (91)	297 (94.3)	59 (93.7)	427 (89.9)	85 (89.5)	211 (79.6)	42 (79.3)	214 (83.9)	43 (84.3)	200 (95.2)	39 (92.9)
	Yes	0 (0)	0 (0)	232 (4.1)	53 (4.7)	156 (7.7)	34 (8.4)	109 (7.1)	25 (8.1)	69 (7.4)	17 (9.1)	42 (7.6)	—[a]	18 (5.7)	—[a]	48 (10.1)	—[a]	54 (20.4)	11 (20.8)	41 (16.1)			
Diseases of blood and blood-forming organs (Acute)	No	110 (100)	22 (100)	5529 (97.3)	1103 (97)	1925 (95.1)	384 (94.8)	1454 (94.1)	287 (92.9)	879 (94)	173 (92.5)	496 (89.4)	99 (89.2)	280 (88.9)	57 (90.5)	393 (82.7)	79 (83.2)	239 (90.2)	47 (88.7)	174 (68.2)	38 (74.5)	173 (82.4)	36 (85.7)
	Yes	0 (0)	0 (0)	156 (2.7)	34 (3)	100 (4.9)	21 (5.2)	91 (5.9)	22 (7.1)	56 (6)	14 (7.5)	59 (10.6)	12 (10.8)	35 (11.1)	—[a]	82 (17.3)	16 (16.8)	26 (9.8)	—[a]	81 (31.8)	13 (25.5)	37 (17.6)	
Diseases of the nervous system and sense organs (Acute)	No	110 (100)	22 (100)	4983 (87.7)	996 (87.6)	1220 (60.3)	250 (61.7)	553 (35.8)	121 (39.2)	225 (24.1)	48 (25.7)	209 (37.7)	38 (34.2)	64 (20.3)	14 (22.2)	99 (20.8)	23 (24.2)	47 (17.7)	—[a]	62 (24.3)	13 (25.5)	27 (12.9)	—[a]
	Yes	0 (0)	0 (0)	702 (12.4)	141 (12.4)	805 (39.8)	155 (38.3)	992 (64.2)	188 (60.8)	710 (75.9)	139 (74.3)	346 (62.3)	73 (65.8)	251 (79.7)	49 (77.8)	376 (79.2)	72 (75.8)	218 (82.3)	44 (83)	193 (75.7)	38 (74.5)	183 (87.1)	36 (85.7)
Diseases of the circulatory system (Acute)	No	110 (100)	22 (100)	5612 (98.7)	1121 (98.6)	2010 (99.3)	400 (98.8)	1524 (98.6)	303 (98.1)	924 (98.8)	183 (97.9)	545 (98.2)	109 (98.2)	315 (100)	63 (100)	475 (100)	95 (100)	256 (96.6)	51 (96.2)	255 (100)	51 (100)	210 (100)	42 (100)
	Yes	0 (0)	0 (0)	73 (1.3)	16 (1.4)	15 (0.7)	—[a]	21 (1.4)	—[a]	11 (1.2)	—[a]	—[a]	—[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Diseases of the respiratory system (Acute)	No	93 (84.6)	18 (81.8)	3423 (60.2)	677 (59.5)	428 (21.1)	92 (22.7)	264 (17.1)	61 (19.7)	66 (7.1)	17 (9.1)	71 (12.8)	17 (15.3)	0 (0)	0 (0)	35 (7.4)	—[a]	34 (12.8)	—[a]	15 (5.9)	—[a]	20 (9.5)	—[a]
	Yes	17 (15.5)	—[a]	2262 (39.8)	460 (40.5)	1597 (78.9)	313 (77.3)	1281 (82.9)	248 (80.3)	869 (92.9)	170 (90.9)	484 (87.2)	94 (84.7)	315 (100)	63 (100)	440 (92.6)	88 (92.6)	231 (87.2)	48 (90.6)	240 (94.1)	47 (92.2)	190 (90.5)	38 (90.5)
Diseases of the digestive system (Acute)	No	98 (89.1)	19 (86.4)	4104 (72.2)	825 (72.6)	1252 (61.8)	246 (60.7)	868 (56.2)	177 (57.3)	460 (49.2)	92 (49.2)	282 (50.8)	58 (52.3)	144 (45.7)	30 (47.6)	148 (31.2)	30 (31.6)	108 (40.8)	19 (35.9)	87 (34.1)	19 (37.3)	61 (29.1)	14 (33.3)
	Yes	12 (10.9)	—[a]	1581 (27.8)	312 (27.4)	773 (38.2)	159 (39.3)	677 (43.8)	132 (42.7)	475 (50.8)	95 (50.8)	273 (49.2)	53 (47.8)	171 (54.3)	33 (52.4)	327 (68.8)	65 (68.4)	157 (59.3)	34 (64.2)	168 (65.9)	32 (62.8)	149 (71)	28 (66.7)
Diseases of the genitourinary system (Acute)	No	84 (76.4)	16 (72.7)	4259 (74.9)	872 (76.7)	1340 (66.2)	273 (67.4)	841 (54.4)	174 (56.3)	564 (60.3)	110 (58.8)	333 (60)	65 (58.6)	180 (57.1)	36 (57.1)	233 (49.1)	49 (51.6)	146 (55.1)	30 (56.6)	159 (62.4)	31 (60.8)	105 (50)	21 (50)
	Yes	26 (23.6)	—[a]	1426 (25.1)	265 (23.3)	685 (33.8)	132 (32.6)	704 (45.6)	135 (43.7)	371 (39.7)	77 (41.2)	222 (40)	46 (41.4)	135 (42.9)	27 (42.9)	242 (51)	46 (48.4)	119 (44.9)	23 (43.4)	96 (37.7)	20 (39.2)	105 (50)	21 (50)
Diseases of the skin and subcutaneous tissue (Acute)	No	97 (88.2)	19 (86.4)	4864 (85.6)	981 (86.3)	1512 (74.7)	304 (75.1)	884 (57.2)	188 (60.8)	550 (58.8)	106 (56.7)	349 (62.9)	68 (61.3)	136 (43.2)	30 (47.6)	232 (48.8)	52 (54.7)	138 (52.1)	26 (49.1)	123 (48.2)	23 (45.1)	95 (45.2)	20 (47.6)
	Yes	13 (11.8)	—[a]	821 (14.4)	156 (13.7)	513 (25.3)	101 (24.9)	661 (42.8)	121 (39.2)	385 (41.2)	81 (43.3)	206 (37.1)	43 (38.7)	179 (56.8)	33 (52.4)	243 (51.2)	43 (45.3)	127 (47.9)	27 (50.9)	132 (51.8)	28 (54.9)	115 (54.8)	22 (52.4)
Diseases of the musculoskeletal system (Acute)	No	96 (87.3)	20 (90.9)	5570 (98)	1111 (97.7)	1965 (97)	388 (95.8)	1512 (97.9)	300 (97.1)	854 (91.3)	170 (90.9)	505 (91)	101 (91)	294 (93.3)	58 (92.1)	428 (90.1)	86 (90.5)	235 (88.7)	46 (86.8)	231 (90.6)	46 (90.2)	146 (69.5)	30 (71.4)
	Yes	14 (12.7)	—[a]	115 (2)	26 (2.3)	60 (3)	17 (4.2)	33 (2.1)	—[a]	81 (8.7)	17 (9.1)	50 (9)	—[a]	21 (6.7)	—[a]	47 (9.9)	—[a]	30 (11.3)	—[a]	24 (9.4)	—[a]	64 (30.5)	12 (28.6)
Congenital anomalies	No	98 (89.1)	19 (86.4)	4534 (79.8)	896 (78.8)	1540 (76.1)	303 (74.8)	1291 (83.6)	254 (82.2)	787 (84.2)	154 (82.4)	474 (85.4)	95 (85.6)	269 (85.4)	54 (85.7)	378 (79.6)	74 (77.9)	212 (80)	40 (75.5)	203 (79.6)	38 (74.5)	167 (79.5)	32 (76.2)
	Yes	12 (10.9)	—[a]	1151 (20.3)	241 (21.2)	485 (24)	102 (25.2)	254 (16.4)	55 (17.8)	148 (15.8)	33 (17.7)	81 (14.6)	16 (14.4)	46 (14.6)	—[a]	97 (20.4)	21 (22.1)	53 (20)	13 (24.5)	52 (20.4)	13 (25.5)	43 (20.5)	
Certain conditions originating in the perinatal period (Acute)	No	63 (57.3)	12 (54.6)	1754 (30.9)	351 (30.9)	619 (30.6)	125 (30.9)	600 (38.8)	113 (36.6)	318 (34)	56 (30)	238 (42.9)	47 (42.3)	117 (37.1)	27 (42.9)	202 (42.5)	41 (43.2)	78 (29.4)	18 (34)	140 (54.9)	28 (54.9)	89 (42.4)	18 (42.9)
	Yes	47 (42.7)	—[a]	3931 (69.2)	786 (69.1)	1406 (69.4)	280 (69.1)	945 (61.2)	196 (63.4)	617 (66)	131 (70.1)	317 (57.1)	64 (57.7)	198 (62.9)	36 (57.1)	273 (57.5)	54 (56.8)	187 (70.6)	35 (66)	115 (45.1)	23 (45.1)	121 (57.6)	24 (57.1)
Injury and poisoning (Acute)	No	110 (100)	22 (100)	5424 (95.4)	1078 (94.8)	1780 (87.9)	354 (87.4)	1166 (75.5)	236 (76.4)	627 (67.1)	123 (65.8)	360 (64.9)	76 (68.5)	129 (41)	30 (47.6)	255 (53.7)	51 (53.7)	132 (49.8)	28 (52.9)	88 (34.5)	22 (43.1)	87 (41.4)	19 (45.2)
	Yes	0 (0)	0 (0)	261 (4.6)	59 (5.2)	245 (12.1)	51 (12.6)	379 (24.5)	73 (23.6)	308 (32.9)	64 (34.2)	195 (35.1)	35 (31.5)	186 (59.1)	33 (52.4)	220 (46.3)	44 (46.3)	133 (50.2)	25 (47.2)	167 (65.5)	29 (56.9)	123 (58.6)	23 (54.8)
Infectious Disease (Chronic)	No	110 (100)	22 (100)	5685 (100)	1137 (100)	2021 (99.8)	404 (99.8)	1545 (100)	309 (100)	935 (100)	187 (100)	555 (100)	111 (100)	315 (100)	63 (100)	475 (100)	95 (100)	261 (98.5)	52 (98.1)	255 (100)	51 (100)	210 (100)	42 (100)
	Yes	0 (0)	0 (0)	0 (0)	0 (0)	—[a]	—[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	—[a]	—[a]	0 (0)	0 (0)	0 (0)	0 (0)
Neoplasm (Chronic)	No	110 (100)	22 (100)	5684 (100)	1136 (99.9)	2016 (99.6)	403 (99.5)	1545 (100)	309 (100)	935 (100)	187 (100)	555 (100)	111 (100)	315 (100)	63 (100)	475 (100)	95 (100)	265 (100)	53 (100)	255 (100)	51 (100)	210 (100)	42 (100)
	Yes	0 (0)	0 (0)	—[a]	—[a]	—[a]	—[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Endocrine, metabolic, and immunity disorders (Chronic)	No	110 (100)	22 (100)	5462 (96.1)	1085 (95.4)	1916 (94.6)	379 (93.6)	1490 (96.4)	295 (95.5)	899 (96.2)	177 (94.7)	536 (96.6)	106 (95.5)	298 (94.6)	58 (92.1)	456 (96)	90 (94.7)	250 (94.3)	50 (94.3)	251 (98.4)	50 (98)	198 (94.3)	39 (92.9)
	Yes	0 (0)	0 (0)	223 (3.9)	52 (4.6)	109 (5.4)	26 (6.4)	55 (3.6)	14 (4.5)	36 (3.9)	—[a]	19 (3.4)	—[a]	17 (5.4)	—[a]	19 (4)	—[a]	15 (5.7)	—[a]	—[a]	—[a]	12 (5.7)	
Diseases of blood and blood-forming organs (Chronic)	No	110 (100)	22 (100)	5580 (98.2)	1112 (97.8)	1947 (96.2)	390 (96.3)	1491 (96.5)	296 (95.8)	892 (95.4)	177 (94.7)	511 (92.1)	105 (94.6)	312 (99.1)	62 (98.4)	459 (96.6)	93 (97.9)	255 (96.2)	51 (96.2)	205 (80.4)	43 (84.3)	210 (100)	42 (100)
	Yes	0 (0)	0 (0)	105 (1.9)	25 (2.2)	78 (3.9)	15 (3.7)	54 (3.5)	13 (4.2)	43 (4.6)	—[a]	44 (7.9)	—[a]	—[a]	—[a]	16 (3.4)	—[a]	—[a]	—[a]	50 (19.6)	—[a]	—[a]	
Diseases of the nervous system and sense organs (Chronic)	No	110 (100)	22 (100)	4935 (86.8)	975 (85.8)	1708 (84.4)	339 (83.7)	1392 (90.1)	277 (89.6)	781 (83.5)	158 (84.5)	497 (89.6)	100 (90.1)	291 (92.4)	57 (90.5)	448 (94.3)	88 (92.6)	222 (83.8)	45 (84.9)	237 (92.9)	47 (92.2)	186 (88.6)	37 (88.1)
	Yes	0 (0)	0 (0)	750 (13.2)	162 (14.3)	317 (15.7)	66 (16.3)	153 (9.9)	32 (10.4)	154 (16.5)	29 (15.5)	58 (10.5)	11 (9.9)	24 (7.6)	—[a]	27 (5.7)	—[a]	43 (16.2)	—[a]	18 (7.1)	—[a]	24 (11.4)	5 (11.9)
Diseases of the circulatory system (Chronic)	No	110 (100)	22 (100)	5441 (95.7)	1083 (95.3)	1921 (94.9)	379 (93.6)	1508 (97.6)	301 (97.4)	904 (96.7)	181 (96.8)	536 (96.6)	107 (96.4)	312 (99.1)	62 (98.4)	461 (97.1)	92 (96.8)	258 (97.4)	51 (96.2)	242 (94.9)	48 (94.1)	196 (93.3)	40 (95.2)
	Yes	0 (0)	0 (0)	244 (4.3)	54 (4.8)	104 (5.1)	26 (6.4)	37 (2.4)	—[a]	31 (3.3)	—[a]	19 (3.4)	—[a]	—[a]	—[a]	14 (3)	—[a]	—[a]	—[a]	13 (5.1)	—[a]	14 (6.7)	
Diseases of the respiratory system (Chronic)	No	110 (100)	22 (100)	5322 (93.6)	1054 (92.7)	1599 (79)	319 (78.8)	1074 (69.5)	217 (70.2)	613 (65.6)	121 (64.7)	323 (58.2)	68 (61.3)	173 (54.9)	37 (58.7)	257 (54.1)	55 (57.9)	130 (49.1)	23 (43.4)	121 (47.5)	26 (51)	111 (52.9)	24 (57.1)
	Yes	0 (0)	0 (0)	363 (6.4)	83 (7.3)	426 (21)	86 (21.2)	471 (30.5)	92 (29.8)	322 (34.4)	66 (35.3)	232 (41.8)	43 (38.7)	142 (45.1)	26 (41.3)	218 (45.9)	40 (42.1)	135 (50.9)	30 (56.6)	134 (52.6)	25 (49)	99 (47.1)	18 (42.9)
Diseases of the digestive system (Chronic)	No	110 (100)	22 (100)	5069 (89.2)	1005 (88.4)	1674 (82.7)	329 (81.2)	1341 (86.8)	266 (86.1)	812 (86.8)	162 (86.6)	503 (90.6)	102 (91.9)	294 (93.3)	56 (88.9)	418 (88)	82 (86.3)	232 (87.6)	46 (86.8)	227 (89)	44 (86.3)	162 (77.1)	34 (81)
	Yes	0 (0)	0 (0)	616 (10.8)	132 (11.6)	351 (17.3)	76 (18.8)	204 (13.2)	43 (13.9)	123 (13.2)	25 (13.4)	52 (9.4)	—[a]	21 (6.7)	—[a]	57 (12)	13 (13.7)	33 (12.5)	—[a]	28 (11)	—[a]	48 (22.9)	
Diseases of the genitourinary system (Chronic)	No	110 (100)	22 (100)	5633 (99.1)	1126 (99)	2002 (98.9)	399 (98.5)	1510 (97.7)	303 (98.1)	932 (99.7)	186 (99.5)	539 (97.1)	107 (96.4)	308 (97.8)	62 (98.4)	458 (96.4)	91 (95.8)	250 (94.3)	51 (96.2)	235 (92.2)	46 (90.2)	199 (94.8)	40 (95.2)
	Yes	0 (0)	0 (0)	52 (0.9)	11 (1)	23 (1.1)	—[a]	35 (2.3)	—[a]	—[a]	—[a]	16 (2.9)	—[a]	—[a]	—[a]	17 (3.6)	—[a]	15 (5.7)	—[a]	20 (7.8)	—[a]	11 (5.2)	
Diseases of the skin and subcutaneous tissue (Chronic)	No	110 (100)	22 (100)	5579 (98.1)	1113 (97.9)	1930 (95.3)	387 (95.6)	1436 (92.9)	288 (93.2)	859 (91.9)	169 (90.4)	535 (96.4)	104 (93.7)	288 (91.4)	56 (88.9)	448 (94.3)	88 (92.6)	252 (95.1)	48 (90.6)	241 (94.5)	48 (94.1)	193 (91.9)	39 (92.9)
	Yes	0 (0)	0 (0)	106 (1.9)	24 (2.1)	95 (4.7)	18 (4.4)	109 (7.1)	21 (6.8)	76 (8.1)	18 (9.6)	20 (3.6)	—[a]	27 (8.6)	—[a]	27 (5.7)	—[a]	13 (4.9)	—[a]	14 (5.5)	—[a]	17 (8.1)	
Diseases of the musculoskeletal system (Chronic)	No	110 (100)	22 (100)	5675 (99.8)	1135 (99.8)	2025 (100)	405 (100)	1545 (100)	309 (100)	927 (99.1)	186 (99.5)	555 (100)	111 (100)	312 (99.1)	62 (98.4)	472 (99.4)	94 (99)	257 (97)	52 (98.1)	255 (100)	51 (100)	210 (100)	42 (100)
	Yes	0 (0)	0 (0)	—[a]	—[a]	0 (0)	0 (0)	0 (0)	0 (0)	—[a]	—[a]	0 (0)	0 (0)	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	0 (0)	0 (0)	0 (0)	0 (0)
Certain conditions originating in the perinatal period (Chronic)	No	110 (100)	22 (100)	5621 (98.9)	1122 (98.7)	2016 (99.6)	404 (99.8)	1541 (99.7)	308 (99.7)	935 (100)	187 (100)	542 (97.7)	109 (98.2)	315 (100)	63 (100)	475 (100)	95 (100)	252 (95.1)	51 (96.2)	249 (97.7)	50 (98)	210 (100)	42 (100)
	Yes	0 (0)	0 (0)	64 (1.1)	15 (1.3)	—[a]	—[a]	—[a]	—[a]	0 (0)	0 (0)	13 (2.3)	—[a]	0 (0)	0 (0)	0 (0)	0 (0)	13 (4.9)	—[a]	—[a]	—[a]	0 (0)	0 (0)
Injury and poisoning (Chronic)	No	110 (100)	22 (100)	5685 (100)	1137 (100)	2025 (100)	405 (100)	1545 (100)	309 (100)	935 (100)	187 (100)	555 (100)	111 (100)	315 (100)	63 (100)	456 (96)	92 (96.8)	265 (100)	53 (100)	255 (100)	51 (100)	210 (100)	42 (100)
	Yes	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	19 (4)	—[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)

[a]These data are not presented as the report of data for any subgroup with 10 or fewer subjects is prohibited by the Centers for Medicare & Medicaid Services data use agreement.

Table 7: Characteristics of TX Circumcision Matched Cohorts by Age at Exposure

Characteristic		>28 days-≤6 months Exposure No	Yes	>6 months-≤1 yr No	Yes	>1 yr-≤1.5 yrs No	Yes	>1.5 yrs-≤2 yrs No	Yes	>2 yrs-≤2.5 yrs No	Yes	>2.5 yrs-≤3 yrs No	Yes	>3 yrs-≤3.5 yrs No	Yes	>3.5 yrs-≤4 yrs No	Yes	>4 yrs-≤4.5 yrs No	Yes	>4.5 yrs-≤5 yrs No	Yes
Sex	Female	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	Male	13540 (100)	2708 (100)	7930 (100)	1586 (100)	5405 (100)	1081 (100)	3025 (100)	605 (100)	2360 (100)	472 (100)	1700 (100)	340 (100)	1305 (100)	261 (100)	1065 (100)	213 (100)	800 (100)	160 (100)	500 (100)	100 (100)
Race	White	3508 (25.9)	700 (25.9)	1845 (23.3)	369 (23.3)	1132 (20.9)	219 (20.3)	411 (13.6)	87 (14.4)	373 (15.8)	71 (15)	201 (11.8)	43 (12.7)	81 (6.2)	16 (6.1)	59 (5.5)	15 (7)	51 (6.4)	[a]	45 (9)	10 (10)
	Black	3694 (27.3)	715 (26.4)	2286 (28.8)	436 (27.5)	1298 (24)	252 (23.3)	567 (18.7)	108 (17.9)	412 (17.5)	77 (16.3)	215 (12.7)	48 (14.1)	234 (17.9)	46 (17.6)	138 (13)	29 (13.6)	100 (12.5)	23 (14.4)	30 (6)	[a]
	Hispanic	5551 (41)	1137 (42)	3343 (42.2)	684 (43.1)	2683 (49.6)	556 (51.4)	1949 (64.4)	388 (64.1)	1534 (65)	313 (66.3)	1260 (74.1)	245 (72.1)	977 (74.9)	196 (75.1)	861 (80.9)	167 (78.4)	620 (77.5)	123 (76.9)	425 (85)	82 (82)
	Other	787 (5.8)	156 (5.8)	456 (5.8)	97 (6.1)	292 (5.4)	54 (5)	98 (3.2)	22 (3.6)	41 (1.7)	11 (2.3)	24 (1.4)	[a]	13 (1)	[a]	[a]	[a]	29 (3.6)	[a]	[a]	[a]
Income Based on ZIP Code of Residence (quartile)	Quartile 1	3471 (25.6)	722 (26.7)	2033 (25.6)	394 (24.8)	1638 (30.3)	318 (29.4)	1110 (36.7)	209 (34.6)	886 (37.5)	168 (35.6)	730 (42.9)	138 (40.6)	514 (39.4)	102 (39.1)	404 (37.9)	79 (37.1)	298 (37.3)	57 (35.6)	233 (46.6)	44 (44)
	Quartile 2	3378 (25)	660 (24.4)	1866 (23.5)	384 (24.2)	1287 (23.8)	275 (25.4)	753 (24.9)	152 (25.1)	546 (23.1)	115 (24.4)	451 (26.5)	93 (27.4)	353 (27.1)	70 (26.8)	298 (28)	58 (27.2)	251 (31.4)	53 (33.1)	126 (25.2)	28 (28)
	Quartile 3	2996 (22.1)	587 (21.7)	1789 (22.6)	359 (22.6)	1187 (22)	236 (21.8)	654 (21.6)	129 (21.3)	469 (19.9)	101 (21.4)	196 (11.5)	48 (14.1)	259 (19.9)	54 (20.7)	201 (18.9)	40 (18.8)	93 (11.6)	24 (15)	68 (13.6)	17 (17)
	Quartile 4	3695 (27.3)	739 (27.3)	2242 (28.3)	449 (28.3)	1293 (23.9)	252 (23.3)	508 (16.8)	115 (19)	459 (19.5)	88 (18.6)	323 (19)	61 (17.9)	179 (13.7)	35 (13.4)	162 (15.2)	36 (16.9)	158 (19.8)	26 (16.3)	73 (14.6)	11 (11)
Number of Outpatient Visits (quartile)	Quartile 1	1547 (11.4)	298 (11)	698 (8.8)	138 (8.7)	357 (6.6)	80 (7.4)	172 (5.7)	39 (6.5)	171 (7.3)	38 (8.1)	134 (7.9)	32 (9.4)	77 (5.9)	17 (6.5)	65 (6.1)	14 (6.6)	58 (7.3)	15 (9.4)	35 (7)	[a]
	Quartile 2	2632 (19.4)	515 (19)	1178 (14.9)	248 (15.6)	1231 (22.8)	234 (21.7)	545 (18)	112 (18.5)	515 (21.8)	99 (21)	318 (18.7)	62 (18.2)	288 (22.1)	59 (22.6)	232 (21.8)	43 (20.2)	143 (17.9)	28 (17.5)	118 (23.6)	24 (24)
	Quartile 3	2956 (21.8)	566 (20.9)	2885 (36.4)	572 (36.1)	1504 (27.8)	299 (27.7)	882 (29.2)	179 (29.6)	609 (25.8)	123 (26.1)	426 (25.1)	83 (24.4)	331 (25.4)	67 (25.7)	238 (22.4)	55 (25.8)	207 (25.9)	43 (26.9)	116 (23.2)	22 (22)
	Quartile 4	6405 (47.3)	1329 (49.1)	3169 (40)	628 (39.6)	2313 (42.8)	468 (43.3)	1426 (47.1)	275 (45.5)	1065 (45.1)	212 (44.9)	822 (48.4)	163 (47.9)	609 (46.7)	118 (45.2)	530 (49.8)	101 (47.4)	392 (49)	74 (46.3)	231 (46.2)	46 (46)
Total Number of Inpatient Stays (n)	0	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	1	12503 (92.3)	2482 (91.7)	6666 (84.1)	1321 (83.3)	4385 (81.1)	857 (79.3)	2226 (73.6)	454 (75)	1777 (75.3)	343 (72.7)	1313 (77.2)	256 (75.3)	976 (74.8)	193 (74)	727 (68.3)	143 (67.1)	520 (65)	107 (66.9)	349 (69.8)	69 (69)
	2	899 (6.6)	193 (7.1)	1048 (13.2)	214 (13.5)	759 (14)	163 (15.1)	506 (16.7)	93 (15.4)	432 (18.3)	98 (20.8)	303 (17.8)	64 (18.8)	225 (17.2)	45 (17.2)	220 (20.7)	45 (21.1)	178 (22.3)	35 (21.9)	97 (19.4)	22 (22)
	3 or more	138 (1)	33 (1.2)	216 (2.7)	51 (3.2)	261 (4.8)	61 (5.6)	293 (9.7)	58 (9.6)	151 (6.4)	31 (6.6)	84 (4.9)	20 (5.9)	104 (8)	23 (8.8)	118 (11.1)	25 (11.7)	102 (12.8)	18 (11.3)	54 (10.8)	[a]
<36 Weeks Gestational Age	No	12077 (89.2)	2399 (88.6)	6907 (87.1)	1367 (86.2)	4764 (88.1)	943 (87.2)	2765 (91.4)	544 (89.9)	2220 (94.1)	439 (93)	1582 (93.1)	312 (91.8)	1199 (91.9)	240 (92)	1026 (96.3)	205 (96.2)	759 (94.9)	153 (95.6)	478 (95.6)	96 (96)
	Yes	1463 (10.8)	309 (11.4)	1023 (12.9)	219 (13.8)	641 (11.9)	138 (12.8)	260 (8.6)	61 (10.1)	140 (5.9)	33 (7)	118 (6.9)	28 (8.2)	106 (8.1)	21 (8.1)	39 (3.7)	[a]	41 (5.1)	[a]	22 (4.4)	[a]
Low Birth Weight (<2500g and ≥1500g)	No	12375 (91.4)	2468 (91.1)	7069 (89.1)	1406 (88.7)	4927 (91.2)	979 (90.6)	2776 (91.8)	549 (90.7)	2230 (94.5)	442 (93.6)	1613 (94.9)	320 (94.1)	1212 (92.9)	241 (92.3)	1021 (95.9)	201 (94.4)	760 (95)	153 (95.6)	477 (95.4)	97 (97)
	Yes	1165 (8.6)	240 (8.9)	861 (10.9)	180 (11.4)	478 (8.8)	102 (9.4)	249 (8.2)	56 (9.3)	130 (5.5)	30 (6.4)	87 (5.1)	20 (5.9)	93 (7.1)	20 (7.7)	44 (4.1)	12 (5.6)	40 (5)	[a]	23 (4.6)	[a]
Very Low Birth Weight (<1500g and ≥1000g)	No	13416 (99.1)	2682 (99)	7791 (98.3)	1554 (98)	5304 (98.1)	1062 (98.2)	2991 (98.9)	595 (98.4)	2328 (98.6)	464 (98.3)	1674 (98.5)	335 (98.5)	1295 (99.2)	259 (99.2)	1054 (99)	212 (99.5)	791 (98.9)	157 (98.1)	500 (100)	100 (100)
	Yes	124 (0.9)	26 (1)	139 (1.8)	32 (2)	101 (1.9)	19 (1.8)	34 (1.1)	[a]	32 (1.4)	[a]	26 (1.5)	[a]	10 (0.8)	[a]	11 (1)	[a]	9 (1.1)	[a]	0 (0)	0 (0)
Extremely Low Birth Weight (<1000g)	No	13536 (100)	2706 (99.9)	7878 (99.3)	1577 (99.4)	5353 (99)	1068 (99.2)	3005 (99.3)	600 (99.2)	2346 (99.4)	469 (99.4)	1696 (99.8)	338 (99.4)	1299 (99.5)	260 (99.6)	1057 (99.3)	212 (99.5)	798 (99.8)	159 (99.4)	500 (100)	100 (100)
	Yes	[a]	[a]	52 (0.7)	[a]	52 (1)	13 (1.2)	20 (0.7)	[a]	14 (0.6)	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	0 (0)	0 (0)
Chromosomal Anomalies	No	13526 (99.9)	2704 (99.9)	7923 (99.9)	1584 (99.9)	5405 (100)	1081 (100)	3021 (99.9)	604 (99.8)	2360 (100)	472 (100)	1700 (100)	340 (100)	1305 (100)	261 (100)	1065 (100)	213 (100)	800 (100)	160 (100)	500 (100)	100 (100)
	Yes	14 (0.1)	[a]	[a]	[a]	0 (0)	0 (0)	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Heart and Circulatory System	No	12699 (93.8)	2530 (93.4)	7540 (95.1)	1493 (94.1)	5102 (94.4)	1019 (94.3)	2862 (94.6)	566 (93.6)	2203 (93.4)	437 (92.6)	1553 (91.4)	313 (92.1)	1245 (95.4)	247 (94.6)	1030 (96.7)	204 (95.8)	773 (96.6)	153 (95.6)	492 (98.4)	98 (98)
	Yes	841 (6.2)	178 (6.6)	390 (4.9)	93 (5.9)	303 (5.6)	62 (5.7)	163 (5.4)	39 (6.5)	157 (6.7)	35 (7.4)	147 (8.7)	27 (7.9)	60 (4.6)	14 (5.4)	35 (3.3)	[a]	27 (3.4)	[a]	[a]	[a]
Congenital Anomalies of the Central Nervous System	No	13471 (99.5)	2691 (99.4)	7874 (99.3)	1573 (99.2)	5376 (99.5)	1075 (99.4)	3003 (99.3)	601 (99.3)	2359 (100)	471 (99.8)	1695 (99.7)	339 (99.7)	1300 (99.6)	259 (99.2)	1060 (99.5)	212 (99.5)	800 (100)	160 (100)	500 (100)	100 (100)
	Yes	69 (0.5)	17 (0.6)	56 (0.7)	13 (0.8)	29 (0.5)	[a]	22 (0.7)	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Eye	No	13479 (99.6)	2694 (99.5)	7896 (99.6)	1579 (99.6)	5387 (99.7)	1077 (99.6)	3017 (99.7)	603 (99.7)	2357 (99.9)	471 (99.8)	1697 (99.8)	339 (99.7)	1297 (99.4)	259 (99.2)	1065 (100)	213 (100)	800 (100)	160 (100)	500 (100)	100 (100)
	Yes	61 (0.5)	14 (0.5)	34 (0.4)	[a]	18 (0.3)	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Genital Organs	No	13344 (98.6)	2669 (98.6)	7642 (96.4)	1528 (96.3)	5255 (97.2)	1046 (96.8)	2985 (98.7)	596 (98.5)	2316 (98.1)	465 (98.5)	1683 (99)	335 (98.5)	1292 (99)	258 (98.9)	1051 (98.7)	210 (98.6)	793 (99.1)	159 (99.4)	497 (99.4)	99 (99)
	Yes	196 (1.5)	39 (1.4)	288 (3.6)	58 (3.7)	150 (2.8)	35 (3.2)	40 (1.3)	[a]	44 (1.9)	[a]	17 (1)	[a]	13 (1)	[a]	[a]	[a]	[a]	[a]	[a]	[a]
Congenital Anomalies of the Digestive System	No	13458 (99.4)	2691 (99.4)	7877 (99.3)	1576 (99.4)	5379 (99.5)	1076 (99.5)	3006 (99.4)	601 (99.3)	2355 (99.8)	471 (99.8)	1693 (99.6)	338 (99.4)	1294 (99.2)	259 (99.2)	1060 (99.5)	212 (99.5)	798 (99.8)	159 (99.4)	500 (100)	100 (100)
	Yes	82 (0.6)	17 (0.6)	53 (0.7)	[a]	26 (0.5)	[a]	19 (0.6)	[a]	[a]	[a]	[a]	[a]	11 (0.8)	[a]	[a]	[a]	[a]	[a]	0 (0)	0 (0)
Congenital Musculoskeletal Deformities	No	13432 (99.2)	2682 (99)	7792 (98.3)	1558 (98.2)	5340 (98.8)	1069 (98.9)	2997 (99.1)	599 (99)	2353 (99.7)	469 (99.4)	1685 (99.1)	336 (98.8)	1297 (99.4)	259 (99.2)	1059 (99.4)	211 (99.1)	791 (98.9)	158 (98.8)	500 (100)	100 (100)
	Yes	108 (0.8)	26 (1)	138 (1.7)	28 (1.8)	65 (1.2)	12 (1.1)	28 (0.9)	[a]	[a]	[a]	15 (0.9)	[a]	[a]	[a]	[a]	[a]	[a]	[a]	0 (0)	0 (0)
Other Congenital Anomalies	No	13530 (99.9)	2705 (99.9)	7928 (100)	1585 (99.9)	5391 (99.7)	1079 (99.8)	3020 (99.8)	604 (99.8)	2360 (100)	472 (100)	1694 (99.7)	339 (99.7)	1301 (99.7)	260 (99.6)	1065 (100)	213 (100)	800 (100)	160 (100)	500 (100)	100 (100)
	Yes	[a]	[a]	0 (0)	0 (0)	14 (0.3)	[a]	[a]	[a]	0 (0)	0 (0)	[a]	[a]	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Respiratory System	No	13529 (99.9)	2705 (99.9)	7908 (99.7)	1581 (99.7)	5400 (99.9)	1080 (99.9)	3016 (99.7)	603 (99.7)	2353 (99.7)	470 (99.6)	1689 (99.4)	338 (99.4)	1305 (100)	261 (100)	1060 (99.5)	212 (99.5)	800 (100)	160 (100)	500 (100)	100 (100)
	Yes	11 (0.1)	[a]	22 (0.3)	[a]	[a]	[a]	[a]	[a]	[a]	[a]	11 (0.7)	[a]	0 (0)	0 (0)	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Skin	No	13440 (99.3)	2689 (99.3)	7861 (99.1)	1569 (98.9)	5384 (99.6)	1076 (99.5)	3023 (99.9)	603 (99.7)	2339 (99.1)	466 (98.7)	1693 (99.6)	338 (99.4)	1305 (100)	261 (100)	1058 (99.3)	212 (99.5)	795 (99.4)	159 (99.4)	498 (99.6)	99 (99)
	Yes	100 (0.7)	19 (0.7)	69 (0.9)	17 (1.1)	21 (0.4)	[a]	[a]	[a]	21 (0.9)	[a]	[a]	[a]	0 (0)	0 (0)	[a]	[a]	[a]	[a]	[a]	[a]
Congenital Anomalies of the Urinary System	No	13433 (99.2)	2684 (99.1)	7838 (98.8)	1568 (98.9)	5345 (98.9)	1069 (98.9)	3012 (99.6)	602 (99.5)	2347 (99.5)	470 (99.6)	1684 (99.1)	336 (98.8)	1297 (99.4)	259 (99.2)	1065 (100)	213 (100)	800 (100)	160 (100)	496 (99.2)	99 (99)
	Yes	107 (0.8)	24 (0.9)	92 (1.2)	18 (1.1)	60 (1.1)	12 (1.1)	13 (0.4)	[a]	13 (0.6)	[a]	16 (0.9)	[a]	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)	[a]	[a]
Intrauterine Hypoxia	No	13315 (98.3)	2664 (98.4)	7748 (97.7)	1553 (97.9)	5326 (98.5)	1061 (98.2)	2963 (98)	592 (97.9)	2292 (97.1)	460 (97.5)	1685 (99.1)	334 (98.2)	1275 (97.7)	255 (97.7)	1056 (99.2)	211 (99.1)	781 (97.6)	155 (96.9)	496 (99.2)	99 (99)
	Yes	225 (1.7)	44 (1.6)	182 (2.3)	33 (2.1)	79 (1.5)	20 (1.9)	62 (2.1)	13 (2.2)	68 (2.9)	12 (2.5)	15 (0.9)	[a]	30 (2.3)	[a]	[a]	[a]	19 (2.4)	[a]	[a]	[a]
Intrauterine Exposure to Noxious Agent	No	13350 (98.6)	2667 (98.5)	7714 (97.3)	1534 (96.7)	5248 (97.1)	1045 (96.7)	2970 (98.2)	591 (97.7)	2314 (98.1)	463 (98.1)	1674 (98.5)	335 (98.5)	1288 (98.7)	257 (98.5)	1060 (99.5)	211 (99.1)	795 (99.4)	159 (99.4)	500 (100)	100 (100)
	Yes	190 (1.4)	41 (1.5)	216 (2.7)	52 (3.3)	157 (2.9)	36 (3.3)	55 (1.8)	14 (2.3)	46 (2)	[a]	26 (1.5)	[a]	17 (1.3)	[a]	[a]	[a]	[a]	[a]	0 (0)	0 (0)

Condition	Status																				
Intrauterine Placental Insufficiency	No	13298 (98.2)	2656 (98.1)	7777 (98.1)	1557 (98.2)	5307 (98.2)	1062 (98.2)	2970 (98.2)	595 (98.4)	2319 (98.3)	464 (98.3)	1665 (97.9)	332 (97.7)	1293 (99.1)	259 (99.2)	1059 (99.4)	211 (99.1)	798 (99.8)	159 (99.4)	488 (97.6)	97 (97)
	Yes	242 (1.8)	52 (1.9)	153 (1.9)	29 (1.8)	98 (1.8)	19 (1.8)	55 (1.8)	—[a]	41 (1.7)	—[a]	35 (2.1)	—[a]	12 (0.9)	—[a]	—[a]	—[a]	—[a]	—[a]	12 (2.4)	—[a]
Infectious Disease (Acute)	No	11505 (85)	2275 (84)	5123 (64.6)	1019 (64.3)	2815 (52.1)	562 (52)	1287 (42.6)	262 (43.3)	934 (39.6)	175 (37.1)	575 (33.8)	114 (33.5)	331 (25.4)	72 (27.6)	270 (25.4)	53 (24.9)	228 (28.5)	48 (30)	114 (22.8)	25 (25)
	Yes	2035 (15)	433 (16)	2807 (35.4)	567 (35.8)	2590 (47.9)	519 (48)	1738 (57.5)	343 (56.7)	1426 (60.4)	297 (62.9)	1125 (66.2)	226 (66.5)	974 (74.6)	189 (72.4)	795 (74.7)	160 (75.1)	572 (71.5)	112 (70)	386 (77.2)	75 (75)
Neoplasm (Acute)	No	13482 (99.6)	2692 (99.4)	7843 (98.9)	1569 (98.9)	5327 (98.6)	1068 (98.8)	2955 (97.7)	589 (97.4)	2317 (98.2)	463 (98.1)	1652 (97.2)	330 (97.1)	1288 (98.7)	257 (98.5)	1058 (99.3)	211 (99.1)	780 (97.5)	158 (98.8)	496 (99.2)	99 (99)
	Yes	58 (0.4)	16 (0.6)	87 (1.1)	17 (1.1)	78 (1.4)	13 (1.2)	70 (2.3)	16 (2.6)	43 (1.8)	—[a]	48 (2.8)	—[a]	17 (1.3)	—[a]	—[a]	—[a]	20 (2.5)	—[a]	—[a]	—[a]
Endocrine, metabolic, and immunity disorders (Acute)	No	13191 (97.4)	2622 (96.8)	7456 (94)	1490 (94)	5038 (93.2)	995 (92)	2768 (91.5)	549 (90.7)	2116 (89.7)	417 (88.4)	1482 (87.2)	296 (87.1)	1178 (90.3)	231 (88.5)	915 (85.9)	179 (84)	677 (84.6)	136 (85)	431 (86.2)	84 (84)
	Yes	349 (2.6)	86 (3.2)	474 (6)	96 (6.1)	367 (6.8)	86 (8)	257 (8.5)	56 (9.3)	244 (10.3)	55 (11.7)	218 (12.8)	44 (12.9)	127 (9.7)	30 (11.5)	150 (14.1)	34 (16)	123 (15.4)	24 (15)	69 (13.8)	16 (16)
Diseases of blood and blood-forming organs (Acute)	No	13309 (98.3)	2656 (98.1)	7686 (96.9)	1534 (96.7)	5016 (92.8)	999 (92.4)	2673 (88.4)	535 (88.4)	2111 (89.5)	414 (87.7)	1483 (87.2)	295 (86.8)	1108 (84.9)	216 (82.8)	899 (84.4)	180 (84.5)	652 (81.5)	132 (82.5)	397 (79.4)	81 (81)
	Yes	231 (1.7)	52 (1.9)	244 (3.1)	52 (3.3)	389 (7.2)	82 (7.6)	352 (11.6)	70 (11.6)	249 (10.6)	58 (12.3)	217 (12.8)	45 (13.2)	197 (15.1)	45 (17.2)	166 (15.6)	33 (15.5)	148 (18.5)	28 (17.5)	103 (20.6)	19 (19)
Diseases of the nervous system and sense organs (Acute)	No	12107 (89.4)	2402 (88.7)	4703 (59.3)	953 (60.1)	1929 (35.7)	391 (36.2)	800 (26.5)	168 (27.8)	537 (22.8)	108 (22.9)	290 (17.1)	60 (17.7)	249 (19.1)	54 (20.7)	179 (16.8)	37 (17.4)	150 (18.8)	30 (18.8)	49 (9.8)	13 (13)
	Yes	1433 (10.6)	306 (11.3)	3227 (40.7)	633 (39.9)	3476 (64.3)	690 (63.8)	2225 (73.6)	437 (72.2)	1823 (77.3)	364 (77.1)	1410 (82.9)	280 (82.4)	1056 (80.9)	207 (79.3)	886 (83.2)	176 (82.6)	650 (81.3)	130 (81.3)	451 (90.2)	87 (87)
Diseases of the circulatory system (Acute)	No	13460 (99.4)	2683 (99.1)	7852 (99)	1570 (99)	5372 (99.4)	1072 (99.2)	2993 (98.9)	599 (99)	2319 (98.3)	462 (97.9)	1676 (98.6)	333 (97.9)	1281 (98.2)	256 (98.1)	1052 (98.8)	210 (98.6)	795 (99.4)	159 (99.4)	500 (100)	100 (100)
	Yes	80 (0.6)	25 (0.9)	78 (1)	16 (1)	33 (0.6)	—[a]	32 (1.1)	—[a]	41 (1.7)	—[a]	24 (1.4)	—[a]	24 (1.8)	—[a]	13 (1.2)	—[a]	—[a]	—[a]	0 (0)	0 (0)
Diseases of the respiratory system (Acute)	No	9311 (68.8)	1802 (66.5)	2074 (26.2)	418 (26.4)	787 (14.6)	162 (15)	233 (7.7)	44 (7.3)	224 (9.5)	43 (9.1)	88 (5.2)	21 (6.2)	74 (5.7)	17 (6.5)	51 (4.8)	—[a]	48 (6)	—[a]	17 (3.4)	—[a]
	Yes	4229 (31.2)	906 (33.5)	5856 (73.9)	1168 (73.6)	4618 (85.4)	919 (85)	2792 (92.3)	561 (92.7)	2136 (90.5)	429 (90.9)	1612 (94.8)	319 (93.8)	1231 (94.3)	244 (93.5)	1014 (95.2)	203 (95.3)	752 (94)	151 (94.4)	483 (96.6)	95 (95)
Diseases of the digestive system (Acute)	No	11594 (85.6)	2290 (84.6)	5612 (70.8)	1138 (71.8)	3221 (59.6)	642 (59.4)	1455 (48.1)	298 (49.3)	1109 (47)	229 (48.5)	648 (38.1)	136 (40)	475 (36.4)	94 (36)	418 (39.3)	83 (39)	281 (35.1)	57 (35.6)	178 (35.6)	37 (37)
	Yes	1946 (14.4)	418 (15.4)	2318 (29.2)	448 (28.3)	2184 (40.4)	439 (40.6)	1570 (51.9)	307 (50.7)	1251 (53)	243 (51.5)	1052 (61.9)	204 (60)	830 (63.6)	167 (64)	647 (60.8)	130 (61)	519 (64.9)	103 (64.4)	322 (64.4)	63 (63)
Diseases of the genitourinary system (Acute)	No	12853 (94.9)	2535 (93.6)	6630 (83.6)	1324 (83.5)	4598 (85.1)	907 (83.9)	2335 (77.2)	473 (78.2)	1780 (75.4)	365 (77.3)	1275 (75)	252 (74.1)	931 (71.3)	194 (74.3)	752 (70.6)	152 (71.4)	533 (66.6)	107 (66.9)	382 (76.4)	73 (73)
	Yes	687 (5.1)	173 (6.4)	1300 (16.4)	262 (16.5)	807 (14.9)	174 (16.1)	690 (22.8)	132 (21.8)	580 (24.6)	107 (22.7)	425 (25)	88 (25.9)	374 (28.7)	67 (25.7)	313 (29.4)	61 (28.6)	267 (33.4)	53 (33.1)	118 (23.6)	27 (27)
Diseases of the skin and subcutaneous tissue (Acute)	No	11446 (84.5)	2269 (83.8)	5465 (68.9)	1112 (70.1)	3118 (57.7)	629 (58.2)	1575 (52.1)	306 (50.6)	1022 (43.3)	211 (44.7)	686 (40.4)	140 (41.2)	505 (38.7)	103 (39.5)	371 (34.8)	73 (34.3)	322 (40.3)	69 (43.1)	201 (40.2)	40 (40)
	Yes	2094 (15.5)	439 (16.2)	2465 (31.1)	474 (29.9)	2287 (42.3)	452 (41.8)	1450 (47.9)	299 (49.4)	1338 (56.7)	261 (55.3)	1014 (59.7)	200 (58.8)	800 (61.3)	158 (60.5)	694 (65.2)	140 (65.7)	478 (59.8)	91 (56.9)	299 (59.8)	60 (60)
Diseases of the musculoskeletal system (Acute)	No	13426 (99.2)	2685 (99.2)	7774 (98)	1552 (97.9)	5097 (94.3)	1019 (94.3)	2818 (93.2)	560 (92.6)	2158 (91.4)	426 (90.3)	1525 (89.7)	303 (89.1)	1142 (87.5)	226 (86.6)	885 (83.1)	180 (84.5)	637 (79.6)	130 (81.3)	424 (84.8)	84 (84)
	Yes	114 (0.8)	23 (0.9)	156 (2)	34 (2.1)	308 (5.7)	62 (5.7)	207 (6.8)	45 (7.4)	202 (8.6)	46 (9.8)	175 (10.3)	37 (10.9)	163 (12.5)	35 (13.4)	180 (16.9)	33 (15.5)	163 (20.4)	30 (18.8)	76 (15.2)	16 (16)
Congenital anomalies	No	11869 (87.7)	2346 (86.6)	6341 (80)	1250 (78.8)	4250 (78.6)	846 (78.3)	2442 (80.7)	478 (79)	1931 (81.8)	380 (80.5)	1321 (77.7)	257 (75.6)	1010 (77.4)	197 (75.5)	847 (79.5)	168 (78.9)	645 (80.6)	125 (78.1)	450 (90)	89 (89)
	Yes	1671 (12.3)	362 (13.4)	1589 (20)	336 (21.2)	1155 (21.4)	235 (21.7)	583 (19.3)	127 (21)	429 (18.2)	92 (19.5)	379 (22.3)	83 (24.4)	295 (22.6)	64 (24.5)	218 (20.5)	45 (21.1)	155 (19.4)	35 (21.9)	50 (10)	11 (11)
Certain conditions originating in the perinatal period (Acute)	No	5133 (37.9)	1020 (37.7)	2735 (34.5)	535 (33.7)	2078 (38.5)	403 (37.3)	1118 (37)	219 (36.2)	921 (39)	187 (39.6)	661 (38.9)	127 (37.4)	533 (40.8)	110 (42.2)	505 (47.4)	97 (45.5)	446 (55.8)	79 (49.4)	184 (36.8)	41 (41)
	Yes	8407 (62.1)	1688 (62.3)	5195 (65.5)	1051 (66.3)	3327 (61.6)	678 (62.7)	1907 (63)	386 (63.8)	1439 (61)	285 (60.4)	1039 (61.1)	213 (62.7)	772 (59.2)	151 (57.9)	560 (52.6)	116 (54.5)	354 (44.3)	81 (50.6)	316 (63.2)	59 (59)
Injury and poisoning (Acute)	No	12958 (95.7)	2588 (95.6)	7120 (89.8)	1423 (89.7)	4060 (75.1)	819 (75.8)	1979 (65.4)	406 (67.1)	1272 (53.9)	255 (54)	851 (50.1)	171 (50.3)	622 (47.7)	125 (47.9)	433 (40.7)	94 (44.1)	293 (36.6)	55 (34.4)	162 (32.4)	33 (33)
	Yes	582 (4.3)	120 (4.4)	810 (10.2)	163 (10.3)	1345 (24.9)	262 (24.2)	1046 (34.6)	199 (32.9)	1088 (46.1)	217 (46)	849 (49.9)	169 (49.7)	683 (52.3)	136 (52.1)	632 (59.3)	119 (55.9)	507 (63.4)	105 (65.6)	338 (67.6)	67 (67)
Infectious Disease (Chronic)	No	13532 (99.9)	2706 (99.9)	7927 (100)	1585 (99.9)	5397 (99.9)	1079 (99.8)	3025 (100)	605 (100)	2358 (99.9)	471 (99.8)	1700 (100)	340 (100)	1305 (100)	261 (100)	1065 (100)	213 (100)	800 (100)	160 (100)	500 (100)	100 (100)
	Yes	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	0 (0)	0 (0)	—[a]	—[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Neoplasm (Chronic)	No	13533 (100)	2707 (100)	7918 (99.9)	1584 (99.9)	5402 (99.9)	1080 (99.9)	3022 (99.9)	604 (99.8)	2357 (99.9)	471 (99.8)	1700 (100)	340 (100)	1305 (100)	261 (100)	1065 (100)	213 (100)	798 (99.8)	159 (99.4)	492 (98.4)	98 (98)
	Yes	—[a]	—[a]	12 (0.2)	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	—[a]	—[a]	—[a]	—[a]
Endocrine, metabolic, and immunity disorders (Chronic)	No	13155 (97.2)	2628 (97.1)	7649 (96.5)	1523 (96)	5119 (94.7)	1024 (94.7)	2874 (95)	573 (94.7)	2253 (95.5)	447 (94.7)	1622 (95.4)	320 (94.1)	1254 (96.1)	251 (96.2)	1015 (95.3)	201 (94.4)	755 (94.4)	150 (93.8)	464 (92.8)	93 (93)
	Yes	385 (2.8)	80 (3)	281 (3.5)	63 (4)	286 (5.3)	57 (5.3)	151 (5)	32 (5.3)	107 (4.5)	25 (5.3)	78 (4.6)	20 (5.9)	51 (3.9)	—[a]	50 (4.7)	12 (5.6)	45 (5.6)	—[a]	36 (7.2)	—[a]
Diseases of blood and blood-forming organs (Chronic)	No	13346 (98.6)	2664 (98.4)	7764 (97.9)	1543 (97.3)	5208 (96.4)	1034 (95.7)	2876 (95.1)	573 (94.7)	2234 (94.7)	444 (94.1)	1601 (94.2)	319 (93.8)	1228 (94.1)	242 (92.7)	992 (93.2)	199 (93.4)	719 (89.9)	144 (90)	474 (94.8)	95 (95)
	Yes	194 (1.4)	44 (1.6)	166 (2.1)	43 (2.7)	197 (3.6)	47 (4.4)	149 (4.9)	32 (5.3)	126 (5.3)	28 (5.9)	99 (5.8)	21 (6.2)	77 (5.9)	19 (7.3)	73 (6.9)	14 (6.6)	81 (10.1)	16 (10)	26 (5.2)	—[a]
Diseases of the nervous system and sense organs (Chronic)	No	13090 (96.7)	2604 (96.2)	7422 (93.6)	1479 (93.2)	4847 (89.7)	971 (89.8)	2820 (93.2)	557 (92.1)	2103 (89.1)	416 (88.1)	1518 (89.3)	303 (89.1)	1076 (82.5)	218 (83.5)	976 (91.6)	194 (91.1)	672 (84)	136 (85)	448 (89.6)	89 (89)
	Yes	450 (3.3)	104 (3.8)	508 (6.4)	107 (6.8)	558 (10.3)	110 (10.2)	205 (6.8)	48 (7.9)	257 (10.9)	56 (11.9)	182 (10.7)	37 (10.9)	229 (17.6)	43 (16.5)	89 (8.4)	19 (8.9)	128 (16)	24 (15)	52 (10.4)	11 (11)
Diseases of the circulatory system (Chronic)	No	13302 (98.2)	2652 (97.9)	7672 (96.8)	1530 (96.5)	5199 (96.2)	1033 (95.6)	2898 (95.8)	577 (95.4)	2257 (95.6)	450 (95.3)	1614 (94.9)	326 (95.9)	1250 (95.8)	247 (94.6)	1041 (97.8)	208 (97.7)	755 (94.4)	149 (93.1)	441 (88.2)	90 (90)
	Yes	238 (1.8)	56 (2.1)	258 (3.3)	56 (3.5)	206 (3.8)	48 (4.4)	127 (4.2)	28 (4.6)	103 (4.4)	22 (4.7)	86 (5.1)	14 (4.1)	55 (4.2)	14 (5.4)	24 (2.3)	—[a]	45 (5.6)	11 (6.9)	59 (11.8)	—[a]
Diseases of the respiratory system (Chronic)	No	12848 (94.9)	2555 (94.4)	6299 (79.4)	1270 (80.1)	3708 (68.6)	740 (68.5)	1810 (59.8)	357 (59)	1245 (52.8)	251 (53.2)	875 (51.5)	176 (51.8)	671 (51.4)	128 (49)	455 (42.7)	91 (42.7)	273 (34.1)	58 (36.3)	176 (35.2)	37 (37)
	Yes	692 (5.1)	153 (5.7)	1631 (20.6)	316 (19.9)	1697 (31.4)	341 (31.5)	1215 (40.2)	248 (41)	1115 (47.3)	221 (46.8)	825 (48.5)	164 (48.2)	634 (48.6)	133 (51)	610 (57.3)	122 (57.3)	527 (65.9)	102 (63.8)	324 (64.8)	63 (63)
Diseases of the digestive system (Chronic)	No	12343 (91.2)	2455 (90.7)	6820 (86)	1364 (86)	4632 (85.7)	914 (84.6)	2611 (86.3)	519 (85.8)	2095 (88.8)	416 (88.1)	1452 (85.4)	290 (85.3)	1112 (85.2)	222 (85.1)	969 (91)	191 (89.7)	746 (93.3)	149 (93.1)	433 (86.6)	87 (87)
	Yes	1197 (8.8)	253 (9.3)	1110 (14)	222 (14)	773 (14.3)	167 (15.5)	414 (13.7)	86 (14.2)	265 (11.2)	56 (11.9)	248 (14.6)	50 (14.7)	193 (14.8)	39 (14.9)	96 (9)	22 (10.3)	54 (6.8)	11 (6.9)	67 (13.4)	13 (13)
Diseases of the genitourinary system (Chronic)	No	13465 (99.5)	2691 (99.4)	7783 (98.2)	1555 (98.1)	5177 (95.8)	1037 (95.9)	2905 (96)	580 (95.9)	2227 (94.4)	442 (93.6)	1565 (92.1)	310 (91.2)	1191 (91.3)	237 (90.8)	1004 (94.3)	200 (93.9)	759 (94.9)	151 (94.4)	460 (92)	90 (90)
	Yes	75 (0.6)	17 (0.6)	147 (1.9)	31 (2)	228 (4.2)	44 (4.1)	120 (4)	25 (4.1)	133 (5.6)	30 (6.4)	135 (7.9)	30 (8.8)	114 (8.7)	24 (9.2)	61 (5.7)	13 (6.1)	41 (5.1)	—[a]	40 (8)	—[a]
Diseases of the skin and subcutaneous tissue (Chronic)	No	13206 (97.5)	2638 (97.4)	7433 (93.7)	1477 (93.1)	4846 (89.7)	968 (89.6)	2715 (89.8)	542 (89.6)	2121 (89.9)	421 (89.2)	1489 (87.6)	296 (87.1)	1115 (85.4)	221 (84.7)	905 (85)	177 (83.1)	716 (89.5)	144 (90)	417 (83.4)	—[a]
	Yes	334 (2.5)	70 (2.6)	497 (6.3)	109 (6.9)	559 (10.3)	113 (10.5)	310 (10.3)	63 (10.4)	239 (10.1)	51 (10.8)	211 (12.4)	44 (12.9)	190 (14.6)	40 (15.3)	160 (15)	36 (16.9)	84 (10.5)	16 (10)	83 (16.6)	20 (20)
Diseases of the musculoskeletal system (Chronic)	No	13534 (100)	2707 (100)	7896 (99.6)	1580 (99.6)	5374 (99.4)	1073 (99.3)	3018 (99.8)	602 (99.5)	2350 (99.6)	470 (99.6)	1689 (99.4)	337 (99.1)	1291 (98.9)	258 (98.9)	1048 (98.4)	210 (98.6)	784 (98)	158 (98.8)	500 (100)	100 (100)
	Yes	—[a]	—[a]	34 (0.4)	—[a]	31 (0.6)	—[a]	—[a]	—[a]	—[a]	—[a]	11 (0.7)	—[a]	14 (1.1)	—[a]	17 (1.6)	—[a]	16 (2)	—[a]	0 (0)	0 (0)
Certain conditions originating in the perinatal period (Chronic)	No	13454 (99.4)	2686 (99.2)	7804 (98.4)	1554 (98)	5292 (97.9)	1054 (97.5)	2991 (98.9)	597 (98.7)	2331 (98.8)	466 (98.7)	1679 (98.8)	336 (98.8)	1279 (98)	256 (98.1)	1056 (99.2)	210 (98.6)	800 (100)	160 (100)	500 (100)	100 (100)
	Yes	86 (0.6)	22 (0.8)	126 (1.6)	32 (2)	113 (2.1)	27 (2.5)	34 (1.1)	—[a]	29 (1.2)	—[a]	21 (1.2)	—[a]	26 (2)	—[a]	—[a]	—[a]	0 (0)	0 (0)	0 (0)	0 (0)
Injury and poisoning (Chronic)	No	13540 (100)	2708 (100)	7924 (99.9)	1584 (99.9)	5405 (100)	1081 (100)	3025 (100)	605 (100)	2329 (98.7)	466 (98.7)	1697 (99.8)	339 (99.7)	1293 (99.1)	259 (99.2)	1059 (99.4)	210 (98.6)	795 (99.4)	159 (99.4)	496 (99.2)	99 (99)
	Yes	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	31 (1.3)	—[a]	—[a]	—[a]	12 (0.9)	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]

[a] These data are not presented as the report of data for any subgroup with 10 or fewer subjects is prohibited by the Centers for Medicare & Medicaid Services data use agreement.

Table 8: Characteristics of TX Tonsillectomy and/or Adenoidectomy Matched Cohorts by Age at Exposure

| | | >6 months - ≤1 yr | | >1 yr - ≤1.5 yrs | | >1.5 yrs - ≤2 yrs | | >2 yrs - ≤2.5 yrs | | >2.5 yrs - ≤3 yrs | | >3 yrs - ≤3.5 yrs | | >3.5 yrs - ≤4 yrs | | >4 ysr - ≤4.5 yrs | | >4.5 yrs - ≤5 yrs | |
| | | Exposure | | Exposure | | Exposure | | Exposure | | Exposure | | Exposure | | Exposure | | Exposure | | Exposure | |
		No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)
Sex	Female	460 (36.2)	87 (34.3)	1908 (40.6)	373 (39.7)	2879 (42.3)	557 (40.9)	3025 (41.6)	623 (42.9)	2838 (42.3)	567 (42.2)	3378 (46.5)	668 (46)	3072 (49)	616 (49.2)	2918 (47.1)	583 (47.1)	2743 (50.7)	564 (52.1)
	Male	810 (63.8)	167 (65.8)	2792 (59.4)	567 (60.3)	3931 (57.7)	805 (59.1)	4240 (58.4)	830 (57.1)	3877 (57.7)	776 (57.8)	3887 (53.5)	785 (54)	3193 (51)	637 (50.8)	3277 (52.9)	656 (53)	2667 (49.3)	518 (47.9)
Race	White	541 (42.6)	111 (43.7)	1804 (38.4)	356 (37.9)	2564 (37.7)	518 (38)	2073 (28.5)	430 (29.6)	2033 (30.3)	402 (29.9)	1672 (23)	335 (23.1)	1293 (20.6)	253 (20.2)	1200 (19.4)	242 (19.5)	1071 (19.8)	225 (20.8)
	Black	238 (18.7)	41 (16.1)	741 (15.8)	150 (16)	917 (13.5)	187 (13.7)	1008 (13.9)	209 (14.4)	833 (12.4)	157 (11.7)	759 (10.5)	158 (10.9)	607 (9.7)	128 (10.2)	640 (10.3)	129 (10.4)	464 (8.6)	99 (9.2)
	Hispanic	476 (37.5)	99 (39)	2012 (42.8)	406 (43.2)	3121 (45.8)	613 (45)	4056 (55.8)	785 (54)	3706 (55.2)	753 (56.1)	4774 (65.7)	946 (65.1)	4304 (68.7)	860 (68.6)	4304 (69.5)	855 (69)	3846 (71.1)	753 (69.6)
	Other	15 (1.2)	—ᵃ	143 (3)	28 (3)	208 (3.1)	44 (3.2)	128 (1.8)	29 (2)	143 (2.1)	31 (2.3)	60 (0.8)	14 (1)	61 (1)	12 (1)	51 (0.8)	13 (1.1)	29 (0.5)	—ᵃ
Income Based on ZIP Code of Residence (quartile)	Quartile 1	212 (16.7)	44 (17.3)	1050 (22.3)	202 (21.5)	1303 (19.1)	267 (19.6)	1824 (25.1)	357 (24.6)	1524 (22.7)	314 (23.4)	2078 (28.6)	400 (27.5)	1755 (28)	346 (27.6)	1736 (28)	341 (27.5)	1456 (26.9)	292 (27)
	Quartile 2	339 (26.7)	68 (26.8)	1094 (23.3)	221 (23.5)	2010 (29.5)	393 (28.9)	1753 (24.1)	335 (23.1)	1854 (27.6)	359 (26.4)	1835 (25.3)	383 (26.4)	1821 (29.1)	362 (28.9)	1746 (28.2)	345 (27.9)	1509 (27.9)	308 (28.5)
	Quartile 3	329 (25.9)	70 (27.6)	1333 (28.4)	270 (28.7)	1886 (27.7)	385 (28.3)	2066 (28.4)	422 (29)	1862 (27.7)	370 (27.6)	1913 (26.3)	368 (25.3)	1578 (25.2)	313 (25)	1674 (27)	332 (26.8)	1506 (27.8)	295 (27.3)
	Quartile 4	390 (30.7)	72 (28.4)	1223 (26)	247 (26.3)	1611 (23.7)	317 (23.3)	1622 (22.3)	339 (23.3)	1475 (22)	300 (22.3)	1439 (19.8)	302 (20.8)	1111 (17.7)	232 (18.5)	1039 (16.8)	221 (17.8)	939 (17.4)	187 (17.3)
Number of Outpatient Visits (quartile)	Quartile 1	25 (2)	—ᵃ	107 (2.3)	23 (2.5)	113 (1.7)	26 (1.9)	205 (2.8)	42 (2.9)	246 (3.7)	49 (3.7)	256 (3.5)	60 (4.1)	399 (6.4)	81 (6.5)	280 (4.5)	62 (5)	347 (6.4)	84 (7.8)
	Quartile 2	87 (6.9)	14 (5.5)	345 (7.3)	74 (7.9)	734 (10.8)	156 (11.5)	840 (11.6)	166 (11.4)	1155 (17.2)	231 (17.2)	1110 (15.3)	226 (15.6)	999 (16)	192 (15.3)	1162 (18.8)	224 (18.1)	933 (17.3)	191 (17.7)
	Quartile 3	274 (21.6)	56 (22.1)	810 (17.2)	163 (17.3)	1552 (22.8)	301 (22.1)	1902 (26.2)	376 (25.9)	1615 (24.1)	317 (23.6)	1995 (27.5)	394 (27.1)	1684 (26.9)	337 (26.9)	1689 (27.3)	344 (27.8)	1581 (29.2)	299 (27.6)
	Quartile 4	884 (69.6)	180 (70.9)	3438 (73.2)	680 (72.3)	4411 (64.8)	879 (64.5)	4318 (59.4)	869 (59.8)	3699 (55.1)	746 (55.6)	3904 (53.7)	773 (53.2)	3183 (50.8)	643 (51.3)	3064 (49.5)	609 (49.2)	2549 (47.1)	508 (47)
Total Number of Inpatient Stays (n)	0	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	1	978 (77)	187 (73.6)	3356 (71.4)	663 (70.5)	4930 (72.4)	988 (72.5)	5165 (71.1)	1033 (71.1)	4825 (71.9)	947 (70.5)	5128 (70.6)	1011 (69.6)	4315 (68.9)	866 (69.1)	4410 (71.2)	868 (70.1)	3665 (67.7)	729 (67.4)
	2	229 (18)	50 (19.7)	992 (21.1)	203 (21.6)	1301 (19.1)	253 (18.6)	1402 (19.3)	281 (19.3)	1261 (18.8)	259 (19.3)	1458 (20.1)	305 (21)	1290 (20.6)	253 (20.2)	1133 (18.3)	234 (18.9)	1174 (21.7)	233 (21.5)
	3 or more	63 (5)	17 (6.7)	352 (7.5)	74 (7.9)	579 (8.5)	121 (8.9)	698 (9.6)	139 (9.6)	629 (9.4)	137 (10.2)	679 (9.4)	137 (9.4)	660 (10.5)	134 (10.7)	652 (10.5)	137 (11.1)	571 (10.6)	120 (11.1)
<36 Weeks Gestational Age	No	1183 (93.2)	236 (92.9)	4380 (93.2)	871 (92.7)	6377 (93.6)	1267 (93)	6865 (94.5)	1368 (94.2)	6367 (94.8)	1269 (94.5)	6908 (95.1)	1372 (94.4)	5978 (95.4)	1192 (95.1)	5971 (96.4)	1193 (96.3)	5141 (95)	1025 (94.7)
	Yes	87 (6.9)	18 (7.1)	320 (6.8)	69 (7.3)	433 (6.4)	95 (7)	400 (5.5)	85 (5.9)	348 (5.2)	74 (5.5)	357 (4.9)	81 (5.6)	287 (4.6)	61 (4.9)	224 (3.6)	46 (3.7)	269 (5)	57 (5.3)
Low Birth Weight (<2500g and ≥1500g)	No	1199 (94.4)	242 (95.3)	4443 (94.5)	889 (94.6)	6487 (95.3)	1294 (95)	6893 (94.9)	1372 (94.4)	6409 (95.4)	1281 (95.4)	6960 (95.8)	1388 (95.5)	6006 (95.9)	1200 (95.8)	5973 (96.4)	1190 (96.1)	5178 (95.7)	1028 (95)
	Yes	71 (5.6)	12 (4.7)	257 (5.5)	51 (5.4)	323 (4.7)	68 (5)	372 (5.1)	81 (5.6)	306 (4.6)	62 (4.6)	305 (4.2)	65 (4.5)	259 (4.1)	53 (4.2)	222 (3.6)	49 (4)	232 (4.3)	54 (5)
Very Low Birth Weight (<1500g and ≥1000g)	No	1270 (100)	254 (100)	4673 (99.4)	934 (99.4)	6763 (99.3)	1350 (99.1)	7208 (99.2)	1440 (99.1)	6662 (99.2)	1331 (99.1)	7192 (99)	1437 (98.9)	6250 (99.8)	1249 (99.7)	6134 (99)	1228 (99.1)	5371 (99.3)	1075 (99.4)
	Yes	0 (0)	0 (0)	27 (0.6)	—ᵃ	47 (0.7)	12 (0.9)	57 (0.8)	13 (0.9)	53 (0.8)	12 (0.9)	73 (1)	16 (1.1)	15 (0.2)	—ᵃ	61 (1)	11 (0.9)	39 (0.7)	—ᵃ
Extremely Low Birth Weight (<1000g)	No	1270 (100)	254 (100)	4698 (100)	939 (99.9)	6788 (99.7)	1356 (99.6)	7234 (99.6)	1446 (99.5)	6690 (99.6)	1338 (99.6)	7243 (99.7)	1447 (99.6)	6214 (99.2)	1243 (99.2)	6173 (99.6)	1234 (99.6)	5390 (99.6)	1078 (99.6)
	Yes	0 (0)	0 (0)	—ᵃ	—ᵃ	22 (0.3)	—ᵃ	31 (0.4)	—ᵃ	25 (0.4)	—ᵃ	22 (0.3)	—ᵃ	51 (0.8)	—ᵃ	22 (0.4)	—ᵃ	20 (0.4)	—ᵃ
Chromosomal Anomalies	No	1261 (99.3)	252 (99.2)	4690 (99.8)	937 (99.7)	6792 (99.7)	1359 (99.8)	7238 (99.6)	1449 (99.7)	6688 (99.6)	1337 (99.6)	7249 (99.8)	1450 (99.8)	6225 (99.4)	1244 (99.3)	6176 (99.7)	1235 (99.7)	5396 (99.7)	1077 (99.5)
	Yes	—ᵃ	—ᵃ	—ᵃ	—ᵃ	18 (0.3)	—ᵃ	27 (0.4)	—ᵃ	27 (0.4)	—ᵃ	16 (0.2)	—ᵃ	40 (0.6)	—ᵃ	19 (0.3)	—ᵃ	14 (0.3)	—ᵃ
Congenital Anomalies of the Heart and Circulatory System	No	1207 (95)	243 (95.7)	4548 (96.8)	908 (96.6)	6491 (95.3)	1298 (95.3)	6980 (96.1)	1396 (96.1)	6449 (96)	1282 (95.5)	6928 (95.4)	1377 (94.8)	6044 (96.5)	1201 (95.9)	6060 (97.8)	1208 (97.5)	5244 (96.9)	1046 (96.7)
	Yes	63 (5)	11 (4.3)	152 (3.2)	32 (3.4)	319 (4.7)	64 (4.7)	285 (3.9)	57 (3.9)	266 (4)	61 (4.5)	337 (4.6)	76 (5.2)	221 (3.5)	52 (4.2)	135 (2.2)	31 (2.5)	166 (3.1)	36 (3.3)
Congenital Anomalies of the Central Nervous System	No	1259 (99.1)	252 (99.2)	4673 (99.4)	934 (99.4)	6780 (99.6)	1357 (99.6)	7239 (99.6)	1449 (99.7)	6682 (99.5)	1336 (99.5)	7240 (99.7)	1448 (99.7)	6250 (99.8)	1249 (99.7)	6191 (99.9)	1238 (99.9)	5403 (99.9)	1080 (99.8)
	Yes	11 (0.9)	—ᵃ	27 (0.6)	—ᵃ	30 (0.4)	—ᵃ	26 (0.4)	—ᵃ	33 (0.5)	—ᵃ	25 (0.3)	—ᵃ	15 (0.2)	—ᵃ	—ᵃ	—ᵃ	—ᵃ	—ᵃ
Congenital Anomalies of the Eye	No	1257 (99)	253 (99.6)	4685 (99.7)	937 (99.7)	6780 (99.6)	1356 (99.6)	7237 (99.6)	1448 (99.7)	6685 (99.6)	1337 (99.6)	7239 (99.6)	1448 (99.7)	6250 (99.8)	1247 (99.5)	6164 (99.5)	1232 (99.4)	5401 (99.8)	1080 (99.8)
	Yes	13 (1)	—ᵃ	15 (0.3)	—ᵃ	30 (0.4)	—ᵃ	28 (0.4)	—ᵃ	30 (0.5)	—ᵃ	26 (0.4)	—ᵃ	15 (0.2)	—ᵃ	31 (0.5)	—ᵃ	—ᵃ	—ᵃ
Congenital Anomalies of the Genital Organs	No	1259 (99.1)	251 (98.8)	4676 (99.5)	934 (99.4)	6782 (99.6)	1356 (99.6)	7244 (99.7)	1450 (99.8)	6685 (99.6)	1337 (99.6)	7234 (99.6)	1447 (99.6)	6252 (99.8)	1250 (99.8)	6179 (99.7)	1236 (99.8)	5385 (99.5)	1077 (99.5)
	Yes	11 (0.9)	—ᵃ	24 (0.5)	—ᵃ	28 (0.4)	—ᵃ	21 (0.3)	—ᵃ	30 (0.5)	—ᵃ	31 (0.4)	—ᵃ	13 (0.2)	—ᵃ	16 (0.3)	—ᵃ	25 (0.5)	—ᵃ
Congenital Anomalies of the Digestive System	No	1258 (99.1)	252 (99.2)	4686 (99.7)	937 (99.7)	6747 (99.1)	1350 (99.1)	7224 (99.4)	1445 (99.5)	6691 (99.6)	1338 (99.6)	7239 (99.6)	1448 (99.7)	6251 (99.8)	1250 (99.8)	6161 (99.5)	1231 (99.4)	5394 (99.7)	1079 (99.7)
	Yes	12 (0.9)	—ᵃ	14 (0.3)	—ᵃ	63 (0.9)	12 (0.9)	41 (0.6)	—ᵃ	24 (0.4)	—ᵃ	26 (0.4)	—ᵃ	14 (0.2)	—ᵃ	34 (0.6)	—ᵃ	16 (0.3)	—ᵃ
Congenital Musculoskeletal Deformities	No	1249 (98.4)	251 (98.8)	4621 (98.3)	922 (98.1)	6680 (98.1)	1337 (98.2)	7189 (99)	1434 (98.7)	6644 (98.9)	1326 (98.7)	7211 (99.3)	1440 (99.1)	6148 (98.1)	1227 (97.9)	6115 (98.7)	1220 (98.5)	5380 (99.5)	1074 (99.3)
	Yes	21 (1.7)	—ᵃ	79 (1.7)	18 (1.9)	130 (1.9)	25 (1.8)	76 (1.1)	19 (1.3)	71 (1.1)	17 (1.3)	54 (0.7)	13 (0.9)	117 (1.9)	26 (2.1)	80 (1.3)	19 (1.5)	30 (0.6)	—ᵃ
Other Congenital Anomalies	No	1270 (100)	254 (100)	4676 (99.5)	934 (99.4)	6785 (99.6)	1357 (99.6)	7261 (99.9)	1452 (99.9)	6704 (99.8)	1341 (99.9)	7252 (99.8)	1450 (99.8)	6252 (99.8)	1251 (99.8)	6195 (100)	1239 (100)	5407 (99.9)	1081 (99.9)
	Yes	0 (0)	0 (0)	24 (0.5)	—ᵃ	25 (0.4)	—ᵃ	—ᵃ	—ᵃ	11 (0.2)	—ᵃ	13 (0.2)	—ᵃ	13 (0.2)	—ᵃ	0 (0)	0 (0)	—ᵃ	—ᵃ
Congenital Anomalies of the Respiratory System	No	1270 (100)	254 (100)	4687 (99.7)	937 (99.7)	6789 (99.7)	1358 (99.7)	7245 (99.7)	1447 (99.6)	6693 (99.7)	1337 (99.6)	7263 (100)	1452 (99.9)	6257 (99.9)	1251 (99.8)	6187 (99.9)	1236 (99.8)	5387 (99.6)	1078 (99.6)
	Yes	0 (0)	0 (0)	13 (0.3)	—ᵃ	21 (0.3)	—ᵃ	20 (0.3)	—ᵃ	22 (0.3)	—ᵃ	—ᵃ	—ᵃ	8 (0.1)	—ᵃ	—ᵃ	—ᵃ	23 (0.4)	—ᵃ
Congenital Anomalies of the Skin	No	1259 (99.1)	252 (99.2)	4654 (99)	933 (99.3)	6779 (99.5)	1355 (99.5)	7242 (99.7)	1446 (99.5)	6632 (98.8)	1329 (99)	7227 (99.5)	1443 (99.3)	6226 (99.4)	1243 (99.2)	6181 (99.8)	1236 (99.8)	5382 (99.5)	1076 (99.5)
	Yes	11 (0.9)	—ᵃ	46 (1)	—ᵃ	31 (0.5)	—ᵃ	23 (0.3)	—ᵃ	83 (1.2)	14 (1)	38 (0.5)	—ᵃ	39 (0.6)	—ᵃ	14 (0.2)	—ᵃ	28 (0.5)	—ᵃ)
Congenital Anomalies of the Urinary System	No	1265 (99.6)	253 (99.6)	4671 (99.4)	936 (99.6)	6765 (99.3)	1352 (99.3)	7264 (100)	1452 (99.9)	6696 (99.7)	1338 (99.6)	7231 (99.5)	1447 (99.6)	6258 (99.9)	1250 (99.8)	6183 (99.8)	1236 (99.8)	5406 (99.9)	1081 (99.9)
	Yes	—ᵃ	—ᵃ	29 (0.6)	—ᵃ	45 (0.7)	—ᵃ	—ᵃ	—ᵃ	19 (0.3)	—ᵃ	34 (0.5)	—ᵃ	—ᵃ	—ᵃ	12 (0.2)	—ᵃ	—ᵃ	—ᵃ
Intrauterine Hypoxia	No	1253 (98.7)	251 (98.8)	4624 (98.4)	924 (98.3)	6730 (98.8)	1346 (98.8)	7152 (98.4)	1429 (98.4)	6619 (98.6)	1323 (98.5)	7149 (98.4)	1428 (98.3)	6185 (98.7)	1236 (98.6)	6096 (98.4)	1216 (98.1)	5336 (98.6)	1063 (98.2)
	Yes	17 (1.3)	—ᵃ	76 (1.6)	16 (1.7)	80 (1.2)	16 (1.2)	113 (1.6)	24 (1.7)	96 (1.4)	20 (1.5)	116 (1.6)	25 (1.7)	80 (1.3)	17 (1.4)	99 (1.6)	23 (1.9)	74 (1.4)	19 (1.8)
Intrauterine Exposure to Noxious Agent	No	1249 (98.4)	250 (98.4)	4666 (99.3)	930 (98.9)	6743 (99)	1346 (98.8)	7234 (99.6)	1445 (99.5)	6685 (99.6)	1335 (99.4)	7231 (99.5)	1447 (99.6)	6256 (99.9)	1249 (99.7)	6158 (99.4)	1229 (99.2)	5362 (99.1)	1073 (99.2)
	Yes	21 (1.7)	—ᵃ	34 (0.7)	—ᵃ	67 (1)	16 (1.2)	31 (0.4)	—ᵃ	30 (0.5)	—ᵃ	34 (0.5)	—ᵃ	—ᵃ	—ᵃ	37 (0.6)	—ᵃ	48 (0.9)	—ᵃ

Condition		C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18
Intrauterine Placental Insufficiency	No	1253 (98.7)	250 (98.4)	4647 (98.9)	930 (98.9)	6734 (98.9)	1345 (98.8)	7225 (99.5)	1443 (99.3)	6622 (98.6)	1322 (98.4)	7188 (98.9)	1435 (98.8)	6183 (98.7)	1236 (98.6)	6119 (98.8)	1224 (98.8)	5325 (98.4)	1061 (98.1)
	Yes	17 (1.3)	—[a]	53 (1.1)	—[a]	76 (1.1)	17 (1.3)	40 (0.6)	—[a]	93 (1.4)	21 (1.6)	77 (1.1)	18 (1.2)	82 (1.3)	17 (1.4)	76 (1.2)	15 (1.2)	85 (1.6)	21 (1.9)
Infectious Disease (Acute)	No	617 (48.6)	115 (45.3)	1957 (41.6)	388 (41.3)	2598 (38.2)	530 (38.9)	2336 (32.2)	473 (32.6)	2001 (29.8)	403 (30)	2075 (28.6)	424 (29.2)	1675 (26.7)	358 (28.6)	1382 (22.3)	302 (24.4)	1123 (20.8)	240 (22.2)
	Yes	653 (51.4)	139 (54.7)	2743 (58.4)	552 (58.7)	4212 (61.9)	832 (61.1)	4929 (67.9)	980 (67.5)	4714 (70.2)	940 (70)	5190 (71.4)	1029 (70.8)	4590 (73.3)	895 (71.4)	4813 (77.7)	937 (75.6)	4287 (79.2)	842 (77.8)
Neoplasm (Acute)	No	1252 (98.6)	251 (98.8)	4630 (98.5)	925 (98.4)	6698 (98.4)	1333 (97.9)	7145 (98.4)	1429 (98.4)	6603 (98.3)	1316 (98)	7128 (98.1)	1422 (97.9)	6144 (98.1)	1222 (97.5)	6043 (97.6)	1206 (97.3)	5312 (98.2)	1057 (97.7)
	Yes	18 (1.4)	—[a]	70 (1.5)	15 (1.6)	112 (1.6)	29 (2.1)	120 (1.7)	24 (1.7)	112 (1.7)	27 (2)	137 (1.9)	31 (2.1)	121 (1.9)	31 (2.5)	152 (2.5)	33 (2.7)	98 (1.8)	25 (2.3)
Endocrine, metabolic, and immunity disorders (Acute)	No	1147 (90.3)	230 (90.6)	4289 (91.3)	850 (90.4)	6069 (89.1)	1205 (88.5)	6345 (87.3)	1258 (86.6)	5838 (86.9)	1154 (85.9)	6380 (87.8)	1255 (86.4)	5217 (83.3)	1050 (83.8)	5396 (87.1)	1069 (86.3)	4586 (84.8)	913 (84.4)
	Yes	123 (9.7)	24 (9.5)	411 (8.7)	90 (9.6)	741 (10.9)	157 (11.5)	920 (12.7)	195 (13.4)	877 (13.1)	189 (14.1)	885 (12.2)	198 (13.6)	1048 (16.7)	203 (16.2)	799 (12.9)	170 (13.7)	824 (15.2)	169 (15.6)
Diseases of blood and blood-forming organs (Acute)	No	1216 (95.8)	242 (95.3)	4376 (93.1)	882 (93.8)	6333 (93)	1261 (92.6)	6541 (90)	1309 (90.1)	5879 (87.6)	1176 (87.6)	6088 (83.8)	1224 (84.2)	5281 (84.3)	1046 (83.5)	5204 (84)	1028 (83)	4455 (82.4)	908 (83.9)
	Yes	54 (4.3)	12 (4.7)	324 (6.9)	58 (6.2)	477 (7)	101 (7.4)	724 (10)	144 (9.9)	836 (12.5)	167 (12.4)	1177 (16.2)	229 (15.8)	984 (15.7)	207 (16.5)	991 (16)	211 (17)	955 (17.7)	174 (16.1)
Diseases of the nervous system and sense organs (Acute)	No	145 (11.4)	28 (11)	340 (7.2)	81 (8.6)	683 (10)	137 (10.1)	676 (9.3)	140 (9.6)	856 (12.8)	175 (13)	898 (12.4)	174 (12)	819 (13.1)	166 (13.3)	703 (11.4)	142 (11.5)	483 (8.9)	107 (9.9)
	Yes	1125 (88.6)	226 (89)	4360 (92.8)	859 (91.4)	6127 (90)	1225 (89.9)	6589 (90.7)	1313 (90.4)	5859 (87.3)	1168 (87)	6367 (87.6)	1279 (88)	5446 (86.9)	1087 (86.8)	5492 (88.7)	1097 (88.5)	4927 (91.1)	975 (90.1)
Diseases of the circulatory system (Acute)	No	1257 (99)	252 (99.2)	4650 (98.9)	930 (98.9)	6763 (99.3)	1351 (99.2)	7230 (99.5)	1443 (99.3)	6657 (99.1)	1331 (99.1)	7197 (99.1)	1437 (98.9)	6176 (98.6)	1237 (98.7)	6106 (98.6)	1221 (98.6)	5321 (98.4)	1066 (98.5)
	Yes	13 (1)	—[a]	50 (1.1)	—[a]	47 (0.7)	11 (0.8)	35 (0.5)	—[a]	58 (0.9)	12 (0.9)	68 (0.9)	16 (1.1)	89 (1.4)	16 (1.3)	89 (1.4)	18 (1.5)	89 (1.7)	16 (1.5)
Diseases of the respiratory system (Acute)	No	141 (11.1)	25 (9.8)	321 (6.8)	64 (6.8)	469 (6.9)	90 (6.6)	267 (3.7)	58 (4)	298 (4.4)	60 (4.5)	275 (3.8)	59 (4.1)	228 (3.6)	56 (4.5)	153 (2.5)	39 (3.2)	131 (2.4)	38 (3.5)
	Yes	1129 (88.9)	229 (90.2)	4379 (93.2)	876 (93.2)	6341 (93.1)	1272 (93.4)	6998 (96.3)	1395 (96)	6417 (95.6)	1283 (95.5)	6990 (96.2)	1394 (95.9)	6037 (96.4)	1197 (95.5)	6042 (97.5)	1200 (96.9)	5279 (97.6)	1044 (96.5)
Diseases of the digestive system (Acute)	No	804 (63.3)	157 (61.8)	2769 (58.9)	544 (57.9)	3566 (52.4)	707 (51.9)	3573 (49.2)	706 (48.6)	3177 (47.3)	629 (46.8)	3190 (43.9)	640 (44.1)	2489 (39.7)	500 (39.9)	2373 (38.3)	481 (38.8)	2047 (37.8)	424 (39.2)
	Yes	466 (36.7)	97 (38.2)	1931 (41.1)	396 (42.1)	3244 (47.6)	655 (48.1)	3692 (50.8)	747 (51.4)	3538 (52.7)	714 (53.2)	4075 (56.1)	813 (56)	3776 (60.3)	753 (60.1)	3822 (61.7)	758 (61.2)	3363 (62.2)	658 (60.8)
Diseases of the genitourinary system (Acute)	No	961 (75.7)	192 (75.6)	3922 (83.5)	768 (81.7)	5447 (80)	1085 (79.7)	5801 (79.9)	1156 (79.6)	5422 (80.7)	1075 (80)	5684 (78.2)	1121 (77.2)	4776 (76.2)	955 (76.2)	4497 (72.6)	889 (71.8)	3848 (71.1)	779 (72)
	Yes	309 (24.3)	62 (24.4)	778 (16.6)	172 (18.3)	1363 (20)	277 (20.3)	1464 (20.2)	297 (20.4)	1293 (19.3)	268 (20)	1581 (21.8)	332 (22.9)	1489 (23.8)	298 (23.8)	1698 (27.4)	350 (28.3)	1562 (28.9)	303 (28)
Diseases of the skin and subcutaneous tissue (Acute)	No	881 (69.4)	174 (68.5)	2520 (53.6)	505 (53.7)	3675 (54)	742 (54.5)	3529 (48.6)	696 (47.9)	3117 (46.4)	614 (45.7)	3041 (41.9)	633 (43.6)	2657 (42.4)	545 (43.5)	2512 (40.6)	502 (40.5)	2202 (40.7)	447 (41.3)
	Yes	389 (30.6)	80 (31.5)	2180 (46.4)	435 (46.3)	3135 (46)	620 (45.5)	3736 (51.4)	757 (52.1)	3598 (53.6)	729 (54.3)	4224 (58.1)	820 (56.4)	3608 (57.6)	708 (56.5)	3683 (59.5)	737 (59.5)	3208 (59.3)	635 (58.7)
Diseases of the musculoskeletal system (Acute)	No	1230 (96.9)	244 (96.1)	4419 (94)	880 (93.6)	6296 (92.5)	1254 (92.1)	6587 (90.7)	1307 (90)	5923 (88.2)	1175 (87.5)	6398 (88.1)	1272 (87.5)	5346 (85.3)	1058 (84.4)	5090 (82.2)	1007 (81.3)	4376 (80.9)	875 (80.9)
	Yes	40 (3.2)	—[a]	281 (6)	60 (6.4)	514 (7.6)	108 (7.9)	678 (9.3)	146 (10.1)	792 (11.8)	168 (12.5)	867 (11.9)	181 (12.5)	919 (14.7)	195 (15.6)	1105 (17.8)	232 (18.7)	1034 (19.1)	207 (19.1)
Congenital anomalies	No	1065 (83.9)	214 (84.3)	4027 (85.7)	792 (84.3)	5645 (82.9)	1116 (81.9)	6045 (83.2)	1196 (82.3)	5514 (82.1)	1085 (80.8)	5906 (81.3)	1167 (80.3)	5220 (83.3)	1021 (81.5)	5275 (85.2)	1039 (83.9)	4501 (83.2)	887 (82)
	Yes	205 (16.1)	40 (15.8)	673 (14.3)	148 (15.7)	1165 (17.1)	246 (18.1)	1220 (16.8)	257 (17.7)	1201 (17.9)	258 (19.2)	1359 (18.7)	286 (19.7)	1045 (16.7)	232 (18.5)	920 (14.9)	200 (16.1)	909 (16.8)	195 (18)
Certain conditions originating in the perinatal period (Acute)	No	545 (42.9)	111 (43.7)	2029 (43.2)	406 (43.2)	2950 (43.3)	590 (43.3)	3317 (45.7)	660 (45.4)	3320 (49.4)	636 (47.4)	3158 (43.5)	615 (42.3)	2978 (47.5)	588 (46.9)	3158 (51)	605 (48.8)	2659 (49.2)	524 (48.4)
	Yes	725 (57.1)	143 (56.3)	2671 (56.8)	534 (56.8)	3860 (56.7)	772 (56.7)	3948 (54.3)	793 (54.6)	3395 (50.6)	707 (52.6)	4107 (56.5)	838 (57.7)	3287 (52.5)	665 (53.1)	3037 (49)	634 (51.2)	2751 (50.9)	558 (51.6)
Injury and poisoning (Acute)	No	1041 (82)	211 (83.1)	3408 (72.5)	678 (72.1)	4301 (63.2)	843 (61.9)	4140 (57)	834 (57.4)	3354 (50)	680 (50.6)	3451 (47.5)	697 (48)	2832 (45.2)	569 (45.4)	2426 (39.2)	479 (38.7)	2136 (39.5)	439 (40.6)
	Yes	229 (18)	43 (16.9)	1292 (27.5)	262 (27.9)	2509 (36.8)	519 (38.1)	3125 (43)	619 (42.6)	3361 (50.1)	663 (49.4)	3814 (52.5)	756 (52)	3433 (54.8)	684 (54.6)	3769 (60.8)	760 (61.3)	3274 (60.5)	643 (59.4)
Infectious Disease (Chronic)	No	1270 (100)	254 (100)	4696 (99.9)	939 (99.9)	6810 (100)	1362 (100)	7258 (99.9)	1451 (99.9)	6706 (99.9)	1341 (99.9)	7263 (100)	1452 (99.9)	6261 (99.9)	1252 (99.9)	6192 (100)	1238 (99.9)	5410 (100)	1082 (100)
	Yes	0 (0)	0 (0)	—[a]	—[a]	0 (0)	0 (0)	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	0 (0)	0 (0)
Neoplasm (Chronic)	No	1264 (99.5)	253 (99.6)	4696 (99.9)	939 (99.9)	6792 (99.7)	1358 (99.7)	7255 (99.9)	1451 (99.9)	6687 (99.6)	1338 (99.6)	7246 (99.7)	1449 (99.7)	6250 (99.8)	1249 (99.7)	6170 (99.6)	1234 (99.6)	5389 (99.6)	1079 (99.7)
	Yes	6 (0.5)	—[a]	—[a]	—[a]	18 (0.3)	—[a]	—[a]	—[a]	28 (0.4)	—[a]	19 (0.3)	—[a]	15 (0.2)	—[a]	25 (0.4)	—[a]	21 (0.4)	—[a]
Endocrine, metabolic, and immunity disorders (Chronic)	No	1220 (96.1)	243 (95.7)	4495 (95.6)	897 (95.4)	6466 (95)	1282 (94.1)	6863 (94.5)	1364 (93.9)	6356 (94.7)	1264 (94.1)	6902 (95)	1371 (94.4)	5878 (93.8)	1161 (92.7)	5893 (95.1)	1173 (94.7)	5043 (93.2)	1010 (93.4)
	Yes	50 (3.9)	11 (4.3)	205 (4.4)	43 (4.6)	344 (5.1)	80 (5.9)	402 (5.5)	89 (6.1)	359 (5.4)	79 (5.9)	363 (5)	82 (5.6)	387 (6.2)	92 (7.3)	302 (4.9)	66 (5.3)	367 (6.8)	72 (6.7)
Diseases of blood and blood-forming organs (Chronic)	No	1235 (97.2)	248 (97.6)	4529 (96.4)	902 (96)	6578 (96.6)	1304 (95.7)	6809 (93.7)	1362 (93.7)	6475 (96.4)	1287 (95.8)	6858 (94.4)	1373 (94.5)	5857 (93.5)	1174 (93.7)	5810 (93.8)	1164 (94)	5066 (93.6)	1011 (93.4)
	Yes	35 (2.8)	—[a]	171 (3.6)	38 (4)	232 (3.4)	58 (4.3)	456 (6.3)	91 (6.3)	240 (3.6)	56 (4.2)	407 (5.6)	80 (5.5)	408 (6.5)	79 (6.3)	385 (6.2)	75 (6.1)	344 (6.4)	71 (6.6)
Diseases of the nervous system and sense organs (Chronic)	No	561 (44.2)	118 (46.5)	2131 (45.3)	419 (44.6)	3405 (50)	682 (50.1)	4370 (60.2)	883 (60.8)	4524 (67.4)	899 (66.9)	5244 (72.2)	1038 (71.4)	4509 (72)	901 (71.9)	4611 (74.4)	912 (73.6)	3840 (71)	750 (69.3)
	Yes	709 (55.8)	136 (53.5)	2569 (54.7)	521 (55.4)	3405 (50)	680 (49.9)	2895 (39.9)	570 (39.2)	2191 (32.6)	444 (33.1)	2021 (27.8)	415 (28.6)	1756 (28)	352 (28.1)	1584 (25.6)	327 (26.4)	1570 (29)	332 (30.7)
Diseases of the circulatory system (Chronic)	No	1199 (94.4)	241 (94.9)	4538 (96.6)	909 (96.7)	6572 (96.5)	1311 (96.3)	7011 (96.5)	1400 (96.4)	6436 (95.9)	1287 (95.8)	6985 (96.2)	1392 (95.8)	5989 (95.6)	1194 (95.3)	5993 (96.7)	1194 (96.4)	5182 (95.8)	1031 (95.3)
	Yes	71 (5.6)	13 (5.1)	162 (3.5)	31 (3.3)	238 (3.5)	51 (3.7)	254 (3.5)	53 (3.7)	279 (4.2)	56 (4.2)	280 (3.9)	61 (4.2)	276 (4.4)	59 (4.7)	202 (3.3)	45 (3.6)	228 (4.2)	51 (4.7)
Diseases of the respiratory system (Chronic)	No	600 (47.2)	116 (45.7)	2050 (43.6)	405 (43.1)	2971 (43.6)	593 (43.5)	2595 (35.7)	521 (35.9)	2402 (35.8)	480 (35.7)	2354 (32.4)	484 (33.3)	1890 (30.2)	388 (31)	1935 (31.2)	396 (32)	1433 (26.5)	320 (29.6)
	Yes	670 (52.8)	138 (54.3)	2650 (56.4)	535 (56.9)	3839 (56.4)	769 (56.5)	4670 (64.3)	932 (64.1)	4313 (64.2)	863 (64.3)	4911 (67.6)	969 (66.7)	4375 (69.8)	865 (69)	4260 (68.8)	843 (68)	3977 (73.5)	762 (70.4)
Diseases of the digestive system (Chronic)	No	1015 (79.9)	197 (77.6)	3604 (76.7)	716 (76.2)	5469 (80.3)	1090 (80)	5945 (81.8)	1179 (81.1)	5570 (83)	1105 (82.3)	6162 (84.8)	1229 (84.6)	5306 (84.7)	1049 (83.7)	5448 (87.9)	1076 (86.8)	4678 (86.5)	925 (85.5)
	Yes	255 (20.1)	57 (22.4)	1096 (23.3)	224 (23.8)	1341 (19.7)	272 (20)	1320 (18.2)	274 (18.9)	1145 (17.1)	238 (17.7)	1103 (15.2)	224 (15.4)	959 (15.3)	204 (16.3)	747 (12.1)	163 (13.2)	732 (13.5)	157 (14.5)
Diseases of the genitourinary system (Chronic)	No	1265 (99.6)	252 (99.2)	4651 (99)	928 (98.7)	6664 (97.9)	1334 (97.9)	7131 (98.2)	1422 (97.9)	6594 (98.2)	1316 (98)	7023 (96.7)	1405 (96.7)	6013 (96)	1202 (95.9)	6025 (97.3)	1199 (96.8)	5169 (95.6)	1036 (95.8)
	Yes	—[a]	—[a]	49 (1)	12 (1.3)	146 (2.1)	28 (2.1)	134 (1.8)	31 (2.1)	121 (1.8)	27 (2)	242 (3.3)	48 (3.3)	252 (4)	51 (4.1)	170 (2.7)	40 (3.2)	241 (4.5)	46 (4.3)
Diseases of the skin and subcutaneous tissue (Chronic)	No	1153 (90.8)	227 (89.4)	4248 (90.4)	845 (89.9)	6155 (90.4)	1219 (89.5)	6341 (87.3)	1266 (87.1)	5737 (85.4)	1152 (85.8)	6244 (86)	1241 (85.4)	5579 (89.1)	1098 (87.6)	5318 (85.8)	1062 (85.7)	4677 (86.5)	933 (86.2)
	Yes	117 (9.2)	27 (10.6)	452 (9.6)	95 (10.1)	655 (9.6)	143 (10.5)	924 (12.7)	187 (12.9)	978 (14.6)	191 (14.2)	1021 (14.1)	212 (14.6)	686 (11)	155 (12.4)	877 (14.2)	177 (14.3)	733 (13.6)	149 (13.8)
Diseases of the musculoskeletal system (Chronic)	No	1270 (100)	254 (100)	4685 (99.7)	937 (99.7)	6748 (99.1)	1349 (99.1)	7228 (99.5)	1444 (99.4)	6630 (98.7)	1326 (98.7)	7181 (98.8)	1436 (98.8)	6193 (98.9)	1238 (98.8)	6127 (98.9)	1225 (98.9)	5328 (98.5)	1063 (98.2)
	Yes	0 (0)	0 (0)	15 (0.3)	—[a]	62 (0.9)	13 (1)	37 (0.5)	—[a]	85 (1.3)	17 (1.3)	84 (1.2)	17 (1.2)	72 (1.2)	15 (1.2)	68 (1.1)	14 (1.1)	82 (1.5)	19 (1.8)
Certain conditions originating in the perinatal period (Chronic)	No	1249 (98.4)	249 (98)	4669 (99.3)	931 (99)	6776 (99.5)	1354 (99.4)	7249 (99.8)	1450 (99.8)	6697 (99.7)	1338 (99.6)	7230 (99.5)	1445 (99.5)	6257 (99.9)	1250 (99.8)	6170 (99.6)	1232 (99.4)	5378 (99.4)	1076 (99.5)
	Yes	21 (1.7)	—[a]	31 (0.7)	—[a]	34 (0.5)	—[a]	16 (0.2)	—[a]	18 (0.3)	—[a]	35 (0.5)	—[a]	—[a]	—[a]	25 (0.4)	—[a]	32 (0.6)	—[a]
Injury and poisoning (Chronic)	No	1270 (100)	254 (100)	4695 (99.9)	939 (99.9)	6791 (99.7)	1358 (99.7)	7257 (99.9)	1451 (99.9)	6682 (99.5)	1336 (99.5)	7244 (99.7)	1446 (99.5)	6209 (99.1)	1243 (99.2)	6170 (99.6)	1233 (99.5)	5353 (99)	1071 (99)
	Yes	0 (0)	0 (0)	—[a]	—[a]	19 (0.3)	—[a]	—[a]	—[a]	33 (0.5)	—[a]	21 (0.3)	—[a]	56 (0.9)	—[a]	25 (0.4)	—[a]	57 (1.1)	11 (1)

[a]These data are not presented as the report of data for any subgroup with 10 or fewer subjects is prohibited by the Centers for Medicare & Medicaid Services data use agreement.

Table 9: Characteristics of NY Pyloromyotomy Matched Cohorts by Age at Exposure

		>Birth - ≤28 days		>28 days - ≤6 months	
		Exposure		Exposure	
		No	Yes	No	Yes
		n(%)	n(%)	n(%)	n(%)
Sex	Female	562 (15.7)	113 (15.8)	1055 (20.3)	218 (20.9)
	Male	3013 (84.3)	602 (84.2)	4155 (79.8)	824 (79.1)
Race	White	1219 (34.1)	245 (34.3)	2254 (43.3)	454 (43.6)
	Black	440 (12.3)	86 (12)	703 (13.5)	138 (13.2)
	Hispanic	1123 (31.4)	223 (31.2)	1240 (23.8)	252 (24.2)
	Other	793 (22.2)	161 (22.5)	1013 (19.4)	198 (19)
Income Based on ZIP Code of Residence (quartile)	Quartile 1	847 (23.7)	171 (23.9)	1312 (25.2)	256 (24.6)
	Quartile 2	856 (23.9)	170 (23.8)	1340 (25.7)	266 (25.5)
	Quartile 3	1028 (28.8)	207 (29)	1423 (27.3)	281 (27)
	Quartile 4	844 (23.6)	167 (23.4)	1135 (21.8)	239 (22.9)
Number of Outpatient Visits (quartile)	Quartile 1	1726 (48.3)	342 (47.8)	0 (0)	0 (0)
	Quartile 2	1006 (28.1)	203 (28.4)	1826 (35.1)	361 (34.6)
	Quartile 3	552 (15.4)	108 (15.1)	1150 (22.1)	225 (21.6)
	Quartile 4	291 (8.1)	62 (8.7)	2234 (42.9)	456 (43.8)
Total Number of Inpatient Stays (n)	0	0 (0)	0 (0)	0 (0)	0 (0)
	1	3501 (97.9)	699 (97.8)	4805 (92.2)	960 (92.1)
	2	74 (2.1)	16 (2.2)	386 (7.4)	78 (7.5)
	3 or more	0 (0)	0 (0)	19 (0.4)	___[a]
<36 Weeks Gestational Age	No	3493 (97.7)	699 (97.8)	4962 (95.2)	987 (94.7)
	Yes	82 (2.3)	16 (2.2)	248 (4.8)	55 (5.3)
Low Birth Weight (<2500g and ≥1500g)	No	3507 (98.1)	702 (98.2)	5013 (96.2)	1000 (96)
	Yes	68 (1.9)	13 (1.8)	197 (3.8)	42 (4)
Very Low Birth Weight (<1500g and ≥1000g)	No	3575 (100)	715 (100)	5199 (99.8)	1039 (99.7)
	Yes	0 (0)	0 (0)	11 (0.2)	___[a]
Extremely Low Birth Weight (<1000g)	No	3575 (100)	715 (100)	5200 (99.8)	1039 (99.7)
	Yes	0 (0)	0 (0)	___[a]	___[a]
Chromosomal Anomalies	No	3575 (100)	715 (100)	5210 (100)	1042 (100)
	Yes	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Heart and Circulatory System	No	3494 (97.7)	699 (97.8)	5066 (97.2)	1017 (97.6)
	Yes	81 (2.3)	16 (2.2)	144 (2.8)	25 (2.4)
Congenital Anomalies of the Central Nervous System	No	3554 (99.4)	711 (99.4)	5203 (99.9)	1041 (99.9)
	Yes	21 (0.6)	___[a]	___[a]	___[a]
Congenital Anomalies of the Eye	No	3562 (99.6)	712 (99.6)	5188 (99.6)	1034 (99.2)
	Yes	13 (0.4)	___[a]	22 (0.4)	___[a]
Congenital Anomalies of the Genital Organs	No	3559 (99.6)	711 (99.4)	5190 (99.6)	1037 (99.5)
	Yes	16 (0.5)	___[a]	20 (0.4)	___[a]
Congenital Anomalies of the Digestive System	No	3568 (99.8)	714 (99.9)	5201 (99.8)	1038 (99.6)
	Yes	___[a]	___[a]	___[a]	___[a]
Congenital Musculoskeletal Deformities	No	3531 (98.8)	704 (98.5)	5168 (99.2)	1030 (98.9)
	Yes	44 (1.2)	11 (1.5)	42 (0.8)	12 (1.2)
Other Congenital Anomalies	No	3575 (100)	715 (100)	5205 (99.9)	1040 (99.8)
	Yes	0 (0)	0 (0)	___[a]	___[a]
Congenital Anomalies of the Respiratory System	No	3575 (100)	715 (100)	5197 (99.8)	1038 (99.6)
	Yes	0 (0)	0 (0)	13 (0.3)	___[a]
Congenital Anomalies of the Skin	No	3473 (97.2)	695 (97.2)	5048 (96.9)	1009 (96.8)
	Yes	102 (2.9)	20 (2.8)	162 (3.1)	33 (3.2)
Congenital Anomalies of the Urinary System	No	3566 (99.8)	713 (99.7)	5190 (99.6)	1038 (99.6)
	Yes	___[a]	___[a]	20 (0.4)	___[a]
Intrauterine Hypoxia	No	3563 (99.7)	713 (99.7)	5162 (99.1)	1030 (98.9)
	Yes	12 (0.3)	___[a]	48 (0.9)	12 (1.2)
Intrauterine Exposure to Noxious Agent	No	3529 (98.7)	707 (98.9)	5150 (98.9)	1030 (98.9)
	Yes	46 (1.3)	___[a]	60 (1.2)	12 (1.2)

Intrauterine Placental Insufficiency	No	3542 (99.1)	708 (99)	5116 (98.2)	1024 (98.3)
	Yes	33 (0.9)	___ᵃ	94 (1.8)	18 (1.7)
Infectious Disease (Acute)	No	3446 (96.4)	692 (96.8)	4798 (92.1)	965 (92.6)
	Yes	129 (3.6)	23 (3.2)	412 (7.9)	77 (7.4)
Neoplasm (Acute)	No	3575 (100)	715 (100)	5205 (99.9)	1041 (99.9)
	Yes	0 (0)	0 (0)	___ᵃ	___ᵃ
Endocrine, metabolic, and immunity disorders (Acute)	No	3573 (99.9)	714 (99.9)	5166 (99.2)	1030 (98.9)
	Yes	___ᵃ	___ᵃ	44 (0.8)	12 (1.2)
Diseases of blood and blood-forming organs (Acute)	No	3575 (100)	715 (100)	5203 (99.9)	1041 (99.9)
	Yes	0 (0)	0 (0)	___ᵃ	___ᵃ
Diseases of the nervous system and sense organs (Acute)	No	3463 (96.9)	693 (96.9)	5081 (97.5)	1013 (97.2)
	Yes	112 (3.1)	22 (3.1)	129 (2.5)	29 (2.8)
Diseases of the circulatory system (Acute)	No	3573 (99.9)	714 (99.9)	5200 (99.8)	1040 (99.8)
	Yes	___ᵃ	___ᵃ	___ᵃ	___ᵃ
Diseases of the respiratory system (Acute)	No	3492 (97.7)	700 (97.9)	4810 (92.3)	959 (92)
	Yes	83 (2.3)	15 (2.1)	400 (7.7)	83 (8)
Diseases of the digestive system (Acute)	No	3446 (96.4)	691 (96.6)	4774 (91.6)	958 (91.9)
	Yes	129 (3.6)	24 (3.4)	436 (8.4)	84 (8.1)
Diseases of the genitourinary system (Acute)	No	3419 (95.6)	680 (95.1)	4968 (95.4)	991 (95.1)
	Yes	156 (4.4)	35 (4.9)	242 (4.6)	51 (4.9)
Diseases of the skin and subcutaneous tissue (Acute)	No	3472 (97.1)	694 (97.1)	4949 (95)	988 (94.8)
	Yes	103 (2.9)	21 (2.9)	261 (5)	54 (5.2)
Diseases of the musculoskeletal system (Acute)	No	3529 (98.7)	706 (98.7)	5192 (99.7)	1037 (99.5)
	Yes	46 (1.3)	___ᵃ	18 (0.4)	___ᵃ
Congenital anomalies	No	3298 (92.3)	659 (92.2)	4777 (91.7)	954 (91.6)
	Yes	277 (7.8)	56 (7.8)	433 (8.3)	88 (8.5)
Certain conditions originating in the perinatal period (Acute)	No	1809 (50.6)	362 (50.6)	2603 (50)	525 (50.4)
	Yes	1766 (49.4)	353 (49.4)	2607 (50)	517 (49.6)
Injury and poisoning (Acute)	No	3525 (98.6)	705 (98.6)	5112 (98.1)	1023 (98.2)
	Yes	50 (1.4)	___ᵃ	98 (1.9)	19 (1.8)
Infectious Disease (Chronic)	No	3575 (100)	715 (100)	5210 (100)	1042 (100)
	Yes	0 (0)	0 (0)	0 (0)	0 (0)
Neoplasm (Chronic)	No	3575 (100)	715 (100)	5210 (100)	1042 (100)
	Yes	0 (0)	0 (0)	0 (0)	0 (0)
Endocrine, metabolic, and immunity disorders (Chronic)	No	3562 (99.6)	710 (99.3)	5152 (98.9)	1026 (98.5)
	Yes	13 (0.4)	___ᵃ	58 (1.1)	16 (1.5)
Diseases of blood and blood-forming organs (Chronic)	No	3566 (99.8)	714 (99.9)	5206 (99.9)	1041 (99.9)
	Yes	___ᵃ	___ᵃ	___ᵃ	___ᵃ
Diseases of the nervous system and sense organs (Chronic)	No	3531 (98.8)	706 (98.7)	5081 (97.5)	1010 (96.9)
	Yes	44 (1.2)	___ᵃ	129 (2.5)	32 (3.1)
Diseases of the circulatory system (Chronic)	No	3570 (99.9)	712 (99.6)	5153 (98.9)	1032 (99)
	Yes	___ᵃ	___ᵃ	57 (1.1)	___ᵃ
Diseases of the respiratory system (Chronic)	No	3571 (99.9)	714 (99.9)	5192 (99.7)	1036 (99.4)
	Yes	___ᵃ	___ᵃ	18 (0.4)	___ᵃ
Diseases of the digestive system (Chronic)	No	3406 (95.3)	682 (95.4)	4642 (89.1)	928 (89.1)
	Yes	169 (4.7)	33 (4.6)	568 (10.9)	114 (10.9)
Diseases of the genitourinary system (Chronic)	No	3572 (99.9)	714 (99.9)	5205 (99.9)	1040 (99.8)
	Yes	___ᵃ	___ᵃ	___ᵃ	___ᵃ
Diseases of the skin and subcutaneous tissue (Chronic)	No	3575 (100)	715 (100)	5184 (99.5)	1036 (99.4)
	Yes	0 (0)	0 (0)	26 (0.5)	___ᵃ
Diseases of the musculoskeletal system (Chronic)	No	3575 (100)	715 (100)	5207 (99.9)	1041 (99.9)
	Yes	0 (0)	0 (0)	___ᵃ	___ᵃ
Certain conditions originating in the perinatal period (Chronic)	No	3541 (99.1)	708 (99)	5167 (99.2)	1033 (99.1)
	Yes	34 (1)	___ᵃ	43 (0.8)	___ᵃ
Injury and poisoning (Chronic)	No	3575 (100)	715 (100)	5210 (100)	1042 (100)
	Yes	0 (0)	0 (0)	0 (0)	0 (0)

ᵃThese data are not presented as the report of data for any subgroup with 10 or fewer subjects is prohibited by the Centers for Medicare & Medicaid Services data use agreement.

Table 10: Characteristics of NY Inguinal Hernia Matched Cohorts by Age at Exposure

Characteristic		>Birth-≤28 days Exposure No	Yes	>28 days-≤6 months No	Yes	>6 months-≤1 yr No	Yes	>1 yr-≤1.5 yrs No	Yes	>1.5 yrs-≤2 yrs No	Yes	>2 yrs-≤2.5 yrs No	Yes	>2.5 yrs-≤3 yrs No	Yes	>3 yrs-≤3.5 yrs No	Yes	>3.5 yrs-≤4 yrs No	Yes	>4 yrs-≤4.5 yrs No	Yes	>4.5 yrs-≤5 yrs No	Yes
Sex	Female	50 (23.3)	___[a]	1479 (21.4)	294 (21.2)	453 (19)	91 (19.1)	318 (15.4)	62 (15)	184 (15.6)	39 (16.5)	156 (16.4)	30 (15.8)	176 (25.7)	33 (24.1)	215 (29.7)	46 (31.7)	131 (25.9)	32 (31.7)	140 (28.9)	29 (29.9)	112 (30.3)	21 (28.4)
	Male	165 (76.7)	34 (79.1)	5441 (78.6)	1090 (78.8)	1932 (81)	386 (80.9)	1752 (84.6)	352 (85)	996 (84.4)	197 (83.5)	794 (83.6)	160 (84.2)	509 (74.3)	104 (75.9)	510 (70.3)	99 (68.3)	374 (74.1)	69 (68.3)	345 (71.1)	68 (70.1)	258 (69.7)	53 (71.6)
Race	White	71 (33)	15 (34.9)	2197 (31.8)	450 (32.5)	761 (31.9)	151 (31.7)	805 (38.9)	149 (36)	455 (38.6)	90 (38.1)	428 (45.1)	88 (46.3)	289 (42.2)	53 (38.7)	284 (39.2)	57 (39.3)	247 (48.9)	46 (45.5)	313 (64.5)	58 (59.8)	170 (46)	35 (47.3)
	Black	54 (25.1)	11 (25.6)	1912 (27.6)	375 (27.1)	847 (35.5)	156 (32.7)	572 (27.6)	117 (28.3)	212 (18)	48 (20.3)	188 (19.8)	32 (16.8)	131 (19.1)	28 (20.4)	134 (18.5)	30 (20.7)	81 (16)	20 (19.8)	73 (15.1)	15 (15.5)	65 (17.6)	11 (14.9)
	Hispanic	66 (30.7)	12 (27.9)	1323 (19.1)	264 (19.1)	374 (15.7)	81 (17)	321 (15.5)	71 (17.2)	230 (19.5)	40 (17)	186 (19.6)	39 (20.5)	118 (17.2)	25 (18.3)	149 (20.6)	25 (17.2)	94 (18.6)	18 (17.8)	59 (12.2)	12 (12.4)	74 (20)	13 (17.6)
	Other	24 (11.2)	___[a]	1488 (21.5)	295 (21.3)	403 (16.9)	89 (18.7)	372 (18)	77 (18.6)	283 (24)	58 (24.6)	148 (15.6)	31 (16.3)	147 (21.5)	31 (22.6)	158 (21.8)	33 (22.8)	83 (16.4)	17 (16.8)	40 (8.3)	12 (12.4)	61 (16.5)	15 (20.3)
Income Based on ZIP Code of Residence (quartile)	Quartile 1	60 (27.9)	11 (25.6)	1921 (27.8)	378 (27.3)	654 (27.4)	135 (28.3)	622 (30.1)	121 (29.2)	281 (23.8)	56 (23.7)	196 (20.6)	44 (23.2)	209 (30.5)	43 (31.4)	168 (23.2)	35 (24.1)	180 (35.6)	33 (32.7)	104 (21.4)	27 (27.8)	138 (37.3)	22 (29.7)
	Quartile 2	80 (37.2)	16 (37.2)	1782 (25.8)	355 (25.7)	550 (23.1)	121 (25.4)	447 (21.6)	101 (24.4)	300 (25.4)	62 (26.3)	256 (27)	52 (27.4)	174 (25.4)	33 (24.1)	212 (29.2)	39 (26.9)	126 (25)	26 (25.7)	116 (23.9)	22 (22.7)	86 (23.2)	22 (29.7)
	Quartile 3	47 (21.9)	___[a]	1564 (22.6)	324 (23.4)	663 (27.8)	123 (25.8)	496 (24)	98 (23.7)	247 (20.9)	49 (20.8)	203 (21.4)	41 (21.6)	121 (17.7)	24 (17.5)	121 (16.7)	25 (17.2)	83 (16.4)	18 (17.8)	148 (30.5)	26 (26.8)	69 (18.7)	12 (16.2)
	Quartile 4	28 (13)	___[a]	1653 (23.9)	327 (23.6)	518 (21.7)	98 (20.6)	505 (24.4)	94 (22.7)	352 (29.8)	69 (29.2)	295 (31.1)	53 (27.9)	181 (26.4)	37 (27)	224 (30.9)	46 (31.7)	116 (23)	24 (23.8)	117 (24.1)	22 (22.7)	77 (20.8)	18 (24.3)
Number of Outpatient Visits (quartile)	Quartile 1	94 (43.7)	19 (44.2)	0 (0)	0 (0)	372 (15.6)	77 (16.1)	363 (17.5)	73 (17.6)	225 (19.1)	41 (17.4)	155 (16.3)	33 (17.4)	142 (20.7)	26 (19)	123 (17)	24 (16.6)	113 (22.4)	25 (24.8)	110 (22.7)	20 (20.6)	55 (14.9)	10 (13.5)
	Quartile 2	73 (34)	13 (30.2)	2852 (41.2)	567 (41)	496 (20.8)	93 (19.5)	439 (21.2)	83 (20.1)	236 (20)	50 (21.2)	216 (22.7)	39 (20.5)	109 (15.9)	25 (18.3)	126 (17.4)	28 (19.3)	103 (20.4)	18 (17.8)	93 (19.2)	17 (17.5)	48 (13)	11 (14.9)
	Quartile 3	31 (14.4)	___[a]	1182 (17.1)	231 (16.7)	649 (27.2)	134 (28.1)	621 (30)	121 (29.2)	235 (19.9)	51 (21.6)	235 (24.7)	47 (24.7)	128 (18.7)	25 (18.3)	193 (26.6)	40 (27.6)	127 (25.2)	22 (21.8)	98 (20.2)	21 (21.7)	114 (30.8)	19 (25.7)
	Quartile 4	17 (7.9)	___[a]	2886 (41.7)	586 (42.3)	868 (36.4)	173 (36.3)	647 (31.3)	137 (33.1)	484 (41)	94 (39.8)	344 (36.2)	71 (37.4)	306 (44.7)	61 (44.5)	283 (39)	53 (36.6)	162 (32.1)	36 (35.6)	184 (37.9)	39 (40.2)	153 (41.4)	34 (46)
Total Number of Inpatient Stays (n)	0	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	1	208 (96.7)	41 (95.4)	5932 (85.7)	1194 (86.3)	1994 (83.6)	390 (81.8)	1765 (85.3)	341 (82.4)	963 (81.6)	190 (80.5)	774 (81.5)	154 (81.1)	570 (83.2)	114 (83.2)	596 (82.2)	116 (80)	355 (70.3)	65 (64.4)	361 (74.4)	73 (75.3)	275 (74.3)	54 (73)
	2	7 (3.3)	___[a]	727 (10.5)	141 (10.2)	278 (11.7)	64 (13.4)	244 (11.8)	56 (13.5)	156 (13.2)	30 (12.7)	134 (14.1)	26 (13.7)	74 (10.8)	15 (11)	96 (13.2)	21 (14.5)	115 (22.8)	26 (25.7)	82 (16.9)	14 (14.4)	60 (16.2)	13 (17.6)
	3 or more	0 (0)	0 (0)	261 (3.8)	49 (3.5)	113 (4.7)	23 (4.8)	61 (3)	17 (4.1)	61 (5.2)	16 (6.8)	42 (4.4)	___[a]	41 (6)	___[a]	33 (4.6)	___[a]	35 (6.9)	___[a]	42 (8.7)	___[a]	35 (9.5)	___[a]
<36 Weeks Gestational Age	No	202 (94)	41 (95.4)	5226 (75.5)	1058 (76.5)	2040 (85.5)	401 (84.1)	1872 (90.4)	367 (88.7)	1086 (92)	217 (92)	872 (91.8)	173 (91.1)	670 (97.8)	133 (97.1)	676 (93.2)	135 (93.1)	488 (96.6)	97 (96)	477 (98.4)	94 (96.9)	359 (97)	71 (96)
	Yes	13 (6.1)	___[a]	1694 (24.5)	326 (23.6)	345 (14.5)	76 (15.9)	198 (9.6)	47 (11.4)	94 (8)	19 (8.1)	78 (8.2)	17 (9)	15 (2.2)	___[a]	49 (6.8)	___[a]	17 (3.4)	___[a]	___[a]	___[a]	11 (3)	___[a]
Low Birth Weight (<2500g and ≥1500g)	No	203 (94.4)	41 (95.4)	5451 (78.8)	1120 (80.9)	2112 (88.6)	422 (88.5)	1891 (91.4)	374 (90.3)	1126 (95.4)	223 (94.5)	887 (93.4)	177 (93.2)	678 (99)	134 (97.8)	685 (94.5)	136 (93.8)	463 (91.7)	93 (92.1)	461 (95.1)	92 (94.9)	349 (94.3)	70 (94.6)
	Yes	12 (5.6)	___[a]	1469 (21.2)	264 (19.1)	273 (11.5)	55 (11.5)	179 (8.7)	40 (9.7)	54 (4.6)	13 (5.5)	63 (6.6)	13 (6.8)	___[a]	___[a]	40 (5.5)	___[a]	42 (8.3)	___[a]	24 (5)	___[a]	21 (5.7)	___[a]
Very Low Birth Weight (<1500g and ≥1000g)	No	215 (100)	43 (100)	6366 (92)	1250 (90.3)	2281 (95.6)	453 (95)	2029 (98)	401 (96.9)	1172 (99.3)	233 (98.7)	928 (97.7)	185 (97.4)	678 (99)	135 (98.5)	710 (97.9)	142 (97.9)	502 (99.4)	100 (99)	483 (99.6)	96 (99)	365 (98.7)	73 (98.7)
	Yes	0 (0)	0 (0)	554 (8)	134 (9.7)	104 (4.4)	24 (5)	41 (2)	13 (3.1)	___[a]	___[a]	22 (2.3)	___[a]	___[a]	___[a]	15 (2.1)	___[a]	___[a]	___[a]	___[a]	___[a]	___[a]	___[a]
Extremely Low Birth Weight (<1000g)	No	215 (100)	43 (100)	6674 (96.5)	1321 (95.5)	2303 (96.6)	456 (95.6)	2045 (98.8)	410 (99)	1173 (99.4)	235 (99.6)	950 (100)	190 (100)	685 (100)	137 (100)	718 (99)	143 (98.6)	498 (98.6)	100 (99)	479 (98.8)	95 (97.9)	370 (100)	74 (100)
	Yes	0 (0)	0 (0)	246 (3.6)	63 (4.6)	82 (3.4)	21 (4.4)	25 (1.2)	___[a]	___[a]	___[a]	0 (0)	0 (0)	0 (0)	0 (0)	___[a]	___[a]	___[a]	___[a]	___[a]	___[a]	0 (0)	0 (0)
Chromosomal Anomalies	No	215 (100)	43 (100)	6916 (99.9)	1383 (99.9)	2385 (100)	477 (100)	2070 (100)	414 (100)	1180 (100)	236 (100)	950 (100)	190 (100)	685 (100)	137 (100)	723 (99.7)	144 (99.3)	504 (99.8)	100 (99)	485 (100)	97 (100)	370 (100)	74 (100)
	Yes	0 (0)	0 (0)	___[a]	___[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	___[a]	___[a]	___[a]	___[a]	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Heart and Circulatory System	No	192 (89.3)	39 (90.7)	6507 (94)	1292 (93.4)	2284 (95.8)	456 (95.6)	1983 (95.8)	394 (95.2)	1121 (95)	224 (94.9)	908 (95.6)	183 (96.3)	667 (97.4)	135 (98.5)	715 (98.6)	142 (97.9)	498 (98.6)	99 (98)	481 (99.2)	95 (97.9)	365 (98.7)	73 (98.7)
	Yes	23 (10.7)	___[a]	413 (6)	92 (6.7)	101 (4.2)	21 (4.4)	87 (4.2)	20 (4.8)	59 (5)	12 (5.1)	42 (4.4)	___[a]	18 (2.6)	___[a]	___[a]	___[a]	___[a]	___[a]	___[a]	___[a]	___[a]	___[a]
Congenital Anomalies of the Central Nervous System	No	215 (100)	43 (100)	6897 (99.7)	1379 (99.6)	2380 (99.8)	476 (99.8)	2064 (99.7)	412 (99.5)	1174 (99.5)	235 (99.6)	950 (100)	190 (100)	677 (98.8)	136 (99.3)	725 (100)	145 (100)	505 (100)	101 (100)	479 (98.8)	96 (99)	370 (100)	74 (100)
	Yes	0 (0)	0 (0)	23 (0.3)	___[a]	12 (0.5)	___[a]	___[a]	___[a]	___[a]	___[a]	0 (0)	0 (0)	___[a]	___[a]	0 (0)	0 (0)	0 (0)	0 (0)	___[a]	___[a]	0 (0)	0 (0)
Congenital Anomalies of the Eye	No	215 (100)	43 (100)	6898 (99.7)	1379 (99.6)	2373 (99.5)	475 (99.6)	2069 (100)	413 (99.8)	1170 (99.2)	235 (99.6)	934 (98.3)	187 (98.4)	679 (99.1)	136 (99.3)	725 (100)	145 (100)	502 (99.4)	100 (99)	485 (100)	97 (100)	370 (100)	74 (100)
	Yes	0 (0)	0 (0)	22 (0.3)	___[a]	12 (0.5)	___[a]	0 (0)	___[a]	___[a]	___[a]	16 (1.7)	___[a]	___[a]	___[a]	0 (0)	0 (0)	___[a]	___[a]	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Genital Organs	No	200 (93)	39 (90.7)	6745 (97.5)	1350 (97.5)	2285 (95.8)	459 (96.2)	2017 (97.4)	400 (96.6)	1157 (98.1)	231 (97.9)	893 (94)	181 (95.3)	680 (99.3)	136 (99.3)	725 (100)	145 (100)	500 (99)	100 (99)	472 (97.3)	93 (95.9)	350 (94.6)	70 (94.6)
	Yes	15 (7)	___[a]	175 (2.5)	34 (2.5)	100 (4.2)	18 (3.8)	53 (2.6)	14 (3.4)	23 (2)	___[a]	57 (6)	___[a]	___[a]	___[a]	0 (0)	0 (0)	___[a]	___[a]	13 (2.7)	___[a]	20 (5.4)	___[a]
Congenital Anomalies of the Digestive System	No	215 (100)	43 (100)	6870 (99.3)	1375 (99.4)	2371 (99.4)	474 (99.4)	2062 (99.6)	412 (99.5)	1180 (100)	236 (100)	950 (100)	190 (100)	678 (99)	135 (98.5)	720 (99.3)	144 (99.3)	505 (100)	101 (100)	485 (100)	97 (100)	370 (100)	74 (100)
	Yes	0 (0)	0 (0)	50 (0.7)	___[a]	14 (0.6)	___[a]	___[a]	___[a]	0 (0)	0 (0)	0 (0)	0 (0)	___[a]	___[a]	___[a]	___[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Musculoskeletal Deformities	No	215 (100)	43 (100)	6793 (98.2)	1358 (98.1)	2342 (98.2)	466 (97.7)	2047 (98.9)	409 (98.8)	1160 (98.3)	231 (97.9)	932 (98.1)	185 (97.4)	681 (99.4)	136 (99.3)	720 (99.3)	143 (98.6)	500 (99)	100 (99)	485 (100)	97 (100)	366 (98.9)	73 (98.7)
	Yes	0 (0)	0 (0)	127 (1.8)	26 (1.9)	43 (1.8)	11 (2.3)	23 (1.1)	___[a]	20 (1.7)	___[a]	18 (1.9)	___[a]	___[a]	___[a]	___[a]	___[a]	___[a]	___[a]	0 (0)	0 (0)	___[a]	___[a]
Other Congenital Anomalies	No	215 (100)	43 (100)	6907 (99.8)	1380 (99.7)	2385 (100)	477 (100)	2062 (99.6)	412 (99.5)	1180 (100)	236 (100)	945 (99.5)	189 (99.5)	679 (99.1)	136 (99.3)	721 (99.5)	144 (99.3)	505 (100)	101 (100)	485 (100)	97 (100)	370 (100)	74 (100)
	Yes	0 (0)	0 (0)	13 (0.2)	___[a]	0 (0)	0 (0)	___[a]	___[a]	0 (0)	0 (0)	___[a]	___[a]	___[a]	___[a]	___[a]	___[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Respiratory System	No	209 (97.2)	42 (97.7)	6915 (99.9)	1382 (99.9)	2376 (99.6)	475 (99.6)	2067 (99.9)	413 (99.8)	1180 (100)	236 (100)	950 (100)	190 (100)	685 (100)	137 (100)	725 (100)	145 (100)	505 (100)	101 (100)	485 (100)	97 (100)	370 (100)	74 (100)
	Yes	___[a]	___[a]	5 (0.1)	___[a]	___[a]	___[a]	___[a]	___[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Skin	No	215 (100)	43 (100)	6765 (97.8)	1351 (97.6)	2364 (99.1)	471 (98.7)	2024 (97.8)	407 (98.3)	1159 (98.2)	232 (98.3)	936 (98.5)	186 (97.9)	673 (98.3)	134 (97.8)	724 (99.9)	144 (99.3)	505 (100)	101 (100)	482 (99.4)	96 (99)	365 (98.7)	73 (98.7)
	Yes	0 (0)	0 (0)	155 (2.2)	33 (2.4)	21 (0.9)	___[a]	46 (2.2)	___[a]	21 (1.8)	___[a]	14 (1.5)	___[a]	12 (1.8)	___[a]	___[a]	___[a]	0 (0)	0 (0)	___[a]	___[a]	___[a]	___[a]
Congenital Anomalies of the Urinary System	No	207 (96.3)	41 (95.4)	6830 (98.7)	1371 (99.1)	2377 (99.7)	474 (99.4)	2060 (99.5)	411 (99.3)	1175 (99.6)	235 (99.6)	950 (100)	190 (100)	683 (99.7)	136 (99.3)	725 (100)	145 (100)	503 (99.6)	100 (99)	485 (100)	97 (100)	370 (100)	74 (100)
	Yes	___[a]	___[a]	90 (1.3)	13 (0.9)	___[a]	___[a]	___[a]	___[a]	___[a]	___[a]	0 (0)	0 (0)	___[a]	___[a]	0 (0)	0 (0)	___[a]	___[a]	0 (0)	0 (0)	0 (0)	0 (0)
Intrauterine Hypoxia	No	215 (100)	43 (100)	6872 (99.3)	1373 (99.2)	2377 (99.7)	474 (99.4)	2019 (97.5)	404 (97.6)	1168 (99)	233 (98.7)	949 (99.9)	189 (99.5)	677 (98.8)	135 (98.5)	721 (99.5)	144 (99.3)	505 (100)	101 (100)	485 (100)	97 (100)	369 (99.7)	73 (98.7)
	Yes	0 (0)	0 (0)	48 (0.7)	11 (0.8)	___[a]	___[a]	51 (2.5)	___[a]	12 (1)	___[a]	___[a]	___[a]	___[a]	___[a]	___[a]	___[a]	0 (0)	0 (0)	0 (0)	0 (0)	___[a]	___[a]
Intrauterine Exposure to Noxious Agent	No	215 (100)	43 (100)	6779 (98)	1358 (98.1)	2367 (99.3)	473 (99.2)	2040 (98.6)	409 (98.8)	1177 (99.8)	235 (99.6)	949 (99.9)	189 (99.5)	681 (99.4)	136 (99.3)	707 (97.5)	142 (97.9)	499 (98.8)	100 (99)	485 (100)	97 (100)	370 (100)	74 (100)
	Yes	0 (0)	0 (0)	141 (2)	26 (1.9)	18 (0.8)	___[a]	30 (1.5)	___[a]	___[a]	___[a]	___[a]	___[a]	___[a]	___[a]	18 (2.5)	___[a]	___[a]	___[a]	0 (0)	0 (0)	0 (0)	0 (0)

Condition		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Intrauterine Placental Insufficiency	No	209 (97.2)	42 (97.7)	6788 (98.1)	1353 (97.8)	2346 (98.4)	470 (98.5)	2015 (97.3)	401 (96.9)	1163 (98.6)	232 (98.3)	941 (99.1)	188 (99)	674 (98.4)	136 (99.3)	723 (99.7)	144 (99.3)	504 (99.8)	100 (99)	479 (98.8)	95 (97.9)	367 (99.2)	73 (98.7)
	Yes	—[a]	—[a]	132 (1.9)	31 (2.2)	39 (1.6)	—[a]	55 (2.7)	13 (3.1)	17 (1.4)	—[a]	—[a]	—[a]	11 (1.6)	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]
Infectious Disease (Acute)	No	215 (100)	42 (97.7)	6086 (88)	1222 (88.3)	1800 (75.5)	353 (74)	1214 (58.7)	245 (59.2)	648 (54.9)	124 (52.5)	421 (44.3)	88 (46.3)	227 (33.1)	47 (34.3)	265 (36.6)	57 (39.3)	176 (34.9)	35 (34.7)	151 (31.1)	29 (29.9)	110 (29.7)	24 (32.4)
	Yes	0 (0)	—[a]	834 (12.1)	162 (11.7)	585 (24.5)	124 (26)	856 (41.4)	169 (40.8)	532 (45.1)	112 (47.5)	529 (55.7)	102 (53.7)	458 (66.9)	90 (65.7)	460 (63.5)	88 (60.7)	329 (65.2)	66 (65.4)	334 (68.9)	68 (70.1)	260 (70.3)	50 (67.6)
Neoplasm (Acute)	No	215 (100)	43 (100)	6836 (98.8)	1371 (99.1)	2365 (99.2)	471 (98.7)	2057 (99.4)	410 (99)	1180 (100)	236 (100)	924 (97.3)	186 (97.9)	681 (99.4)	136 (99.3)	725 (100)	145 (100)	491 (97.2)	98 (97)	475 (97.9)	94 (96.9)	341 (92.2)	69 (93.2)
	Yes	0 (0)	0 (0)	84 (1.2)	13 (0.9)	20 (0.8)	—[a]	13 (0.6)	—[a]	0 (0)	0 (0)	26 (2.7)	—[a]	—[a]	—[a]	0 (0)	0 (0)	14 (2.8)	—[a]	—[a]	—[a]	29 (7.8)	—[a]
Endocrine, metabolic, and immunity disorders (Acute)	No	215 (100)	43 (100)	6706 (96.9)	1341 (96.9)	2320 (97.3)	457 (95.8)	1986 (95.9)	392 (94.7)	1111 (94.2)	219 (92.8)	920 (96.8)	186 (97.9)	660 (96.4)	133 (97.1)	699 (96.4)	141 (97.2)	476 (94.3)	94 (93.1)	476 (98.1)	94 (96.9)	324 (87.6)	65 (87.8)
	Yes	0 (0)	0 (0)	214 (3.1)	43 (3.1)	65 (2.7)	20 (4.2)	84 (4.1)	22 (5.3)	69 (5.9)	17 (7.2)	30 (3.2)	—[a]	25 (3.7)	—[a]	26 (3.6)	—[a]	29 (5.7)	—[a]	—[a]	—[a]	46 (12.4)	—[a]
Diseases of blood and blood-forming organs (Acute)	No	215 (100)	43 (100)	6833 (98.7)	1364 (98.6)	2336 (98)	467 (97.9)	1880 (90.8)	379 (91.6)	1047 (88.7)	208 (88.1)	895 (94.2)	176 (92.6)	592 (86.4)	121 (88.3)	589 (81.2)	121 (83.5)	412 (81.6)	82 (81.2)	418 (86.2)	82 (84.5)	285 (77)	55 (74.3)
	Yes	0 (0)	0 (0)	87 (1.3)	20 (1.5)	49 (2.1)	—[a]	190 (9.2)	35 (8.5)	133 (11.3)	28 (11.9)	55 (5.8)	14 (7.4)	93 (13.6)	16 (11.7)	136 (18.8)	24 (16.6)	93 (18.4)	19 (18.8)	67 (13.8)	15 (15.5)	85 (23)	19 (25.7)
Diseases of the nervous system and sense organs (Acute)	No	208 (96.7)	42 (97.7)	6507 (94)	1290 (93.2)	1810 (75.9)	354 (74.2)	1058 (51.1)	218 (52.7)	577 (48.9)	117 (49.6)	359 (37.8)	71 (37.4)	203 (29.6)	46 (33.6)	195 (26.9)	39 (26.9)	107 (21.2)	28 (27.7)	103 (21.2)	20 (20.6)	75 (20.3)	14 (18.9)
	Yes	—[a]	—[a]	413 (6)	94 (6.8)	575 (24.1)	123 (25.8)	1012 (48.9)	196 (47.3)	603 (51.1)	119 (50.4)	591 (62.2)	119 (62.6)	482 (70.4)	91 (66.4)	530 (73.1)	106 (73.1)	398 (78.8)	73 (72.3)	382 (78.8)	77 (79.4)	295 (79.7)	60 (81.1)
Diseases of the circulatory system (Acute)	No	215 (100)	43 (100)	6860 (99.1)	1371 (99.1)	2381 (99.8)	476 (99.8)	2064 (99.7)	413 (99.8)	1151 (97.5)	231 (97.9)	944 (99.4)	189 (99.5)	679 (99.1)	136 (99.3)	722 (99.6)	144 (99.3)	482 (95.5)	96 (95.1)	472 (97.3)	95 (97.9)	370 (100)	74 (100)
	Yes	0 (0)	0 (0)	60 (0.9)	13 (0.9)	—[a]	—[a]	—[a]	—[a]	29 (2.5)	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	23 (4.6)	—[a]	13 (2.7)	—[a]	0 (0)	0 (0)
Diseases of the respiratory system (Acute)	No	214 (99.5)	42 (97.7)	5618 (81.2)	1109 (80.1)	1131 (47.4)	224 (47)	826 (39.9)	152 (36.7)	321 (27.2)	67 (28.4)	175 (18.4)	37 (19.5)	127 (18.5)	28 (20.4)	127 (17.5)	26 (17.9)	84 (16.6)	18 (17.8)	44 (9.1)	12 (12.4)	23 (6.2)	—[a]
	Yes	—[a]	—[a]	1302 (18.8)	275 (19.9)	1254 (52.6)	253 (53)	1244 (60.1)	262 (63.3)	859 (72.8)	169 (71.6)	775 (81.6)	153 (80.5)	558 (81.5)	109 (79.6)	598 (82.5)	119 (82.1)	421 (83.4)	83 (82.2)	441 (90.9)	85 (87.6)	347 (93.8)	69 (93.2)
Diseases of the digestive system (Acute)	No	158 (73.5)	33 (76.7)	5136 (74.2)	1041 (75.2)	1560 (65.4)	306 (64.2)	1217 (58.8)	247 (59.7)	586 (49.7)	118 (50)	505 (53.2)	104 (54.7)	348 (50.8)	69 (50.4)	355 (49)	75 (51.7)	230 (45.5)	47 (46.5)	224 (46.2)	44 (45.4)	102 (27.6)	21 (28.4)
	Yes	57 (26.5)	—[a]	1784 (25.8)	343 (24.8)	825 (34.6)	171 (35.9)	853 (41.2)	167 (40.3)	594 (50.3)	118 (50)	445 (46.8)	86 (45.3)	337 (49.2)	68 (49.6)	370 (51)	70 (48.3)	275 (54.5)	54 (53.5)	261 (53.8)	53 (54.6)	268 (72.4)	53 (71.6)
Diseases of the genitourinary system (Acute)	No	191 (88.8)	37 (86.1)	6191 (89.5)	1248 (90.2)	1911 (80.1)	391 (82)	1585 (76.6)	322 (77.8)	886 (75.1)	177 (75)	655 (69)	132 (69.5)	442 (64.5)	93 (67.9)	553 (76.3)	108 (74.5)	420 (83.2)	80 (79.2)	382 (78.8)	74 (76.3)	191 (51.6)	40 (54.1)
	Yes	24 (11.2)	—[a]	729 (10.5)	136 (9.8)	474 (19.9)	86 (18)	485 (23.4)	92 (22.2)	294 (24.9)	59 (25)	295 (31.1)	58 (30.5)	243 (35.5)	44 (32.1)	172 (23.7)	37 (25.5)	85 (16.8)	21 (20.8)	103 (21.2)	23 (23.7)	179 (48.4)	34 (46)
Diseases of the skin and subcutaneous tissue (Acute)	No	213 (99.1)	42 (97.7)	6284 (90.8)	1259 (91)	2055 (86.2)	399 (83.7)	1590 (76.8)	315 (76.1)	775 (65.7)	153 (64.8)	673 (70.8)	138 (72.6)	409 (59.7)	83 (60.6)	433 (59.7)	91 (62.8)	269 (53.3)	56 (55.5)	309 (63.7)	61 (62.9)	173 (46.8)	35 (47.3)
	Yes	—[a]	—[a]	636 (9.2)	125 (9)	330 (13.8)	78 (16.4)	480 (23.2)	99 (23.9)	405 (34.3)	83 (35.2)	277 (29.2)	52 (27.4)	276 (40.3)	54 (39.4)	292 (40.3)	54 (37.2)	236 (46.7)	45 (44.6)	176 (36.3)	36 (37.1)	197 (53.2)	39 (52.7)
Diseases of the musculoskeletal system (Acute)	No	215 (100)	43 (100)	6797 (98.2)	1360 (98.3)	2299 (96.4)	458 (96)	1986 (95.9)	396 (95.7)	1098 (93.1)	218 (92.4)	889 (93.6)	176 (92.6)	642 (93.7)	130 (94.9)	634 (87.5)	125 (86.2)	437 (86.5)	86 (85.2)	455 (93.8)	90 (92.8)	335 (90.5)	64 (86.5)
	Yes	0 (0)	0 (0)	123 (1.8)	24 (1.7)	86 (3.6)	19 (4)	84 (4.1)	18 (4.4)	82 (7)	18 (7.6)	61 (6.4)	14 (7.4)	43 (6.3)	—[a]	91 (12.6)	20 (13.8)	68 (13.5)	15 (14.9)	30 (6.2)	—[a]	35 (9.5)	—[a]
Congenital anomalies	No	165 (76.7)	32 (74.4)	5761 (83.3)	1155 (83.5)	1967 (82.5)	389 (81.6)	1673 (80.8)	328 (79.2)	967 (82)	193 (81.8)	738 (77.7)	148 (77.9)	565 (82.5)	113 (82.5)	652 (89.9)	127 (87.6)	435 (86.1)	82 (81.2)	419 (86.4)	81 (83.5)	304 (82.2)	60 (81.1)
	Yes	50 (23.3)	11 (25.6)	1159 (16.8)	229 (16.6)	418 (17.5)	88 (18.5)	397 (19.2)	86 (20.8)	213 (18.1)	43 (18.2)	212 (22.3)	42 (22.1)	120 (17.5)	24 (17.5)	73 (10.1)	18 (12.4)	70 (13.9)	19 (18.8)	66 (13.6)	16 (16.5)	66 (17.8)	14 (18.9)
Certain conditions originating in the perinatal period (Acute)	No	131 (60.9)	24 (55.8)	2348 (33.9)	462 (33.4)	1062 (44.5)	203 (42.6)	1008 (48.7)	190 (45.9)	668 (56.6)	130 (55.1)	475 (50)	95 (50)	345 (50.4)	69 (50.4)	348 (48)	74 (51)	267 (52.9)	54 (53.5)	253 (52.2)	50 (51.6)	199 (53.8)	35 (47.3)
	Yes	84 (39.1)	19 (44.2)	4572 (66.1)	922 (66.6)	1323 (55.5)	274 (57.4)	1062 (51.3)	224 (54.1)	512 (43.4)	106 (44.9)	475 (50)	95 (50)	340 (49.6)	68 (49.6)	377 (52)	71 (49)	238 (47.1)	47 (46.5)	232 (47.8)	47 (48.5)	171 (46.2)	39 (52.7)
Injury and poisoning (Acute)	No	215 (100)	43 (100)	6614 (95.6)	1322 (95.5)	2205 (92.5)	441 (92.5)	1729 (83.5)	344 (83.1)	891 (75.5)	174 (73.7)	614 (64.6)	128 (67.4)	428 (62.5)	83 (60.6)	424 (58.5)	87 (60)	272 (53.9)	57 (56.4)	229 (47.2)	44 (45.4)	197 (53.2)	38 (51.4)
	Yes	0 (0)	0 (0)	306 (4.4)	62 (4.5)	180 (7.6)	36 (7.6)	341 (16.5)	70 (16.9)	289 (24.5)	62 (26.3)	336 (35.4)	62 (32.6)	257 (37.5)	54 (39.4)	301 (41.5)	58 (40)	233 (46.1)	44 (43.6)	256 (52.8)	53 (54.6)	173 (46.8)	36 (48.7)
Infectious Disease (Chronic)	No	215 (100)	43 (100)	6910 (99.9)	1382 (99.9)	2385 (100)	477 (100)	2070 (100)	414 (100)	1180 (100)	236 (100)	950 (100)	190 (100)	685 (100)	137 (100)	725 (100)	145 (100)	505 (100)	101 (100)	485 (100)	97 (100)	370 (100)	74 (100)
	Yes	0 (0)	0 (0)	—[a]	—[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Neoplasm (Chronic)	No	215 (100)	43 (100)	6898 (99.7)	1378 (99.6)	2376 (99.6)	475 (99.6)	2070 (100)	414 (100)	1180 (100)	236 (100)	950 (100)	190 (100)	685 (100)	137 (100)	725 (100)	145 (100)	505 (100)	101 (100)	485 (100)	97 (100)	360 (97.3)	73 (98.7)
	Yes	0 (0)	0 (0)	22 (0.3)	—[a]	—[a]	—[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	—[a]	—[a]
Endocrine, metabolic, and immunity disorders (Chronic)	No	209 (97.2)	42 (97.7)	6745 (97.5)	1346 (97.3)	2331 (97.7)	463 (97.1)	1991 (96.2)	397 (95.9)	1158 (98.1)	231 (97.9)	916 (96.4)	182 (95.8)	672 (98.1)	134 (97.8)	713 (98.3)	141 (97.2)	479 (94.9)	95 (94.1)	451 (93)	91 (93.8)	337 (91.1)	66 (89.2)
	Yes	—[a]	—[a]	175 (2.5)	38 (2.8)	54 (2.3)	14 (2.9)	79 (3.8)	17 (4.1)	22 (1.9)	—[a]	34 (3.6)	—[a]	13 (1.9)	—[a]	12 (1.7)	—[a]	26 (5.2)	—[a]	34 (7)	—[a]	33 (8.9)	—[a]
Diseases of blood and blood-forming organs (Chronic)	No	215 (100)	43 (100)	6825 (98.6)	1363 (98.5)	2339 (98.1)	467 (97.9)	2042 (98.7)	407 (98.3)	1174 (99.5)	235 (99.6)	929 (97.8)	185 (97.4)	670 (97.8)	135 (98.5)	696 (96)	139 (95.9)	505 (100)	101 (100)	464 (95.7)	93 (95.9)	355 (96)	71 (96)
	Yes	0 (0)	0 (0)	95 (1.4)	21 (1.5)	46 (1.9)	—[a]	28 (1.4)	—[a]	—[a]	—[a]	21 (2.2)	—[a]	15 (2.2)	—[a]	29 (4)	—[a]	0 (0)	0 (0)	21 (4.3)	—[a]	15 (4.1)	—[a]
Diseases of the nervous system and sense organs (Chronic)	No	215 (100)	43 (100)	6201 (89.6)	1226 (88.6)	2140 (89.7)	422 (88.5)	1889 (91.3)	371 (89.6)	1105 (93.6)	216 (91.5)	838 (88.2)	167 (87.9)	629 (91.8)	122 (89.1)	672 (92.7)	132 (91)	424 (84)	86 (85.2)	431 (88.9)	81 (83.5)	313 (84.6)	61 (82.4)
	Yes	0 (0)	0 (0)	719 (10.4)	158 (11.4)	245 (10.3)	55 (11.5)	181 (8.7)	43 (10.4)	75 (6.4)	20 (8.5)	112 (11.8)	23 (12.1)	56 (8.2)	15 (11)	53 (7.3)	13 (9)	81 (16)	15 (14.9)	54 (11.1)	16 (16.5)	57 (15.4)	13 (17.6)
Diseases of the circulatory system (Chronic)	No	215 (100)	43 (100)	6682 (96.6)	1334 (96.4)	2322 (97.4)	459 (96.2)	2013 (97.3)	399 (96.4)	1151 (97.5)	232 (98.3)	922 (97.1)	184 (96.8)	647 (94.5)	130 (94.9)	689 (95)	137 (94.5)	487 (96.4)	97 (96)	469 (96.7)	93 (95.9)	364 (98.4)	73 (98.7)
	Yes	0 (0)	0 (0)	238 (3.4)	50 (3.6)	63 (2.6)	18 (3.8)	57 (2.8)	15 (3.6)	29 (2.5)	—[a]	28 (3)	—[a]	38 (5.6)	—[a]	36 (5)	—[a]	18 (3.6)	—[a]	16 (3.3)	—[a]	—[a]	—[a]
Diseases of the respiratory system (Chronic)	No	215 (100)	43 (100)	6784 (98)	1357 (98.1)	2170 (91)	432 (90.6)	1811 (87.5)	356 (86)	975 (82.6)	196 (83.1)	696 (73.3)	141 (74.2)	466 (68)	94 (68.6)	508 (70.1)	98 (67.6)	377 (74.7)	75 (74.3)	297 (61.2)	57 (58.8)	260 (70.3)	48 (64.9)
	Yes	0 (0)	0 (0)	136 (2)	27 (2)	215 (9)	45 (9.4)	259 (12.5)	58 (14)	205 (17.4)	40 (17)	254 (26.7)	49 (25.8)	219 (32)	43 (31.4)	217 (29.9)	47 (32.4)	128 (25.4)	26 (25.7)	188 (38.8)	40 (41.2)	110 (29.7)	26 (35.1)
Diseases of the digestive system (Chronic)	No	215 (100)	43 (100)	6395 (92.4)	1278 (92.3)	2193 (92)	432 (90.6)	1897 (91.6)	379 (91.6)	1131 (95.9)	224 (94.9)	879 (92.5)	173 (91.1)	601 (87.7)	122 (89.1)	660 (91)	134 (92.4)	490 (97)	96 (95.1)	453 (93.4)	89 (91.8)	334 (90.3)	68 (91.9)
	Yes	0 (0)	0 (0)	525 (7.6)	106 (7.7)	192 (8.1)	45 (9.4)	173 (8.4)	35 (8.5)	49 (4.2)	12 (5.1)	71 (7.5)	17 (9)	84 (12.3)	15 (11)	65 (9)	11 (7.6)	15 (3)	—[a]	32 (6.6)	—[a]	36 (9.7)	—[a]
Diseases of the genitourinary system (Chronic)	No	215 (100)	43 (100)	6899 (99.7)	1380 (99.7)	2366 (99.2)	473 (99.2)	2060 (99.5)	411 (99.3)	1178 (99.8)	235 (99.6)	936 (98.5)	188 (99)	661 (96.5)	131 (95.6)	718 (99)	143 (98.6)	502 (99.4)	100 (99)	483 (99.6)	96 (99)	365 (98.7)	73 (98.7)
	Yes	0 (0)	0 (0)	21 (0.3)	—[a]	19 (0.8)	—[a]	—[a]	—[a]	—[a]	—[a]	14 (1.5)	—[a]	24 (3.5)	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]
Diseases of the skin and subcutaneous tissue (Chronic)	No	215 (100)	43 (100)	6871 (99.3)	1371 (99.1)	2320 (97.3)	462 (96.9)	1949 (94.2)	387 (93.5)	1084 (91.9)	218 (92.4)	892 (93.9)	177 (93.2)	595 (86.9)	118 (86.1)	623 (85.9)	126 (86.9)	465 (92.1)	92 (91.1)	427 (88)	84 (86.6)	328 (88.7)	65 (87.8)
	Yes	0 (0)	0 (0)	49 (0.7)	13 (0.9)	65 (2.7)	15 (3.1)	121 (5.9)	27 (6.5)	96 (8.1)	18 (7.6)	58 (6.1)	13 (6.8)	90 (13.1)	19 (13.9)	102 (14.1)	19 (13.1)	40 (7.9)	—[a]	58 (12)	13 (13.4)	42 (11.4)	—[a]
Diseases of the musculoskeletal system (Chronic)	No	215 (100)	43 (100)	6908 (99.8)	1382 (99.9)	2378 (99.7)	476 (99.8)	2064 (99.7)	413 (99.8)	1170 (99.2)	234 (99.2)	943 (99.3)	188 (99)	685 (100)	137 (100)	707 (97.5)	142 (97.9)	504 (99.8)	100 (99)	475 (97.9)	95 (97.9)	370 (100)	74 (100)
	Yes	0 (0)	0 (0)	12 (0.2)	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	0 (0)	0 (0)	18 (2.5)	—[a]	—[a]	—[a]	—[a]	—[a]	0 (0)	0 (0)
Certain conditions originating in the perinatal period (Chronic)	No	215 (100)	43 (100)	6815 (98.5)	1364 (98.6)	2363 (99.1)	473 (99.2)	2046 (98.8)	409 (98.8)	1177 (99.8)	235 (99.6)	947 (99.7)	189 (99.5)	678 (99)	135 (98.5)	706 (97.4)	142 (97.9)	500 (99)	100 (99)	485 (100)	97 (100)	370 (100)	74 (100)
	Yes	0 (0)	0 (0)	105 (1.5)	20 (1.5)	22 (0.9)	—[a]	24 (1.2)	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	19 (2.6)	—[a]	—[a]	—[a]	0 (0)	0 (0)	0 (0)	0 (0)
Injury and poisoning (Chronic)	No	215 (100)	43 (100)	6920 (100)	1384 (100)	2385 (100)	477 (100)	2044 (98.7)	409 (98.8)	1167 (98.9)	233 (98.7)	933 (98.2)	187 (98.4)	674 (98.4)	135 (98.5)	700 (96.6)	141 (97.2)	492 (97.4)	98 (97)	467 (96.3)	92 (94.9)	342 (92.4)	70 (94.6)
	Yes	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	26 (1.3)	—[a]	13 (1.1)	—[a]	17 (1.8)	—[a]	11 (1.6)	—[a]	25 (3.5)	—[a]	13 (2.6)	—[a]	18 (3.7)	—[a]	28 (7.6)	—[a]

[a] These data are not presented as the report of data for any subgroup with 10 or fewer subjects is prohibited by the Centers for Medicare & Medicaid Services data use agreement.

Table 11: Characteristics of NY Circumcision Matched Cohorts by Age at Exposure

Characteristic		>28 days - ≤6 months		>6 months - ≤1 yr		>1 yr - ≤1.5 yrs		>1.5 yrs - ≤2 yrs		>2 yrs - ≤2.5 yrs		>2.5 yrs - ≤3 yrs		>3 yrs - ≤3.5 yrs		>3.5 yrs - ≤4 yrs		>4 yrs - ≤4.5 yrs		>4.5 yrs - ≤5 yrs	
		Exposure		Exposure		Exposure		Exposure		Exposure		Exposure		Exposure		Exposure		Exposure		Exposure	
		No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)
Sex	Female	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	Male	2745 (100)	549 (100)	4785 (100)	957 (100)	4395 (100)	879 (100)	2425 (100)	485 (100)	1520 (100)	304 (100)	1075 (100)	215 (100)	750 (100)	150 (100)	625 (100)	125 (100)	650 (100)	130 (100)	380 (100)	76 (100)
Race	White	560 (20.4)	118 (21.5)	1373 (28.7)	265 (27.7)	976 (22.2)	199 (22.6)	474 (19.6)	108 (22.3)	249 (16.4)	60 (19.7)	251 (23.4)	51 (23.7)	144 (19.2)	29 (19.3)	95 (15.2)	19 (15.2)	133 (20.5)	32 (24.6)	82 (21.6)	15 (19.7)
	Black	1262 (46)	243 (44.3)	1850 (38.7)	357 (37.3)	1764 (40.1)	342 (38.9)	997 (41.1)	196 (40.4)	558 (36.7)	105 (34.5)	342 (31.8)	71 (33)	198 (26.4)	42 (28)	186 (29.8)	35 (28)	237 (36.5)	40 (30.8)	94 (24.7)	19 (25)
	Hispanic	301 (11)	59 (10.8)	600 (12.5)	134 (14)	550 (12.5)	115 (13.1)	436 (18)	82 (16.9)	379 (24.9)	71 (23.4)	262 (24.4)	50 (23.3)	235 (31.3)	46 (30.7)	181 (29)	37 (29.6)	130 (20)	29 (22.3)	127 (33.4)	24 (31.6)
	Other	622 (22.7)	129 (23.5)	962 (20.1)	201 (21)	1105 (25.1)	223 (25.4)	518 (21.4)	99 (20.4)	334 (22)	68 (22.4)	220 (20.5)	43 (20)	173 (23.1)	33 (22)	163 (26.1)	34 (27.2)	150 (23.1)	29 (22.3)	77 (20.3)	18 (23.7)
Income Based on ZIP Code of Residence (quartile)	Quartile 1	903 (32.9)	179 (32.6)	1552 (32.4)	306 (32)	1605 (36.5)	303 (34.5)	706 (29.1)	149 (30.7)	544 (35.8)	98 (32.2)	361 (33.6)	65 (30.2)	255 (34)	47 (31.3)	184 (29.4)	38 (30.4)	201 (30.9)	40 (30.8)	69 (18.2)	18 (23.7)
	Quartile 2	757 (27.6)	158 (28.8)	1125 (23.5)	225 (23.5)	1195 (27.2)	229 (26.1)	781 (32.2)	150 (30.9)	343 (22.6)	71 (23.4)	307 (28.6)	64 (29.8)	172 (22.9)	36 (24)	159 (25.4)	29 (23.2)	157 (24.2)	32 (24.6)	91 (24)	21 (27.6)
	Quartile 3	508 (18.5)	107 (19.5)	1071 (22.4)	211 (22.1)	813 (18.5)	175 (19.9)	490 (20.2)	94 (19.4)	348 (22.9)	68 (22.4)	253 (23.5)	49 (22.8)	217 (28.9)	44 (29.3)	162 (25.9)	33 (26.4)	174 (26.8)	32 (24.6)	93 (24.5)	16 (21.1)
	Quartile 4	577 (21)	105 (19.1)	1037 (21.7)	215 (22.5)	782 (17.8)	172 (19.6)	448 (18.5)	92 (19)	285 (18.8)	67 (22)	154 (14.3)	37 (17.2)	106 (14.1)	23 (15.3)	120 (19.2)	25 (20)	118 (18.2)	26 (20)	127 (33.4)	21 (27.6)
Number of Outpatient Visits (quartile)	Quartile 1	0 (0)	0 (0)	620 (13)	118 (12.3)	757 (17.2)	147 (16.7)	359 (14.8)	78 (16.1)	291 (19.1)	62 (20.4)	209 (19.4)	46 (21.4)	152 (20.3)	31 (20.7)	140 (22.4)	28 (22.4)	104 (16)	19 (14.6)	51 (13.4)	[a]
	Quartile 2	1449 (52.8)	285 (51.9)	1070 (22.4)	214 (22.4)	937 (21.3)	187 (21.3)	700 (28.9)	144 (29.7)	430 (28.3)	77 (25.3)	271 (25.2)	49 (22.8)	207 (27.6)	40 (26.7)	168 (26.9)	35 (28)	117 (18)	25 (19.2)	97 (25.5)	22 (29)
	Quartile 3	283 (10.3)	56 (10.2)	1156 (24.2)	243 (25.4)	1283 (29.2)	262 (29.8)	753 (31.1)	136 (28)	361 (23.8)	77 (25.3)	292 (27.2)	59 (27.4)	176 (23.5)	36 (24)	156 (25)	28 (22.4)	230 (35.4)	46 (35.4)	121 (31.8)	24 (31.6)
	Quartile 4	1013 (36.9)	208 (37.9)	1939 (40.5)	382 (39.9)	1418 (32.3)	283 (32.2)	613 (25.3)	127 (26.2)	438 (28.8)	88 (29)	303 (28.2)	61 (28.4)	215 (28.7)	43 (28.7)	161 (25.8)	34 (27.2)	199 (30.6)	40 (30.8)	111 (29.2)	22 (29)
Total Number of Inpatient Stays (n)	0	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	1	2440 (88.9)	478 (87.1)	3896 (81.4)	765 (79.9)	3490 (79.4)	698 (79.4)	1881 (77.6)	368 (75.9)	1201 (79)	231 (76)	798 (74.2)	156 (72.6)	460 (61.3)	91 (60.7)	438 (70.1)	89 (71.2)	424 (65.2)	83 (63.9)	275 (72.4)	52 (68.4)
	2	184 (6.7)	43 (7.8)	695 (14.5)	149 (15.6)	717 (16.3)	143 (16.3)	373 (15.4)	82 (16.9)	207 (13.6)	48 (15.8)	214 (19.9)	42 (19.5)	184 (24.5)	38 (25.3)	133 (21.3)	26 (20.8)	162 (24.9)	34 (26.2)	72 (19)	17 (22.4)
	3 or more	121 (4.4)	28 (5.1)	194 (4.1)	43 (4.5)	188 (4.3)	38 (4.3)	171 (7.1)	35 (7.2)	112 (7.4)	25 (8.2)	63 (5.9)	17 (7.9)	106 (14.1)	21 (14)	54 (8.6)	[a]	64 (9.9)	13 (10)	33 (8.7)	[a]
<36 Weeks Gestational Age	No	2535 (92.4)	501 (91.3)	4191 (87.6)	830 (86.7)	3882 (88.3)	769 (87.5)	2106 (86.9)	426 (87.8)	1406 (92.5)	281 (92.4)	964 (89.7)	195 (90.7)	724 (96.5)	145 (96.7)	579 (92.6)	115 (92)	635 (97.7)	127 (97.7)	364 (95.8)	73 (96.1)
	Yes	210 (7.7)	48 (8.7)	594 (12.4)	127 (13.3)	513 (11.7)	110 (12.5)	319 (13.2)	59 (12.2)	114 (7.5)	23 (7.6)	111 (10.3)	20 (9.3)	26 (3.5)	[a]	46 (7.4)	[a]	15 (2.3)	[a]	16 (4.2)	[a]
Low Birth Weight (<2500g and ≥1500g)	No	2550 (92.9)	509 (92.7)	4242 (88.7)	850 (88.8)	3882 (88.3)	774 (88.1)	2149 (88.6)	437 (90.1)	1432 (94.2)	284 (93.4)	1005 (93.5)	199 (92.6)	701 (93.5)	142 (94.7)	580 (92.8)	115 (92)	621 (95.5)	124 (95.4)	333 (87.6)	67 (88.2)
	Yes	195 (7.1)	40 (7.3)	543 (11.4)	107 (11.2)	513 (11.7)	105 (12)	276 (11.4)	48 (9.9)	88 (5.8)	20 (6.6)	70 (6.5)	16 (7.4)	49 (6.5)	[a]	45 (7.2)	[a]	29 (4.5)	[a]	47 (12.4)	[a]
Very Low Birth Weight (<1500g and ≥1000g)	No	2679 (97.6)	535 (97.5)	4702 (98.3)	938 (98)	4327 (98.5)	866 (98.5)	2375 (97.9)	475 (97.9)	1492 (98.2)	299 (98.4)	1046 (97.3)	211 (98.1)	739 (98.5)	148 (98.7)	616 (98.6)	123 (98.4)	650 (100)	130 (100)	367 (96.6)	74 (97.4)
	Yes	66 (2.4)	14 (2.6)	83 (1.7)	19 (2)	68 (1.6)	13 (1.5)	50 (2.1)	[a]	28 (1.8)	[a]	29 (2.7)	[a]	11 (1.5)	[a]	[a]	[a]	0 (0)	0 (0)	13 (3.4)	[a]
Extremely Low Birth Weight (<1000g)	No	2728 (99.4)	544 (99.1)	4758 (99.4)	951 (99.4)	4375 (99.5)	874 (99.4)	2423 (99.9)	484 (99.8)	1507 (99.1)	302 (99.3)	1067 (99.3)	214 (99.5)	742 (98.9)	149 (99.3)	619 (99)	124 (99.2)	641 (98.6)	129 (99.2)	380 (100)	76 (100)
	Yes	17 (0.6)	[a]	27 (0.6)	[a]	20 (0.5)	[a]	[a]	[a]	13 (0.9)	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	0 (0)	0 (0)
Chromosomal Anomalies	No	2745 (100)	549 (100)	4769 (99.7)	954 (99.7)	4384 (99.8)	876 (99.7)	2425 (100)	485 (100)	1520 (100)	304 (100)	1075 (100)	215 (100)	746 (99.5)	149 (99.3)	625 (100)	125 (100)	650 (100)	130 (100)	380 (100)	76 (100)
	Yes	0 (0)	0 (0)	16 (0.3)	[a]	11 (0.3)	[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Heart and Circulatory System	No	2628 (95.7)	524 (95.5)	4541 (94.9)	906 (94.7)	4171 (94.9)	833 (94.8)	2320 (95.7)	460 (94.9)	1487 (97.8)	297 (97.7)	1025 (95.4)	208 (96.7)	723 (96.4)	145 (96.7)	602 (96.3)	121 (96.8)	644 (99.1)	128 (98.5)	376 (99)	75 (98.7)
	Yes	117 (4.3)	25 (4.6)	244 (5.1)	51 (5.3)	224 (5.1)	46 (5.2)	105 (4.3)	25 (5.2)	33 (2.2)	[a]	50 (4.7)	[a]	27 (3.6)	[a]	23 (3.7)	[a]	[a]	[a]	[a]	[a]
Congenital Anomalies of the Central Nervous System	No	2739 (99.8)	547 (99.6)	4769 (99.7)	954 (99.7)	4395 (100)	879 (100)	2419 (99.8)	483 (99.6)	1520 (100)	304 (100)	1075 (100)	215 (100)	750 (100)	150 (100)	618 (98.9)	124 (99.2)	644 (99.1)	129 (99.2)	380 (100)	76 (100)
	Yes	[a]	[a]	16 (0.3)	[a]	0 (0)	0 (0)	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	[a]	[a]	[a]	[a]	0 (0)	0 (0)
Congenital Anomalies of the Eye	No	2727 (99.3)	546 (99.5)	4752 (99.3)	950 (99.3)	4361 (99.2)	873 (99.3)	2407 (99.3)	482 (99.4)	1507 (99.1)	301 (99)	1073 (99.8)	214 (99.5)	750 (100)	150 (100)	619 (99)	124 (99.2)	650 (100)	130 (100)	380 (100)	76 (100)
	Yes	18 (0.7)	[a]	33 (0.7)	[a]	34 (0.8)	[a]	18 (0.7)	[a]	13 (0.9)	[a]	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Genital Organs	No	2663 (97)	534 (97.3)	4460 (93.2)	895 (93.5)	4176 (95)	835 (95)	2336 (96.3)	461 (95.1)	1476 (97.1)	293 (96.4)	1055 (98.1)	211 (98.1)	721 (96.1)	145 (96.7)	592 (94.7)	118 (94.4)	647 (99.5)	129 (99.2)	374 (98.4)	75 (98.7)
	Yes	82 (3)	15 (2.7)	325 (6.8)	62 (6.5)	219 (5)	44 (5)	89 (3.7)	24 (5)	44 (2.9)	11 (3.6)	20 (1.9)	[a]	29 (3.9)	[a]	33 (5.3)	[a]	[a]	[a]	[a]	[a]
Congenital Anomalies of the Digestive System	No	2738 (99.7)	547 (99.6)	4745 (99.2)	951 (99.4)	4387 (99.8)	877 (99.8)	2412 (99.5)	482 (99.4)	1520 (100)	304 (100)	1075 (100)	215 (100)	750 (100)	150 (100)	618 (98.9)	124 (99.2)	650 (100)	130 (100)	380 (100)	76 (100)
	Yes	[a]	[a]	40 (0.8)	[a]	[a]	[a]	13 (0.5)	[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Musculoskeletal Deformities	No	2742 (99.9)	545 (99.3)	4714 (98.5)	945 (98.8)	4337 (98.7)	864 (98.3)	2410 (99.4)	482 (99.4)	1514 (99.6)	303 (99.7)	1061 (98.7)	211 (98.1)	735 (98)	147	625 (100)	125 (100)	638 (98.2)	127 (97.7)	380 (100)	76 (100)
	Yes	[a]	[a]	71 (1.5)	12 (1.3)	58 (1.3)	15 (1.7)	15 (0.6)	[a]	[a]	[a]	14 (1.3)	[a]	15 (2)	[a]	0 (0)	0 (0)	12 (1.9)	[a]	0 (0)	0 (0)
Other Congenital Anomalies	No	2745 (100)	549 (100)	4774 (99.8)	955 (99.8)	4395 (100)	879 (100)	2425 (100)	485 (100)	1520 (100)	304 (100)	1075 (100)	215 (100)	750 (100)	150 (100)	625 (100)	125 (100)	650 (100)	130 (100)	380 (100)	76 (100)
	Yes	0 (0)	0 (0)	11 (0.2)	[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Respiratory System	No	2745 (100)	549 (100)	4768 (99.6)	954 (99.7)	4388 (99.8)	878 (99.9)	2425 (100)	485 (100)	1520 (100)	304 (100)	1075 (100)	215 (100)	750 (100)	150 (100)	625 (100)	125 (100)	650 (100)	130 (100)	380 (100)	76 (100)
	Yes	0 (0)	0 (0)	17 (0.4)	[a]	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Congenital Anomalies of the Skin	No	2721 (99.1)	542 (98.7)	4707 (98.4)	938 (98)	4309 (98)	860 (97.8)	2390 (98.6)	478 (98.6)	1504 (99)	300 (98.7)	1055 (98.1)	211 (98.1)	742 (98.9)	148 (98.7)	618 (98.9)	123 (98.4)	626 (96.3)	126 (96.9)	380 (100)	76 (100)
	Yes	24 (0.9)	[a]	78 (1.6)	19 (2)	86 (2)	19 (2.2)	35 (1.4)	[a]	16 (1.1)	[a]	20 (1.9)	[a]	[a]	[a]	[a]	[a]	24 (3.7)	[a]	0 (0)	0 (0)
Congenital Anomalies of the Urinary System	No	2717 (99)	544 (99.1)	4740 (99.1)	947 (99)	4376 (99.6)	873 (99.3)	2414 (99.6)	482 (99.4)	1508 (99.2)	300 (98.7)	1064 (99)	212 (98.6)	750 (100)	150 (100)	620 (99.2)	124 (99.2)	650 (100)	130 (100)	380 (100)	76 (100)
	Yes	28 (1)	[a]	45 (0.9)	[a]	19 (0.4)	[a]	11 (0.5)	[a]	12 (0.8)	[a]	11 (1)	[a]	0 (0)	0 (0)	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)
Intrauterine Hypoxia	No	2728 (99.4)	545 (99.3)	4740 (99.1)	949 (99.2)	4375 (99.5)	873 (99.3)	2421 (99.8)	484 (99.8)	1516 (99.7)	302 (99.3)	1075 (100)	215 (100)	736 (98.1)	147 (98)	616 (98.6)	123 (98.4)	636 (97.9)	128 (98.5)	380 (100)	76 (100)
	Yes	17 (0.6)	[a]	45 (0.9)	[a]	20 (0.5)	[a]	[a]	[a]	[a]	[a]	0 (0)	0 (0)	14 (1.9)	[a]	[a]	[a]	14 (2.2)	[a]	0 (0)	0 (0)
Intrauterine Exposure to Noxious Agent	No	2695 (98.2)	536 (97.6)	4735 (99)	945 (98.8)	4327 (98.5)	865 (98.4)	2380 (98.1)	476 (98.1)	1470 (96.7)	295 (97)	1056 (98.2)	211 (98.1)	745 (99.3)	149 (99.3)	616 (98.6)	123 (98.4)	650 (100)	130 (100)	380 (100)	76 (100)
	Yes	50 (1.8)	13 (2.4)	50 (1)	12 (1.3)	68 (1.6)	14 (1.6)	45 (1.9)	[a]	50 (3.3)	[a]	19 (1.8)	[a]	[a]	[a]	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)

Condition	Response																				
Intrauterine Placental Insufficiency	No	2708 (98.7)	543 (98.9)	4632 (96.8)	927 (96.9)	4335 (98.6)	864 (98.3)	2400 (99)	479 (98.8)	1506 (99.1)	302 (99.3)	1055 (98.1)	211 (98.1)	735 (98)	147 (98)	612 (97.9)	123 (98.4)	642 (98.8)	128 (98.5)	367 (96.6)	73 (96.1)
	Yes	37 (1.4)	[a]	153 (3.2)	30 (3.1)	60 (1.4)	15 (1.7)	25 (1)	[a]	14 (0.9)	[a]	20 (1.9)	[a]	15 (2)	[a]	13 (2.1)	[a]	[a]	[a]	[a]	13 (3.4)
Infectious Disease (Acute)	No	2521 (91.8)	499 (90.9)	3499 (73.1)	703 (73.5)	2693 (61.3)	529 (60.2)	1295 (53.4)	260 (53.6)	606 (39.9)	130 (42.8)	407 (37.9)	89 (41.4)	272 (36.3)	53 (35.3)	223 (35.7)	44 (35.2)	169 (26)	33 (25.4)	94 (24.7)	19 (25)
	Yes	224 (8.2)	50 (9.1)	1286 (26.9)	254 (26.5)	1702 (38.7)	350 (39.8)	1130 (46.6)	225 (46.4)	914 (60.1)	174 (57.2)	668 (62.1)	126 (58.6)	478 (63.7)	97 (64.7)	402 (64.3)	81 (64.8)	481 (74)	97 (74.6)	286 (75.3)	57 (75)
Neoplasm (Acute)	No	2731 (99.5)	546 (99.5)	4751 (99.3)	949 (99.2)	4359 (99.2)	870 (99)	2400 (99)	480 (99)	1516 (99.7)	302 (99.3)	1075 (100)	214 (99.5)	723 (96.4)	144 (96)	625 (100)	125 (100)	625 (96.2)	126 (96.9)	373 (98.2)	75 (98.7)
	Yes	14 (0.5)	[a]	34 (0.7)	[a]	36 (0.8)	[a]	25 (1)	[a]	[a]	[a]	[a]	[a]	27 (3.6)	[a]	[a]	[a]	25 (3.9)	[a]	[a]	[a]
Endocrine, metabolic, and immunity disorders (Acute)	No	2707 (98.6)	539 (98.2)	4607 (96.3)	923 (96.5)	4203 (95.6)	843 (95.9)	2330 (96.1)	462 (95.3)	1430 (94.1)	286 (94.1)	1023 (95.2)	202 (94)	676 (90.1)	134 (89.3)	570 (91.2)	112 (89.6)	593 (91.2)	117 (90)	355 (93.4)	70 (92.1)
	Yes	38 (1.4)	[a]	178 (3.7)	34 (3.6)	192 (4.4)	36 (4.1)	95 (3.9)	23 (4.7)	90 (5.9)	18 (5.9)	52 (4.8)	13 (6.1)	74 (9.9)	16 (10.7)	55 (8.8)	13 (10.4)	57 (8.8)	13 (10)	25 (6.6)	[a]
Diseases of blood and blood-forming organs (Acute)	No	2732 (99.5)	546 (99.5)	4659 (97.4)	934 (97.6)	4219 (96)	843 (95.9)	2269 (93.6)	449 (92.6)	1392 (91.6)	275 (90.5)	977 (90.9)	185 (86.1)	664 (88.5)	132 (88)	556 (89)	110 (88)	558 (85.9)	110 (84.6)	297 (78.2)	60 (79)
	Yes	13 (0.5)	[a]	126 (2.6)	23 (2.4)	176 (4)	36 (4.1)	156 (6.4)	36 (7.4)	128 (8.4)	29 (9.5)	98 (9.1)	30 (14)	86 (11.5)	18 (12)	69 (11)	15 (12)	92 (14.2)	20 (15.4)	83 (21.8)	16 (21.1)
Diseases of the nervous system and sense organs (Acute)	No	2566 (93.5)	519 (94.5)	3457 (72.3)	698 (72.9)	2457 (55.9)	493 (56.1)	1125 (46.4)	233 (48)	571 (37.6)	109 (35.9)	376 (35)	78 (36.3)	287 (38.3)	61 (40.7)	220 (35.2)	45 (36)	198 (30.5)	42 (32.3)	80 (21.1)	16 (21.1)
	Yes	179 (6.5)	30 (5.5)	1328 (27.8)	259 (27.1)	1938 (44.1)	386 (43.9)	1300 (53.6)	252 (52)	949 (62.4)	195 (64.1)	699 (65)	137 (63.7)	463 (61.7)	89 (59.3)	405 (64.8)	80 (64)	452 (69.5)	88 (67.7)	300 (79)	60 (79)
Diseases of the circulatory system (Acute)	No	2736 (99.7)	546 (99.5)	4750 (99.3)	949 (99.2)	4379 (99.6)	877 (99.8)	2414 (99.6)	482 (99.4)	1504 (99)	300 (98.7)	1059 (98.5)	212 (98.6)	746 (99.5)	149 (99.3)	620 (99.2)	124 (99.2)	649 (99.9)	129 (99.2)	380 (100)	76 (100)
	Yes	[a]	[a]	35 (0.7)	[a]	16 (0.4)	[a]	11 (0.5)	[a]	16 (1.1)	[a]	16 (1.5)	[a]	[a]	[a]	[a]	[a]	[a]	[a]	0 (0)	0 (0)
Diseases of the respiratory system (Acute)	No	2231 (81.3)	442 (80.5)	2368 (49.5)	463 (48.4)	1567 (35.7)	319 (36.3)	591 (24.4)	126 (26)	341 (22.4)	72 (23.7)	179 (16.7)	37 (17.2)	145 (19.3)	29 (19.3)	133 (21.3)	24 (19.2)	58 (8.9)	13 (10)	43 (11.3)	9 (11.8)
	Yes	514 (18.7)	107 (19.5)	2417 (50.5)	494 (51.6)	2828 (64.4)	560 (63.7)	1834 (75.6)	359 (74)	1179 (77.6)	232 (76.3)	896 (83.4)	178 (82.8)	605 (80.7)	121 (80.7)	492 (78.7)	101 (80.8)	592 (91.1)	117 (90)	337 (88.7)	67 (88.2)
Diseases of the digestive system (Acute)	No	2523 (91.9)	506 (92.2)	3899 (81.5)	772 (80.7)	3183 (72.4)	637 (72.5)	1601 (66)	314 (64.7)	887 (58.4)	183 (60.2)	625 (58.1)	127 (59.1)	418 (55.7)	80 (53.3)	364 (58.2)	69 (55.2)	277 (42.6)	55 (42.3)	162 (42.6)	30 (39.5)
	Yes	222 (8.1)	43 (7.8)	886 (18.5)	185 (19.3)	1212 (27.6)	242 (27.5)	824 (34)	171 (35.3)	633 (41.6)	121 (39.8)	450 (41.9)	88 (40.9)	332 (44.3)	70 (46.7)	261 (41.8)	56 (44.8)	373 (57.4)	75 (57.7)	218 (57.4)	46 (60.5)
Diseases of the genitourinary system (Acute)	No	2598 (94.6)	513 (93.4)	4150 (86.7)	816 (85.3)	3832 (87.2)	752 (85.6)	1978 (81.6)	391 (80.6)	1281 (84.3)	253 (83.2)	857 (79.7)	170 (79.1)	597 (79.6)	119 (79.3)	456 (73)	93 (74.4)	504 (77.5)	100 (76.9)	300 (79)	60 (79)
	Yes	147 (5.4)	36 (6.6)	635 (13.3)	141 (14.7)	563 (12.8)	127 (14.5)	447 (18.4)	94 (19.4)	239 (15.7)	51 (16.8)	218 (20.3)	45 (20.9)	153 (20.4)	31 (20.7)	169 (27)	32 (25.6)	146 (22.5)	30 (23.1)	80 (21.1)	16 (21.1)
Diseases of the skin and subcutaneous tissue (Acute)	No	2459 (89.6)	493 (89.8)	3848 (80.4)	768 (80.3)	3259 (74.2)	654 (74.4)	1687 (69.6)	337 (69.5)	998 (65.7)	198 (65.1)	722 (67.2)	143 (66.5)	474 (63.2)	89 (59.3)	435 (69.6)	78 (62.4)	346 (53.2)	67 (51.5)	169 (44.5)	36 (47.4)
	Yes	286 (10.4)	56 (10.2)	937 (19.6)	189 (19.8)	1136 (25.9)	225 (25.6)	738 (30.4)	148 (30.5)	522 (34.3)	106 (34.9)	353 (32.8)	72 (33.5)	276 (36.8)	61 (40.7)	190 (30.4)	47 (37.6)	304 (46.8)	63 (48.5)	211 (55.5)	40 (52.6)
Diseases of the musculoskeletal system (Acute)	No	2731 (99.5)	546 (99.5)	4607 (96.3)	920 (96.1)	4279 (97.4)	851 (96.8)	2254 (93)	449 (92.6)	1393 (91.6)	275 (90.5)	985 (91.6)	193 (89.8)	698 (93.1)	141 (94)	579 (92.6)	116 (92.8)	517 (79.5)	102 (78.5)	347 (91.3)	67 (88.2)
	Yes	14 (0.5)	[a]	178 (3.7)	37 (3.9)	116 (2.6)	28 (3.2)	171 (7.1)	36 (7.4)	127 (8.4)	29 (9.5)	90 (8.4)	22 (10.2)	52 (6.9)	[a]	46 (7.4)	[a]	133 (20.5)	28 (21.5)	33 (8.7)	[a]
Congenital anomalies	No	2433 (88.6)	482 (87.8)	3687 (77.1)	741 (77.4)	3393 (77.2)	675 (76.8)	1987 (81.9)	386 (79.6)	1260 (82.9)	248 (81.6)	890 (82.8)	175 (81.4)	596 (79.5)	119 (79.3)	494 (79)	101 (80.8)	513 (78.9)	101 (77.7)	339 (89.2)	66 (86.8)
	Yes	312 (11.4)	67 (12.2)	1098 (23)	216 (22.6)	1002 (22.8)	204 (23.2)	438 (18.1)	99 (20.4)	260 (17.1)	56 (18.4)	185 (17.2)	40 (18.6)	154 (20.5)	31 (20.7)	131 (21)	24 (19.2)	137 (21.1)	29 (22.3)	41 (10.8)	[a]
Certain conditions originating in the perinatal period (Acute)	No	1375 (50.1)	269 (49)	1819 (38)	366 (38.2)	1774 (40.4)	358 (40.7)	1008 (41.6)	204 (42.1)	726 (47.8)	138 (45.4)	499 (46.4)	100 (46.5)	341 (45.5)	76 (50.7)	307 (49.1)	61 (48.8)	270 (41.5)	57 (43.9)	182 (47.9)	38 (50)
	Yes	1370 (49.9)	280 (51)	2966 (62)	591 (61.8)	2621 (59.6)	521 (59.3)	1417 (58.4)	281 (57.9)	794 (52.2)	166 (54.6)	576 (53.6)	115 (53.5)	409 (54.5)	74 (49.3)	318 (50.9)	64 (51.2)	380 (58.5)	73 (56.2)	198 (52.1)	38 (50)
Injury and poisoning (Acute)	No	2670 (97.3)	536 (97.6)	4365 (91.2)	874 (91.3)	3742 (85.1)	738 (84)	1787 (73.7)	372 (76.7)	1022 (67.2)	201 (66.1)	636 (59.2)	128 (59.5)	421 (56.1)	85 (56.7)	293 (46.9)	63 (50.4)	324 (49.9)	65 (50)	196 (51.6)	37 (48.7)
	Yes	75 (2.7)	13 (2.4)	420 (8.8)	83 (8.7)	653 (14.9)	141 (16)	638 (26.3)	113 (23.3)	498 (32.8)	103 (33.9)	439 (40.8)	87 (40.5)	329 (43.9)	65 (43.3)	332 (53.1)	62 (49.6)	326 (50.2)	65 (50)	184 (48.4)	39 (51.3)
Infectious Disease (Chronic)	No	2738 (99.7)	548 (99.8)	4779 (99.9)	955 (99.8)	4392 (99.9)	878 (99.9)	2422 (99.9)	484 (99.8)	1520 (100)	304 (100)	1075 (100)	215 (100)	750 (100)	150 (100)	625 (100)	125 (100)	650 (100)	130 (100)	371 (97.6)	75 (98.7)
	Yes	[a]	[a]	[a]	[a]	[a]	[a]	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	[a]	[a]
Neoplasm (Chronic)	No	2739 (99.8)	548 (99.8)	4773 (99.8)	955 (99.8)	4378 (99.6)	876 (99.7)	2417 (99.7)	483 (99.6)	1520 (100)	304 (100)	1070 (99.5)	213 (99.1)	745 (99.3)	149 (99.3)	625 (100)	125 (100)	647 (99.5)	129 (99.2)	373 (98.2)	75 (98.7)
	Yes	[a]	[a]	12 (0.3)	[a]	17 (0.4)	[a]	[a]	[a]	0 (0)	0 (0)	[a]	[a]	[a]	[a]	0 (0)	0 (0)	[a]	[a]	[a]	[a]
Endocrine, metabolic, and immunity disorders (Chronic)	No	2697 (98.3)	540 (98.4)	4644 (97.1)	926 (96.8)	4273 (97.2)	849 (96.6)	2366 (97.6)	472 (97.3)	1451 (95.5)	289 (95.1)	1030 (95.8)	205 (95.4)	699 (93.2)	140 (93.3)	610 (97.6)	123 (98.4)	629 (96.8)	125 (96.2)	365 (96.1)	70 (92.1)
	Yes	48 (1.8)	[a]	141 (3)	31 (3.2)	122 (2.8)	30 (3.4)	59 (2.4)	13 (2.7)	69 (4.5)	15 (4.9)	45 (4.2)	[a]	51 (6.8)	[a]	15 (2.4)	[a]	21 (3.2)	[a]	15 (4)	[a]
Diseases of blood and blood-forming organs (Chronic)	No	2719 (99.1)	544 (99.1)	4696 (98.1)	937 (97.9)	4275 (97.3)	851 (96.8)	2361 (97.4)	468 (96.5)	1484 (97.6)	297 (97.7)	1044 (97.1)	208 (96.7)	742 (98.9)	148 (98.7)	614 (98.2)	123 (98.4)	619 (95.2)	120 (92.3)	380 (100)	76 (100)
	Yes	26 (1)	[a]	89 (1.9)	20 (2.1)	120 (2.7)	28 (3.2)	64 (2.6)	17 (3.5)	36 (2.4)	[a]	31 (2.9)	[a]	[a]	[a]	11 (1.8)	[a]	31 (4.8)	[a]	0 (0)	0 (0)
Diseases of the nervous system and sense organs (Chronic)	No	2559 (93.2)	510 (92.9)	4446 (92.9)	891 (93.1)	4085 (93)	812 (92.4)	2209 (91.1)	444 (91.5)	1373 (90.3)	270 (88.8)	983 (91.4)	192 (89.3)	683 (91.1)	138 (92)	535 (85.6)	106 (84.8)	552 (84.9)	110 (84.6)	311 (81.8)	60 (79)
	Yes	186 (6.8)	39 (7.1)	339 (7.1)	66 (6.9)	310 (7.1)	67 (7.6)	216 (8.9)	41 (8.5)	147 (9.7)	34 (11.2)	92 (8.6)	23 (10.7)	67 (8.9)	12 (8)	90 (14.4)	19 (15.2)	98 (15.1)	20 (15.4)	69 (18.2)	16 (21.1)
Diseases of the circulatory system (Chronic)	No	2672 (97.3)	531 (96.7)	4662 (97.4)	932 (97.4)	4302 (97.9)	856 (97.4)	2327 (96)	469 (96.7)	1472 (96.8)	294 (96.7)	1023 (95.2)	204 (94.9)	710 (94.7)	142 (94.7)	606 (97)	121 (96.8)	648 (99.7)	129 (99.2)	380 (100)	76 (100)
	Yes	73 (2.7)	18 (3.3)	123 (2.6)	25 (2.6)	93 (2.1)	23 (2.6)	98 (4)	16 (3.3)	48 (3.2)	[a]	52 (4.8)	11 (5.1)	40 (5.3)	[a]	19 (3)	[a]	[a]	[a]	0 (0)	0 (0)
Diseases of the respiratory system (Chronic)	No	2730 (99.5)	544 (99.1)	4371 (91.4)	877 (91.6)	3682 (83.8)	740 (84.2)	1981 (81.7)	395 (81.4)	1128 (74.2)	228 (75)	831 (77.3)	165 (76.7)	436 (58.1)	89 (59.3)	359 (57.4)	71 (56.8)	380 (58.5)	72 (55.4)	268 (70.5)	50 (65.8)
	Yes	15 (0.6)	[a]	414 (8.7)	80 (8.4)	713 (16.2)	139 (15.8)	444 (18.3)	90 (18.6)	392 (25.8)	76 (25)	244 (22.7)	50 (23.3)	314 (41.9)	61 (40.7)	266 (42.6)	54 (43.2)	270 (41.5)	58 (44.6)	112 (29.5)	26 (34.2)
Diseases of the digestive system (Chronic)	No	2670 (97.3)	532 (96.9)	4412 (92.2)	876 (91.5)	4120 (93.7)	825 (93.9)	2323 (95.8)	460 (94.9)	1454 (95.7)	290 (95.4)	1019 (94.8)	201 (93.5)	719 (95.9)	144 (96)	550 (88)	112 (89.6)	576 (88.6)	115 (88.5)	359 (94.5)	70 (92.1)
	Yes	75 (2.7)	17 (3.1)	373 (7.8)	81 (8.5)	275 (6.3)	54 (6.1)	102 (4.2)	25 (5.2)	66 (4.3)	14 (4.6)	56 (5.2)	14 (6.5)	31 (4.1)	[a]	75 (12)	13 (10.4)	74 (11.4)	15 (11.5)	21 (5.5)	[a]
Diseases of the genitourinary system (Chronic)	No	2720 (99.1)	543 (98.9)	4703 (98.3)	938 (98)	4331 (98.5)	861 (98)	2328 (96)	465 (95.9)	1448 (95.3)	286 (94.1)	998 (92.8)	200 (93)	679 (90.5)	136 (90.7)	602 (96.3)	120 (96)	625 (96.2)	124 (95.4)	357 (94)	71 (93.4)
	Yes	25 (0.9)	[a]	82 (1.7)	19 (2)	64 (1.5)	18 (2.1)	97 (4)	20 (4.1)	72 (4.7)	18 (5.9)	77 (7.2)	15 (7)	71 (9.5)	14 (9.3)	23 (3.7)	[a]	25 (3.9)	[a]	23 (6.1)	[a]
Diseases of the skin and subcutaneous tissue (Chronic)	No	2699 (98.3)	540 (98.4)	4512 (94.3)	903 (94.4)	4068 (92.6)	807 (91.8)	2178 (89.8)	435 (89.7)	1281 (84.3)	259 (85.2)	959 (89.2)	191 (88.8)	691 (92.1)	137 (91.3)	584 (93.4)	117 (93.6)	543 (83.5)	108 (83.1)	330 (86.8)	67 (88.2)
	Yes	46 (1.7)	[a]	273 (5.7)	54 (5.6)	327 (7.4)	72 (8.2)	247 (10.2)	50 (10.3)	239 (15.7)	45 (14.8)	116 (10.8)	24 (11.2)	59 (7.9)	13 (8.7)	41 (6.6)	[a]	107 (16.5)	22 (16.9)	50 (13.2)	[a]
Diseases of the musculoskeletal system (Chronic)	No	2745 (100)	549 (100)	4776 (99.8)	954 (99.7)	4379 (99.6)	874 (99.4)	2406 (99.2)	482 (99.4)	1505 (99)	300 (98.7)	1068 (99.4)	213 (99.1)	740 (98.7)	148 (98.7)	617 (98.7)	124 (99.2)	639 (98.3)	128 (98.5)	380 (100)	76 (100)
	Yes	0 (0)	0 (0)	[a]	[a]	16 (0.4)	[a]	19 (0.8)	[a]	15 (1)	[a]	[a]	[a]	[a]	[a]	[a]	[a]	11 (1.7)	[a]	0 (0)	0 (0)
Certain conditions originating in the perinatal period (Chronic)	No	2709 (98.7)	540 (98.4)	4740 (99.1)	946 (98.9)	4337 (98.7)	867 (98.6)	2397 (98.9)	479 (98.8)	1485 (97.7)	298 (98)	1062 (98.8)	212 (98.6)	744 (99.2)	149 (99.3)	616 (98.6)	123 (98.4)	650 (100)	130 (100)	380 (100)	76 (100)
	Yes	36 (1.3)	[a]	45 (0.9)	11 (1.2)	58 (1.3)	12 (1.4)	28 (1.2)	[a]	35 (2.3)	[a]	13 (1.2)	[a]	[a]	[a]	[a]	[a]	0 (0)	0 (0)	0 (0)	0 (0)
Injury and poisoning (Chronic)	No	2745 (100)	549 (100)	4772 (99.7)	953 (99.6)	4358 (99.2)	872 (99.2)	2403 (99.1)	481 (99.2)	1516 (99.7)	303 (99.7)	1060 (98.6)	211 (98.1)	710 (94.7)	142 (94.7)	604 (96.6)	122 (97.6)	616 (94.8)	124 (95.4)	368 (96.8)	74 (97.4)
	Yes	0 (0)	0 (0)	12 (0.3)	[a]	37 (0.8)	[a]	22 (0.9)	[a]	[a]	[a]	15 (1.4)	[a]	40 (5.3)	[a]	21 (3.4)	[a]	34 (5.2)	[a]	12 (3.2)	[a]

[a] These data are not presented as the report of data for any subgroup with 10 or fewer subjects is prohibited by the Centers for Medicare & Medicaid Services data use agreement.

Table 12: Characteristics of NY Tonsillectomy and/or Adenoidectomy Matched Cohorts by Age at Exposure

| Characteristic | | >6 months - ≤1 yr | | >1 yr - ≤1.5 yrs | | >1.5 yrs - ≤2 yrs | | >2 yrs - ≤2.5 yrs | | >2.5 yrs - ≤3 yrs | | >3 yrs - ≤3.5 yrs | | >3.5 yrs - ≤4 yrs | | >4 yrs - ≤4.5 yrs | | >4.5 yrs - ≤5 yrs | |
| | | Exposure | | Exposure | | Exposure | | Exposure | | Exposure | | Exposure | | Exposure | | Exposure | | Exposure | |
		No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)	No n(%)	Yes n(%)
Sex	Female	156 (31.2)	34 (34)	687 (31.4)	142 (32.4)	1425 (40.7)	278 (39.7)	1828 (40.4)	375 (41.5)	1990 (42.2)	403 (42.7)	2200 (41.6)	450 (42.5)	2153 (45.2)	430 (45.2)	2038 (49.3)	395 (47.8)	1642 (48.2)	328 (48.2)
	Male	344 (68.8)	66 (66)	1503 (68.6)	296 (67.6)	2075 (59.3)	422 (60.3)	2692 (59.6)	529 (58.5)	2725 (57.8)	540 (57.3)	3090 (58.4)	608 (57.5)	2607 (54.8)	522 (54.8)	2097 (50.7)	432 (52.2)	1763 (51.8)	353 (51.8)
Race	White	186 (37.2)	37 (37)	920 (42)	184 (42)	1287 (36.8)	258 (36.9)	1738 (38.5)	343 (37.9)	2041 (43.3)	402 (42.6)	2305 (43.6)	444 (42)	2057 (43.2)	410 (43.1)	1996 (48.3)	388 (46.9)	1509 (44.3)	294 (43.2)
	Black	158 (31.6)	36 (36)	669 (30.6)	131 (29.9)	1005 (28.7)	203 (29)	1036 (22.9)	203 (22.5)	1023 (21.7)	212 (22.5)	1039 (19.6)	214 (20.2)	893 (18.8)	182 (19.1)	805 (19.5)	164 (19.8)	721 (21.2)	149 (21.9)
	Hispanic	41 (8.2)	___a	312 (14.3)	56 (12.8)	707 (20.2)	132 (18.9)	957 (21.2)	197 (21.8)	983 (20.9)	191 (20.3)	1088 (20.6)	227 (21.5)	1085 (22.8)	215 (22.6)	753 (18.2)	153 (18.5)	691 (20.3)	141 (20.7)
	Other	115 (23)	19 (19)	289 (13.2)	67 (15.3)	501 (14.3)	107 (15.3)	789 (17.5)	161 (17.8)	668 (14.2)	138 (14.6)	858 (16.2)	173 (16.4)	725 (15.2)	145 (15.2)	581 (14.1)	122 (14.8)	484 (14.2)	97 (14.2)
Income Based on ZIP Code of Residence (quartile)	Quartile 1	155 (31)	39 (39)	731 (33.4)	146 (33.3)	1152 (32.9)	230 (32.9)	1297 (28.7)	254 (28.1)	1315 (27.9)	270 (28.6)	1398 (26.4)	290 (27.4)	1336 (28.1)	256 (26.9)	1149 (27.8)	230 (27.8)	966 (28.4)	192 (28.2)
	Quartile 2	105 (21)	20 (20)	618 (28.2)	112 (25.6)	946 (27)	176 (25.1)	1327 (29.4)	262 (29)	1471 (31.2)	296 (31.4)	1356 (25.6)	267 (25.2)	1341 (28.2)	280 (29.4)	1247 (30.2)	239 (28.9)	953 (28)	195 (28.6)
	Quartile 3	141 (28.2)	24 (24)	503 (23)	112 (25.6)	842 (24.1)	181 (25.9)	1069 (23.7)	216 (23.9)	1148 (24.4)	215 (22.8)	1218 (23)	238 (22.5)	1181 (24.8)	231 (24.3)	980 (23.7)	199 (24.1)	860 (25.3)	167 (24.5)
	Quartile 4	99 (19.8)	17 (17)	338 (15.4)	68 (15.5)	560 (16)	113 (16.1)	827 (18.3)	172 (19)	781 (16.6)	162 (17.2)	1318 (24.9)	263 (24.9)	902 (19)	185 (19.4)	759 (18.4)	159 (19.2)	626 (18.4)	127 (18.7)
Number of Outpatient Visits (quartile)	Quartile 1	25 (5)	___a	121 (5.5)	27 (6.2)	216 (6.2)	49 (7)	423 (9.4)	93 (10.3)	417 (8.8)	82 (8.7)	550 (10.4)	108 (10.2)	379 (8)	81 (8.5)	288 (7)	61 (7.4)	305 (9)	64 (9.4)
	Quartile 2	91 (18.2)	17 (17)	244 (11.1)	48 (11)	443 (12.7)	93 (13.3)	718 (15.9)	140 (15.5)	541 (11.5)	116 (12.3)	683 (12.9)	154 (14.6)	806 (16.9)	155 (16.3)	632 (15.3)	126 (15.2)	686 (20.2)	128 (18.8)
	Quartile 3	62 (12.4)	14 (14)	391 (17.9)	85 (19.4)	854 (24.4)	164 (23.4)	1112 (24.6)	212 (23.5)	1143 (24.2)	233 (24.7)	1308 (24.7)	272 (25.7)	1206 (25.3)	250 (26.3)	1241 (30)	245 (29.6)	930 (27.3)	185 (27.2)
	Quartile 4	322 (64.4)	64 (64)	1434 (65.5)	278 (63.5)	1987 (56.8)	394 (56.3)	2267 (50.2)	459 (50.8)	2614 (55.4)	512 (54.3)	2749 (52)	524 (49.5)	2369 (49.8)	466 (49)	1974 (47.7)	395 (47.8)	1484 (43.6)	304 (44.6)
Total Number of Inpatient Stays (n)	0	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	1	363 (72.6)	71 (71)	1617 (73.8)	324 (74)	2528 (72.2)	492 (70.3)	3317 (73.4)	657 (72.7)	3321 (70.4)	653 (69.3)	3865 (73.1)	754 (71.3)	3579 (75.2)	700 (73.5)	3008 (72.7)	594 (71.8)	2347 (68.9)	462 (67.8)
	2	91 (18.2)	19 (19)	393 (18)	79 (18)	659 (18.8)	138 (19.7)	891 (19.7)	180 (19.9)	1052 (22.3)	208 (22.1)	1010 (19.1)	208 (19.7)	759 (16)	164 (17.2)	756 (18.3)	160 (19.4)	676 (19.9)	144 (21.2)
	3 or more	46 (9.2)	___a	180 (8.2)	35 (8)	313 (8.9)	70 (10)	312 (6.9)	67 (7.4)	342 (7.3)	82 (8.7)	415 (7.8)	96 (9.1)	422 (8.9)	88 (9.2)	371 (9)	73 (8.8)	382 (11.2)	75 (11)
<36 Weeks Gestational Age	No	468 (93.6)	94 (94)	2083 (95.1)	413 (94.3)	3247 (92.8)	647 (92.4)	4262 (94.3)	852 (94.3)	4581 (97.2)	909 (96.4)	5049 (95.4)	1006 (95.1)	4486 (94.2)	897 (94.2)	3980 (96.3)	793 (95.9)	3287 (96.5)	655 (96.2)
	Yes	32 (6.4)	___a	107 (4.9)	25 (5.7)	253 (7.2)	53 (7.6)	258 (5.7)	52 (5.8)	134 (2.8)	34 (3.6)	241 (4.6)	52 (4.9)	274 (5.8)	55 (5.8)	155 (3.8)	34 (4.1)	118 (3.5)	26 (3.8)
Low Birth Weight (<2500g and ≥1500g)	No	475 (95)	96 (96)	2096 (95.7)	416 (95)	3322 (94.9)	660 (94.3)	4309 (95.3)	857 (94.8)	4530 (96.1)	901 (95.6)	5072 (95.9)	1015 (95.9)	4498 (94.5)	901 (94.6)	3960 (95.8)	791 (95.7)	3229 (94.8)	644 (94.6)
	Yes	25 (5)	___a	94 (4.3)	22 (5)	178 (5.1)	40 (5.7)	211 (4.7)	47 (5.2)	185 (3.9)	42 (4.5)	218 (4.1)	43 (4.1)	262 (5.5)	51 (5.4)	175 (4.2)	36 (4.4)	176 (5.2)	37 (5.4)
Very Low Birth Weight (<1500g and ≥1000g)	No	497 (99.4)	99 (99)	2176 (99.4)	435 (99.3)	3447 (98.5)	690 (98.6)	4480 (99.1)	896 (99.1)	4696 (99.6)	939 (99.6)	5226 (98.8)	1046 (98.9)	4716 (99.1)	943 (99.1)	4081 (98.7)	816 (98.7)	3385 (99.4)	677 (99.4)
	Yes	___a	___a	14 (0.6)	___a	53 (1.5)	___a	40 (0.9)	___a	19 (0.4)	___a	64 (1.2)	12 (1.1)	44 (0.9)	___a	54 (1.3)	11 (1.3)	20 (0.6)	___a
Extremely Low Birth Weight (<1000g)	No	500 (100)	100 (100)	2188 (99.9)	437 (99.8)	3465 (99)	692 (98.9)	4496 (99.5)	898 (99.3)	4710 (99.9)	941 (99.8)	5271 (99.6)	1054 (99.6)	4731 (99.4)	946 (99.4)	4114 (99.5)	823 (99.5)	3381 (99.3)	677 (99.4)
	Yes	0 (0)	0 (0)	___a	___a	35 (1)	___a	24 (0.5)	___a	___a	___a	19 (0.4)	___a	29 (0.6)	___a	21 (0.5)	___a	24 (0.7)	___a
Chromosomal Anomalies	No	500 (100)	100 (100)	2190 (100)	438 (100)	3483 (99.5)	697 (99.6)	4507 (99.7)	901 (99.7)	4704 (99.8)	940 (99.7)	5262 (99.5)	1052 (99.4)	4747 (99.7)	949 (99.7)	4135 (100)	827 (100)	3399 (99.8)	680 (99.9)
	Yes	0 (0)	0 (0)	0 (0)	0 (0)	17 (0.5)	___a	13 (0.3)	___a	11 (0.2)	___a	28 (0.5)	___a	13 (0.3)	___a	0 (0)	0 (0)	___a	___a
Congenital Anomalies of the Heart and Circulatory System	No	473 (94.6)	96 (96)	2122 (96.9)	422 (96.4)	3400 (97.1)	678 (96.9)	4410 (97.6)	881 (97.5)	4616 (97.9)	923 (97.9)	5142 (97.2)	1025 (96.9)	4626 (97.2)	925 (97.2)	4082 (98.7)	814 (98.4)	3320 (97.5)	660 (96.9)
	Yes	27 (5.4)	___a	68 (3.1)	16 (3.7)	100 (2.9)	22 (3.1)	110 (2.4)	23 (2.5)	99 (2.1)	20 (2.1)	148 (2.8)	33 (3.1)	134 (2.8)	27 (2.8)	53 (1.3)	13 (1.6)	85 (2.5)	21 (3.1)
Congenital Anomalies of the Central Nervous System	No	488 (97.6)	99 (99)	2190 (100)	438 (100)	3500 (100)	700 (100)	4506 (99.7)	902 (99.8)	4715 (100)	943 (100)	5282 (99.9)	1056 (99.8)	4760 (100)	952 (100)	4125 (99.8)	824 (99.6)	3398 (99.8)	679 (99.7)
	Yes	12 (2.4)	___a	0 (0)	0 (0)	0 (0)	0 (0)	14 (0.3)	___a	0 (0)	0 (0)	___a	___a	0 (0)	0 (0)	10 (0.2)	___a	___a	___a
Congenital Anomalies of the Eye	No	489 (97.8)	98 (98)	2173 (99.2)	435 (99.3)	3466 (99)	694 (99.1)	4499 (99.5)	899 (99.5)	4692 (99.5)	937 (99.4)	5269 (99.6)	1052 (99.4)	4748 (99.8)	948 (99.6)	4104 (99.3)	822 (99.4)	3396 (99.7)	678 (99.6)
	Yes	11 (2.2)	___a	17 (0.8)	___a	34 (1)	___a	21 (0.5)	___a	23 (0.5)	___a	21 (0.4)	___a	12 (0.3)	___a	31 (0.8)	___a	___a	___a
Congenital Anomalies of the Genital Organs	No	495 (99)	99 (99)	2171 (99.1)	434 (99.1)	3477 (99.3)	695 (99.3)	4468 (98.9)	893 (98.8)	4688 (99.4)	938 (99.5)	5269 (99.6)	1053 (99.5)	4735 (99.5)	947 (99.5)	4105 (99.3)	821 (99.3)	3381 (99.3)	676 (99.3)
	Yes	___a	___a	19 (0.9)	___a	23 (0.7)	___a	52 (1.2)	11 (1.2)	27 (0.6)	___a	21 (0.4)	___a	25 (0.5)	___a	30 (0.7)	___a	24 (0.7)	___a
Congenital Anomalies of the Digestive System	No	496 (99.2)	99 (99)	2180 (99.5)	436 (99.5)	3469 (99.1)	692 (98.9)	4502 (99.6)	900 (99.6)	4698 (99.6)	940 (99.7)	5263 (99.5)	1054 (99.6)	4736 (99.5)	949 (99.7)	4128 (99.8)	825 (99.8)	3404 (100)	680 (99.9)
	Yes	___a	___a	___a	___a	31 (0.9)	___a	18 (0.4)	___a	17 (0.4)	___a	27 (0.5)	___a	24 (0.5)	___a	___a	___a	___a	___a
Congenital Musculoskeletal Deformities	No	500 (100)	100 (100)	2151 (98.2)	429 (98)	3432 (98.1)	685 (97.9)	4477 (99.1)	894 (98.9)	4657 (98.8)	935 (99.2)	5248 (99.2)	1050 (99.2)	4694 (98.6)	939 (98.6)	4053 (98)	810 (97.9)	3356 (98.6)	669 (98.2)
	Yes	0 (0)	0 (0)	39 (1.8)	___a	68 (1.9)	15 (2.1)	43 (1)	___a	58 (1.2)	___a	42 (0.8)	___a	66 (1.4)	13 (1.4)	82 (2)	17 (2.1)	49 (1.4)	12 (1.8)
Other Congenital Anomalies	No	500 (100)	100 (100)	2183 (99.7)	436 (99.5)	3492 (99.8)	699 (99.9)	4516 (99.9)	903 (99.9)	4715 (100)	943 (100)	5274 (99.7)	1054 (99.6)	4751 (99.8)	951 (99.9)	4130 (99.9)	826 (99.9)	3400 (99.9)	680 (99.9)
	Yes	0 (0)	0 (0)	___a	___a	___a	___a	___a	___a	0 (0)	0 (0)	16 (0.3)	___a	___a	___a	___a	___a	___a	___a
Congenital Anomalies of the Respiratory System	No	500 (100)	100 (100)	2186 (99.8)	437 (99.8)	3498 (99.9)	699 (99.9)	4509 (99.8)	902 (99.8)	4704 (99.8)	941 (99.8)	5272 (99.7)	1054 (99.6)	4754 (99.9)	951 (99.9)	4127 (99.8)	826 (99.9)	3399 (99.8)	679 (99.7)
	Yes	0 (0)	0 (0)	___a	___a	___a	___a	11 (0.2)	___a	11 (0.2)	___a	18 (0.3)	___a	___a	___a	___a	___a	___a	___a
Congenital Anomalies of the Skin	No	488 (97.6)	98 (98)	2126 (97.1)	427 (97.5)	3406 (97.3)	683 (97.6)	4379 (96.9)	876 (96.9)	4657 (98.8)	926 (98.2)	5185 (98)	1037 (98)	4705 (98.8)	939 (98.6)	4058 (98.1)	810 (97.9)	3364 (98.8)	672 (98.7)
	Yes	12 (2.4)	___a	64 (2.9)	11 (2.5)	94 (2.7)	17 (2.4)	141 (3.1)	28 (3.1)	58 (1.2)	17 (1.8)	105 (2)	21 (2)	55 (1.2)	13 (1.4)	77 (1.9)	17 (2.1)	41 (1.2)	___a
Congenital Anomalies of the Urinary System	No	494 (98.8)	99 (99)	2184 (99.7)	436 (99.5)	3466 (99)	693 (99)	4497 (99.5)	901 (99.7)	4701 (99.7)	941 (99.8)	5277 (99.8)	1057 (99.9)	4746 (99.7)	949 (99.7)	4116 (99.5)	821 (99.3)	3389 (99.5)	679 (99.7)
	Yes	___a	___a	___a	___a	34 (1)	___a	23 (0.5)	___a	14 (0.3)	___a	13 (0.3)	___a	14 (0.3)	___a	19 (0.5)	___a	16 (0.5)	___a
Intrauterine Hypoxia	No	500 (100)	100 (100)	2174 (99.3)	435 (99.3)	3445 (98.4)	689 (98.4)	4485 (99.2)	896 (99.1)	4667 (99)	934 (99.1)	5251 (99.3)	1049 (99.2)	4720 (99.2)	944 (99.2)	4100 (99.2)	820 (99.2)	3383 (99.4)	677 (99.4)
	Yes	0 (0)	0 (0)	16 (0.7)	___a	55 (1.6)	11 (1.6)	35 (0.8)	8 (0.9)	48 (1)	___a	39 (0.7)	___a	40 (0.8)	___a	35 (0.9)	___a	22 (0.7)	___a
Intrauterine Exposure to Noxious Agent	No	483 (96.6)	96 (96)	2150 (98.2)	429 (98)	3455 (98.7)	693 (99)	4482 (99.2)	894 (98.9)	4694 (99.6)	939 (99.6)	5228 (98.8)	1047 (99)	4722 (99.2)	944 (99.2)	4094 (99)	818 (98.9)	3398 (99.8)	678 (99.6)
	Yes	17 (3.4)	___a	40 (1.8)	___a	45 (1.3)	___a	38 (0.8)	___a	21 (0.5)	___a	62 (1.2)	11 (1)	38 (0.8)	___a	41 (1)	___a	___a	___a

Condition																			
Intrauterine Placental Insufficiency	No	490 (98)	99 (99)	2134 (97.4)	427 (97.5)	3443 (98.4)	688 (98.3)	4462 (98.7)	891 (98.6)	4640 (98.4)	928 (98.4)	5220 (98.7)	1042 (98.5)	4724 (99.2)	944 (99.2)	4099 (99.1)	819 (99)	3370 (99)	674 (99)
	Yes	—[a]	—[a]	56 (2.6)	11 (2.5)	57 (1.6)	12 (1.7)	58 (1.3)	13 (1.4)	75 (1.6)	15 (1.6)	70 (1.3)	16 (1.5)	36 (0.8)	—[a])	36 (0.9)	—[a]	35 (1)	7 (1)
Infectious Disease (Acute)	No	291 (58.2)	58 (58)	1080 (49.3)	217 (49.5)	1264 (36.1)	256 (36.6)	1629 (36)	332 (36.7)	1525 (32.3)	306 (32.5)	1356 (25.6)	276 (26.1)	1076 (22.6)	230 (24.2)	848 (20.5)	182 (22)	625 (18.4)	132 (19.4)
	Yes	209 (41.8)	42 (42)	1110 (50.7)	221 (50.5)	2236 (63.9)	444 (63.4)	2891 (64)	572 (63.3)	3190 (67.7)	637 (67.6)	3934 (74.4)	782 (73.9)	3684 (77.4)	722 (75.8)	3287 (79.5)	645 (78)	2780 (81.6)	549 (80.6)
Neoplasm (Acute)	No	482 (96.4)	97 (97)	2155 (98.4)	432 (98.6)	3474 (99.3)	693 (99)	4467 (98.8)	887 (98.1)	4674 (99.1)	932 (98.8)	5208 (98.5)	1043 (98.6)	4649 (97.7)	929 (97.6)	4039 (97.7)	808 (97.7)	3332 (97.9)	667 (97.9)
	Yes	18 (3.6)	—[a]	35 (1.6)	—[a]	26 (0.7)	—[a]	53 (1.2)	17 (1.9)	41 (0.9)	11 (1.2)	82 (1.6)	15 (1.4)	111 (2.3)	23 (2.4)	96 (2.3)	19 (2.3)	73 (2.1)	14 (2.1)
Endocrine, metabolic, and immunity disorders (Acute)	No	472 (94.4)	92 (92)	2050 (93.6)	407 (92.9)	3168 (90.5)	634 (90.6)	4080 (90.3)	810 (89.6)	4269 (90.5)	849 (90)	4765 (90.1)	943 (89.1)	4428 (93)	879 (92.3)	3758 (90.9)	749 (90.6)	3049 (89.5)	605 (88.8)
	Yes	28 (5.6)	—[a]	140 (6.4)	31 (7.1)	332 (9.5)	66 (9.4)	440 (9.7)	94 (10.4)	446 (9.5)	94 (10)	525 (9.9)	115 (10.9)	332 (7)	73 (7.7)	377 (9.1)	78 (9.4)	356 (10.5)	76 (11.2)
Diseases of blood and blood-forming organs (Acute)	No	475 (95)	96 (96)	2074 (94.7)	415 (94.8)	3281 (93.7)	655 (93.6)	4078 (90.2)	813 (89.9)	4107 (87.1)	812 (86.1)	4502 (85.1)	895 (84.6)	4074 (85.6)	806 (84.7)	3328 (80.5)	666 (80.5)	2858 (83.9)	563 (82.7)
	Yes	25 (5)	—[a]	116 (5.3)	23 (5.3)	219 (6.3)	45 (6.4)	442 (9.8)	91 (10.1)	608 (12.9)	131 (13.9)	788 (14.9)	163 (15.4)	686 (14.4)	146 (15.3)	807 (19.5)	161 (19.5)	547 (16.1)	118 (17.3)
Diseases of the nervous system and sense organs (Acute)	No	197 (39.4)	40 (40)	576 (26.3)	109 (24.9)	742 (21.2)	151 (21.6)	980 (21.7)	201 (22.2)	809 (17.2)	181 (19.2)	890 (16.8)	185 (17.5)	765 (16.1)	157 (16.5)	549 (13.3)	114 (13.8)	476 (14)	96 (14.1)
	Yes	303 (60.6)	60 (60)	1614 (73.7)	329 (75.1)	2758 (78.8)	549 (78.4)	3540 (78.3)	703 (77.8)	3906 (82.8)	762 (80.8)	4400 (83.2)	873 (82.5)	3995 (83.9)	795 (83.5)	3586 (86.7)	713 (86.2)	2929 (86)	585 (85.9)
Diseases of the circulatory system (Acute)	No	495 (99)	99 (99)	2176 (99.4)	435 (99.3)	3477 (99.3)	696 (99.4)	4488 (99.3)	897 (99.2)	4662 (98.9)	931 (98.7)	5241 (99.1)	1048 (99.1)	4744 (99.7)	947 (99.5)	4072 (98.5)	815 (98.6)	3341 (98.1)	668 (98.1)
	Yes	—[a]	—[a]	14 (0.6)	—[a]	23 (0.7)	—[a]	32 (0.7)	—[a]	53 (1.1)	12 (1.3)	49 (0.9)	—[a]	16 (0.3)	—[a]	63 (1.5)	12 (1.5)	64 (1.9)	13 (1.9)
Diseases of the respiratory system (Acute)	No	79 (15.8)	19 (19)	232 (10.6)	47 (10.7)	450 (12.9)	103 (14.7)	455 (10.1)	106 (11.7)	387 (8.2)	81 (8.6)	453 (8.6)	95 (9)	238 (5)	56 (5.9)	219 (5.3)	44 (5.3)	183 (5.4)	39 (5.7)
	Yes	421 (84.2)	81 (81)	1958 (89.4)	391 (89.3)	3050 (87.1)	597 (85.3)	4065 (89.9)	798 (88.3)	4328 (91.8)	862 (91.4)	4837 (91.4)	963 (91)	4522 (95)	896 (94.1)	3916 (94.7)	783 (94.7)	3222 (94.6)	642 (94.3)
Diseases of the digestive system (Acute)	No	346 (69.2)	67 (67)	1441 (65.8)	288 (65.8)	2081 (59.5)	411 (58.7)	2488 (55)	508 (56.2)	2507 (53.2)	500 (53)	2482 (46.9)	506 (47.8)	2240 (47.1)	452 (47.5)	1992 (48.2)	391 (47.3)	1447 (42.5)	302 (44.4)
	Yes	154 (30.8)	33 (33)	749 (34.2)	150 (34.3)	1419 (40.5)	289 (41.3)	2032 (45)	396 (43.8)	2208 (46.8)	443 (47)	2808 (53.1)	552 (52.2)	2520 (52.9)	500 (52.5)	2143 (51.8)	436 (52.7)	1958 (57.5)	379 (55.7)
Diseases of the genitourinary system (Acute)	No	472 (94.4)	96 (96)	2000 (91.3)	396 (90.4)	3215 (91.9)	637 (91)	4055 (89.7)	806 (89.2)	4208 (89.3)	839 (89)	4557 (86.1)	902 (85.3)	4056 (85.2)	807 (84.8)	3333 (80.6)	664 (80.3)	2689 (79)	538 (79)
	Yes	28 (5.6)	—[a]	190 (8.7)	42 (9.6)	285 (8.1)	63 (9)	465 (10.3)	98 (10.8)	507 (10.8)	104 (11)	733 (13.9)	156 (14.7)	704 (14.8)	145 (15.2)	802 (19.4)	163 (19.7)	716 (21)	143 (21)
Diseases of the skin and subcutaneous tissue (Acute)	No	353 (70.6)	74 (74)	1488 (68)	293 (66.9)	2187 (62.5)	436 (62.3)	2879 (63.7)	566 (62.6)	2650 (56.2)	538 (57.1)	2730 (51.6)	554 (52.4)	2529 (53.1)	506 (53.2)	1961 (47.4)	386 (46.7)	1586 (46.6)	320 (47)
	Yes	147 (29.4)	26 (26)	702 (32.1)	145 (33.1)	1313 (37.5)	264 (37.7)	1641 (36.3)	338 (37.4)	2065 (43.8)	405 (43)	2560 (48.4)	504 (47.6)	2231 (46.9)	446 (46.9)	2174 (52.6)	441 (53.3)	1819 (53.4)	361 (53)
Diseases of the musculoskeletal system (Acute)	No	483 (96.6)	96 (96)	2081 (95)	415 (94.8)	3212 (91.8)	641 (91.6)	4130 (91.4)	811 (89.7)	4293 (91.1)	851 (90.2)	4520 (85.4)	901 (85.2)	4043 (84.9)	804 (84.5)	3436 (83.1)	676 (81.7)	2771 (81.4)	553 (81.2)
	Yes	17 (3.4)	—[a]	109 (5)	23 (5.3)	288 (8.2)	59 (8.4)	390 (8.6)	93 (10.3)	422 (9)	92 (9.8)	770 (14.6)	157 (14.8)	717 (15.1)	148 (15.6)	699 (16.9)	151 (18.3)	634 (18.6)	128 (18.8)
Congenital anomalies	No	412 (82.4)	83 (83)	1770 (80.8)	347 (79.2)	2828 (80.8)	565 (80.7)	3655 (80.9)	719 (79.5)	3920 (83.1)	773 (82)	4344 (82.1)	864 (81.7)	3901 (82)	767 (80.6)	3407 (82.4)	675 (81.6)	2813 (82.6)	555 (81.5)
	Yes	88 (17.6)	17 (17)	420 (19.2)	91 (20.8)	672 (19.2)	135 (19.3)	865 (19.1)	185 (20.5)	795 (16.9)	170 (18)	946 (17.9)	194 (18.3)	859 (18.1)	185 (19.4)	728 (17.6)	152 (18.4)	592 (17.4)	126 (18.5)
Certain conditions originating in the perinatal period (Acute)	No	252 (50.4)	53 (53)	1135 (51.8)	218 (49.8)	1833 (52.4)	352 (50.3)	2216 (49)	434 (48)	2315 (49.1)	458 (48.6)	2642 (49.9)	529 (50)	2464 (51.8)	497 (52.2)	2170 (52.5)	423 (51.2)	1784 (52.4)	357 (52.4)
	Yes	248 (49.6)	47 (47)	1055 (48.2)	220 (50.2)	1667 (47.6)	348 (49.7)	2304 (51)	470 (52)	2400 (50.9)	485 (51.4)	2648 (50.1)	529 (50)	2296 (48.2)	455 (47.8)	1965 (47.5)	404 (48.9)	1621 (47.6)	324 (47.6)
Injury and poisoning (Acute)	No	445 (89)	88 (88)	1632 (74.5)	327 (74.7)	2426 (69.3)	486 (69.4)	2745 (60.7)	540 (59.7)	2681 (56.9)	538 (57.1)	2454 (46.4)	501 (47.4)	2391 (50.2)	478 (50.2)	1824 (44.1)	365 (44.1)	1358 (39.9)	279 (41)
	Yes	55 (11)	12 (12)	558 (25.5)	111 (25.3)	1074 (30.7)	214 (30.6)	1775 (39.3)	364 (40.3)	2034 (43.1)	405 (43)	2836 (53.6)	557 (52.7)	2369 (49.8)	474 (49.8)	2311 (55.9)	462 (55.9)	2047 (60.1)	402 (59)
Infectious Disease (Chronic)	No	500 (100)	100 (100)	2190 (100)	438 (100)	3492 (99.8)	697 (99.6)	4518 (100)	903 (99.9)	4712 (99.9)	942 (99.9)	5278 (99.8)	1054 (99.6)	4756 (99.9)	951 (99.9)	4120 (99.6)	824 (99.6)	3405 (100)	681 (100)
	Yes	0 (0)	0 (0)	0 (0)	0 (0)	—[a]	—[a]	—[a]	—[a]	—[a]	—[a]	12 (0.2)	—[a]	—[a]	—[a]	15 (0.4)	—[a]	0 (0)	0 (0)
Neoplasm (Chronic)	No	500 (100)	100 (100)	2176 (99.4)	435 (99.3)	3496 (99.9)	698 (99.7)	4506 (99.7)	901 (99.7)	4690 (99.5)	937 (99.4)	5270 (99.6)	1054 (99.6)	4730 (99.4)	945 (99.3)	4063 (98.3)	813 (98.3)	3364 (98.8)	673 (98.8)
	Yes	0 (0)	0 (0)	14 (0.6)	—[a]	—[a]	—[a]	14 (0.3)	—[a]	25 (0.5)	—[a]	20 (0.4)	—[a]	30 (0.6)	—[a]	72 (1.7)	14 (1.7)	41 (1.2)	—[a]
Endocrine, metabolic, and immunity disorders (Chronic)	No	491 (98.2)	98 (98)	2148 (98.1)	427 (97.5)	3343 (95.5)	670 (95.7)	4355 (96.4)	866 (95.8)	4499 (95.4)	894 (94.8)	5003 (94.6)	1004 (94.9)	4483 (94.2)	897 (94.2)	3922 (94.9)	781 (94.4)	3155 (92.7)	631 (92.7)
	Yes	—[a]	—[a]	42 (1.9)	11 (2.5)	157 (4.5)	30 (4.3)	165 (3.7)	38 (4.2)	216 (4.6)	49 (5.2)	287 (5.4)	54 (5.1)	277 (5.8)	55 (5.8)	213 (5.2)	46 (5.6)	250 (7.3)	50 (7.3)
Diseases of blood and blood-forming organs (Chronic)	No	496 (99.2)	99 (99)	2139 (97.7)	429 (98)	3390 (96.9)	675 (96.4)	4399 (97.3)	879 (97.2)	4586 (97.3)	913 (96.8)	5141 (97.2)	1027 (97.1)	4594 (96.5)	915 (96.1)	4036 (97.6)	802 (97)	3304 (97)	660 (96.9)
	Yes	—[a]	—[a]	51 (2.3)	—[a]	110 (3.1)	25 (3.6)	121 (2.7)	25 (2.8)	129 (2.7)	30 (3.2)	149 (2.8)	31 (2.9)	166 (3.5)	37 (3.9)	99 (2.4)	25 (3)	101 (3)	21 (3.1)
Diseases of the nervous system and sense organs (Chronic)	No	320 (64)	66 (66)	1351 (61.7)	274 (62.6)	2120 (60.6)	424 (60.6)	3056 (67.6)	600 (66.4)	3191 (67.7)	626 (66.4)	3622 (68.5)	719 (68)	3149 (66.2)	615 (64.6)	2718 (65.7)	536 (64.8)	2202 (64.7)	442 (64.9)
	Yes	180 (36)	34 (34)	839 (38.3)	164 (37.4)	1380 (39.4)	276 (39.4)	1464 (32.4)	304 (33.6)	1524 (32.3)	317 (33.6)	1668 (31.5)	339 (32)	1611 (33.8)	337 (35.4)	1417 (34.3)	291 (35.2)	1203 (35.3)	239 (35.1)
Diseases of the circulatory system (Chronic)	No	494 (98.8)	99 (99)	2114 (96.5)	423 (96.6)	3375 (96.4)	673 (96.1)	4403 (97.4)	878 (97.1)	4623 (98.1)	920 (97.6)	5105 (96.5)	1020 (96.4)	4596 (96.6)	920 (96.6)	3986 (96.4)	795 (96.1)	3251 (95.5)	649 (95.3)
	Yes	—[a]	—[a]	76 (3.5)	15 (3.4)	125 (3.6)	27 (3.9)	117 (2.6)	26 (2.9)	92 (2)	23 (2.4)	185 (3.5)	38 (3.6)	164 (3.5)	32 (3.4)	149 (3.6)	32 (3.9)	154 (4.5)	32 (4.7)
Diseases of the respiratory system (Chronic)	No	281 (56.2)	57 (57)	1191 (54.4)	236 (53.9)	1817 (51.9)	362 (51.7)	2208 (48.9)	455 (50.3)	2262 (48)	454 (48.1)	2497 (47.2)	494 (46.7)	2020 (42.4)	408 (42.9)	1776 (43)	358 (43.3)	1376 (40.4)	272 (39.9)
	Yes	219 (43.8)	43 (43)	999 (45.6)	202 (46.1)	1683 (48.1)	338 (48.3)	2312 (51.2)	449 (49.7)	2453 (52)	489 (51.9)	2793 (52.8)	564 (53.3)	2740 (57.6)	544 (57.1)	2359 (57.1)	469 (56.7)	2029 (59.6)	409 (60.1)
Diseases of the digestive system (Chronic)	No	335 (67)	68 (68)	1800 (82.2)	352 (80.4)	2885 (82.4)	572 (81.7)	4030 (89.2)	803 (88.8)	4201 (89.1)	833 (88.3)	4758 (89.9)	941 (88.9)	4376 (91.9)	874 (91.8)	3822 (92.4)	758 (91.7)	3086 (90.6)	609 (89.4)
	Yes	165 (33)	32 (32)	390 (17.8)	86 (19.6)	615 (17.6)	128 (18.3)	490 (10.8)	101 (11.2)	514 (10.9)	110 (11.7)	532 (10.1)	117 (11.1)	384 (8.1)	78 (8.2)	313 (7.6)	69 (8.3)	319 (9.4)	72 (10.6)
Diseases of the genitourinary system (Chronic)	No	500 (100)	100 (100)	2164 (98.8)	433 (98.9)	3452 (98.6)	690 (98.6)	4451 (98.5)	888 (98.2)	4652 (98.7)	929 (98.5)	5223 (98.7)	1042 (98.5)	4669 (98.1)	930 (97.7)	4029 (97.4)	805 (97.3)	3314 (97.3)	662 (97.2)
	Yes	0 (0)	0 (0)	26 (1.2)	—[a]	48 (1.4)	—[a]	69 (1.5)	16 (1.8)	63 (1.3)	14 (1.5)	67 (1.3)	16 (1.5)	91 (1.9)	22 (2.3)	106 (2.6)	22 (2.7)	91 (2.7)	19 (2.8)
Diseases of the skin and subcutaneous tissue (Chronic)	No	464 (92.8)	94 (94)	1968 (89.9)	400 (91.3)	3129 (89.4)	629 (89.9)	4023 (89)	804 (88.9)	4267 (90.5)	853 (90.5)	4612 (87.2)	910 (86)	4100 (86.1)	820 (86.1)	3532 (85.4)	704 (85.1)	2998 (88.1)	590 (86.6)
	Yes	36 (7.2)	6 (6)	222 (10.1)	38 (8.7)	371 (10.6)	71 (10.1)	497 (11)	100 (11.1)	448 (9.5)	90 (9.5)	678 (12.8)	148 (14)	660 (13.9)	132 (13.9)	603 (14.6)	123 (14.9)	407 (12)	91 (13.4)
Diseases of the musculoskeletal system (Chronic)	No	496 (99.2)	99 (99)	2172 (99.2)	434 (99.1)	3465 (99)	691 (98.7)	4473 (99)	895 (99)	4641 (98.4)	926 (98.2)	5209 (98.5)	1039 (98.2)	4711 (99)	941 (98.8)	4057 (98.1)	811 (98.1)	3359 (98.7)	670 (98.4)
	Yes	—[a]	—[a]	18 (0.8)	—[a]	35 (1)	—[a]	47 (1)	—[a]	74 (1.6)	17 (1.8)	81 (1.5)	19 (1.8)	49 (1)	11 (1.2)	78 (1.9)	16 (1.9)	46 (1.4)	11 (1.6)
Certain conditions originating in the perinatal period (Chronic)	No	488 (97.6)	97 (97)	2149 (98.1)	429 (98)	3468 (99.1)	695 (99.3)	4491 (99.4)	896 (99.1)	4709 (99.9)	941 (99.8)	5259 (99.4)	1051 (99.3)	4731 (99.4)	945 (99.3)	4102 (99.2)	819 (99)	3399 (99.8)	678 (99.6)
	Yes	12 (2.4)	—[a]	41 (1.9)	—[a]	32 (0.9)	—[a]	29 (0.6)	—[a]	—[a]	—[a]	31 (0.6)	—[a]	29 (0.6)	—[a]	33 (0.8)	—[a]	—[a]	—[a]
Injury and poisoning (Chronic)	No	500 (100)	100 (100)	2181 (99.6)	435 (99.3)	3452 (98.6)	690 (98.6)	4459 (98.7)	891 (98.6)	4631 (98.2)	923 (97.9)	5131 (97)	1028 (97.2)	4672 (98.2)	932 (97.9)	4006 (96.9)	803 (97.1)	3268 (96)	653 (95.9)
	Yes	0 (0)	0 (0)	—[a]	—[a]	48 (1.4)	—[a]	61 (1.4)	13 (1.4)	84 (1.8)	20 (2.1)	159 (3)	30 (2.8)	88 (1.9)	20 (2.1)	129 (3.1)	24 (2.9)	137 (4)	28 (4.1)

[a] These data are not presented as the report of data for any subgroup with 10 or fewer subjects is prohibited by the Centers for Medicare & Medicaid Services data use agreement.

Table 13: Standardized Differences for Covariates in TX Pyloromyotomy Matched Cohorts by Age at Exposure

	>Birth - ≤28 days	>28 days - ≤6 months
Sex	-0.0041	-0.0255
Race	0.0109	0.0326
Income Based on ZIP Code of Residence (quartile)	0.0092	0.0203
Number of Outpatient Visits (quartile)	0.0129	0.0172
Total Number of Inpatient Stays (n)	0.0268	0.0236
<36 Weeks Gestational Age	-0.0067	-0.0173
Low Birth Weight (<2500g and ≥1500g)	-0.0067	-0.0049
Very Low Birth Weight (<1500g and ≥1000g)	0.0225	0.0292
Extremely Low Birth Weight (<1000g)	0	0.0053
Chromosomal Anomalies	0.0141	0
Congenital Anomalies of the Heart and Circulatory System	0.0035	0
Congenital Anomalies of the Central Nervous System	0.0386	0.0254
Congenital Anomalies of the Eye	-0.002	0.0106
Congenital Anomalies of the Genital Organs	0.0139	-0.0305
Congenital Anomalies of the Digestive System	0.0199	0.0023
Congenital Musculoskeletal Deformities	0.0047	0.0046
Other Congenital Anomalies	0.0243	0
Congenital Anomalies of the Respiratory System	0.0032	0.0226
Congenital Anomalies of the Skin	0.0073	-0.0018
Congenital Anomalies of the Urinary System	0.0032	-0.0184
Intrauterine Hypoxia	0.0017	0.0067
Intrauterine Exposure to Noxious Agent	-0.038	0.0112
Intrauterine Placental Insufficiency	0.0285	0.0222
Infectious Disease (Acute)	0.0056	0.0049
Neoplasm (Acute)	-0.0115	-0.006
Endocrine, metabolic, and immunity disorders (Acute)	-0.0043	0.0314
Diseases of blood and blood-forming organs (Acute)	-0.0287	0.0305
Diseases of the nervous system and sense organs (Acute)	0.0023	0.0179
Diseases of the circulatory system (Acute)	0.0037	-0.0078
Diseases of the respiratory system (Acute)	0.0119	0.0295
Diseases of the digestive system (Acute)	-0.01	-0.0027
Diseases of the genitourinary system (Acute)	-0.0071	0.0074
Diseases of the skin and subcutaneous tissue (Acute)	0.0087	0.0196
Diseases of the musculoskeletal system (Acute)	0.0139	-0.0092
Congenital anomalies	0.0194	-0.002
Certain conditions originating in the perinatal period (Acute)	0.0067	-0.0033
Injury and poisoning (Acute)	0.0062	0.0164
Infectious Disease (Chronic)	0	0
Neoplasm (Chronic)	0	0.0053

Endocrine, metabolic, and immunity disorders (Chronic)	-0.0052	0.0155
Diseases of blood and blood-forming organs (Chronic)	0.0057	0.0049
Diseases of the nervous system and sense organs (Chronic)	0.0176	0.001
Diseases of the circulatory system (Chronic)	0.0163	0.0256
Diseases of the respiratory system (Chronic)	0.0138	0.0038
Diseases of the digestive system (Chronic)	0.0071	0.0012
Diseases of the genitourinary system (Chronic)	-0.006	0.012
Diseases of the skin and subcutaneous tissue (Chronic)	0.0225	0.0256
Diseases of the musculoskeletal system (Chronic)	0.0141	0
Certain conditions originating in the perinatal period (Chronic)	-0.0333	0.0087
Injury and poisoning (Chronic)	0	0

Table 14: Standardized Differences for Covariates in TX Inguinal Hernia Matched Cohorts by Age at Exposure

	>Birth - ≤28 days	>28 days - ≤6 months	>6 months - ≤1 yr	>1 yr - ≤1.5 yrs	>1.5 yrs - ≤2 yrs	>2 yrs - ≤2.5 yrs	>2.5 yrs - <3 yrs	>3 yrs - ≤3.5 yrs	>3.5 yrs - <4 yrs	>4 yrs - ≤4.5 yrs	>4.5 yrs - ≤5 yrs
Sex	0.1768	-0.0229	0.0028	0.0212	-0.0534	0.0694	0.0658	0.0572	0.0984	0.0471	0.0409
Race	0.2188	0.0412	0.1094	0.0775	0.0745	0.0225	0.1129	0.1036	0.1999	0.1003	0.1125
Income Based on ZIP Code of Residence (quartile)	0.1003	0.0158	0.0314	0.1078	0.103	0.1045	0.0821	0.0711	0.2519	0.0771	0.1726
Number of Outpatient Visits (quartile)	0.2533	0.0413	0.038	0.0264	0.1134	0.1415	0.0585	0.0851	0.1464	0.24	0.1742
Total Number of Inpatient Stays (n)	0	0.0204	0.0073	0.0496	0.0976	0.066	0.0693	0.0508	0.2047	0.0595	0.1286
<36 Weeks Gestational Age	0.0269	-0.0081	-0.0051	0.0212	0.0453	-0.0497	0.0639	0	0	0.0344	0.0681
Low Birth Weight (<2500g and ≥1500g)	0.0459	-0.0295	-0.06	0.0229	0	-0.0785	0.0151	-0.0086	-0.0968	0.0299	0.1008
Very Low Birth Weight (<1500g and ≥1000g)	0	0.0152	0.0273	0.0035	0	0.0407	0	0.0461	0	0	0
Extremely Low Birth Weight (<1000g)	-0.1811	0.0632	0.0583	0.0241	-0.014	0	0	0	0.0993	0	0
Chromosomal Anomalies	0	0	0	0	0	0	0	0	0	0	0
Congenital Anomalies of the Heart and Circulatory System	0	0.0281	0.0472	0.0526	0.0921	-0.0218	-0.0959	0.0215	0.0749	0.1113	0.0229
Congenital Anomalies of the Central Nervous System	0	0.0073	0.0083	0.0588	0.0754	0	0	0	0	0	0
Congenital Anomalies of the Eye	0	0.0269	-0.0519	0	0.0107	0	0	-0.0377	0	-0.027	0
Congenital Anomalies of the Genital Organs	0.1404	-0.0012	0.0194	0.0361	0.0526	0.0201	0.0268	0.0806	-0.0265	0.0909	0.1286
Congenital Anomalies of the Digestive System	-0.0801	0.018	0.0446	0	0.0269	0	0	-0.0197	0	0	0
Congenital Musculoskeletal Deformities	0.0972	-0.0061	-0.0149	-0.0386	-0.0165	0	0	-0.0377	0.114	0	0
Other Congenital Anomalies	0	0	0	0	0	0	0	0	0	0	0
Congenital Anomalies of the Respiratory System	0	0.0154	0	0	0	0	0	0	0	0	0
Congenital Anomalies of the Skin	0	-0.0084	0.0267	-0.0065	0	-0.0503	0	0.0461	0	0	0
Congenital Anomalies of the Urinary System	0	-0.0044	0.0091	0.017	0	0	0.0268	0	0.0292	-0.0518	0
Intrauterine Hypoxia	0	0.0253	0.0393	0.0047	0.06	-0.0259	-0.0814	0.0845	0	0	-0.0298
Intrauterine Exposure to Noxious Agent	0	0.0221	-0.0217	0	0.0526	-0.0496	0.131	0	-0.0193	0	0
Intrauterine Placental Insufficiency	0	0.0076	0.0555	0.0616	0.1041	0.097	-0.067	0.0309	-0.0556	0	0.0697
Infectious Disease (Acute)	0	0.0009	-0.021	0.0467	-0.0064	0.0866	0.0445	0.0087	0.0298	-0.0513	-0.0101
Neoplasm (Acute)	0	-0.0206	0.0337	0.0361	-0.0349	0	0.0996	-0.0537	0	0	-0.0428
Endocrine, metabolic, and immunity disorders (Acute)	0	0.0284	0.0254	0.0392	0.0623	0.0523	0.0267	0.0138	0.0093	-0.0107	0.1008
Diseases of blood and blood-forming organs (Acute)	0	0.0148	0.0113	0.0499	0.0598	0.0058	-0.0522	-0.0112	0.0491	-0.1391	-0.0911
Diseases of the nervous system and sense organs (Acute)	0	0.0016	-0.0304	-0.0696	-0.0371	0.0714	-0.0466	-0.0807	0.0199	-0.0272	-0.0417
Diseases of the circulatory system (Acute)	0	0.0107	0.05	0.0457	0.0754	0	0	0	0.0203	0	0
Diseases of the respiratory system (Acute)	0.073	0.0136	-0.0382	-0.0685	-0.0746	-0.0726	0	0	0.1081	-0.0776	0
Diseases of the digestive system (Acute)	0.0832	-0.0083	0.0223	-0.0222	0	-0.0288	-0.0382	-0.0091	0.101	-0.0655	-0.0926
Diseases of the genitourinary system (Acute)	0.0836	-0.0415	-0.0262	-0.0378	0.0305	0.0293	0	-0.0505	-0.0304	0.0323	0
Diseases of the skin and subcutaneous tissue (Acute)	0.0546	-0.0207	-0.0091	-0.0738	0.0433	0.0334	-0.0894	-0.1182	0.0604	0.0629	-0.0478
Diseases of the musculoskeletal system (Acute)	-0.1168	0.0182	0.0665	0.0495	0.015	0	0.0488	-0.0142	0.0575	0.0133	-0.0418
Congenital anomalies	0.0832	0.0234	0.0287	0.0361	0.0487	-0.0051	-0.009	0.0412	0.109	0.1215	0.0803
Certain conditions originating in the perinatal period (Acute)	0.055	-0.0004	-0.0064	0.0468	0.0872	0.0109	-0.1168	-0.0128	-0.0974	0	-0.0096
Injury and poisoning (Acute)	0	0.0277	0.015	-0.0212	0.0272	-0.0765	-0.1345	0	-0.0604	-0.1777	-0.0769
Infectious Disease (Chronic)	0	0	0.0105	0	0	0	0	0	0.0292	0	0
Neoplasm (Chronic)	0	0.0306	0.0072	0	0	0	0	0	0	0	0

Endocrine, metabolic, and immunity disorders (Chronic)	0	0.0323	0.044	0.0493	0.0715	0.0554	0.1019	0.0601	0	0.0298	0.0583
Diseases of blood and blood-forming organs (Chronic)	0	0.025	-0.0078	0.037	0.0344	-0.1013	0.0567	-0.0775	0	-0.103	0
Diseases of the nervous system and sense organs (Chronic)	0	0.0307	0.0175	0.015	-0.0263	-0.0179	0.0681	0.0682	-0.0312	0.0299	0.0148
Diseases of the circulatory system (Chronic)	0	0.022	0.055	0.0125	-0.006	0.0098	0.0567	0.0122	0.0643	0.0344	-0.0821
Diseases of the respiratory system (Chronic)	0	0.0362	0.0048	-0.0155	0.018	-0.0625	-0.077	-0.0764	0.1137	-0.0706	-0.0862
Diseases of the digestive system (Chronic)	0	0.0245	0.0372	0.0208	0.0063	-0.0447	0.1567	0.0504	0.0226	0.0835	-0.0937
Diseases of the genitourinary system (Chronic)	0	0.0055	0.0304	-0.0226	0.0328	0.0407	-0.0465	0.0326	-0.0891	0.0692	-0.0219
Diseases of the skin and subcutaneous tissue (Chronic)	0	0.0176	-0.0118	-0.0102	0.0527	0.1248	0.0853	0.0682	0.1762	0.0169	-0.0359
Diseases of the musculoskeletal system (Chronic)	0	0	0	0	-0.0386	0	0.0567	0.0461	-0.0732	0	0
Certain conditions originating in the perinatal period (Chronic)	0	0.0176	-0.0337	0.012	0	-0.038	0	0	-0.0556	-0.027	0
Injury and poisoning (Chronic)	0	0	0	0	0	0	0	-0.0453	0	0	0

Table 15: Standardized Differences for Covariates in TX Circumcision Cohorts by Age at Exposure

	>28 days - ≤6 months	>6 months - ≤1 yr	>1 yr - ≤1.5 yrs	>1.5 yrs - ≤2 yrs	>2 yrs - ≤2.5 yrs	>2.5 yrs - ≤3 yrs	>3 yrs - ≤3.5 yrs	>3.5 yrs - ≤4 yrs	>4 yrs - ≤4.5 yrs	>4.5 yrs - ≤5 yrs
Sex	0	0	0	0	0	0	0	0	0	0
Race	0.023	0.0329	0.0373	0.0368	0.0561	0.0564	0.017	0.0753	0.066	0.0887
Income Based on ZIP Code of Residence (quartile)	0.0251	0.0212	0.0388	0.0641	0.0561	0.0861	0.0215	0.0467	0.1308	0.1491
Number of Outpatient Visits (quartile)	0.0362	0.0218	0.0393	0.042	0.0349	0.0551	0.0351	0.0879	0.0866	0.0452
Total Number of Inpatient Stays (n)	0.0274	0.0307	0.0493	0.0379	0.0638	0.0518	0.0307	0.0259	0.0497	0.0815
<36 Weeks Gestational Age	0.0193	0.0267	0.0276	0.0511	0.0431	0.0489	-0.0028	0.005	-0.0353	-0.0199
Low Birth Weight (<2500g and ≥1500g)	0.0092	0.0157	0.0205	0.0363	0.0359	0.0335	0.0205	0.0698	-0.0296	-0.0838
Very Low Birth Weight (<1500g and ≥1000g)	0.0046	0.0195	-0.0083	0.0452	0.0277	-0.0048	0	-0.0653	0.0617	0
Extremely Low Birth Weight (<1000g)	0.0195	-0.0113	0.0232	0.0192	0.0054	0.0551	-0.0118	-0.0362	0.0568	0
Chromosomal Anomalies	0.0125	0.0116	0	0.0086	0	0	0	0	0	0
Congenital Anomalies of the Heart and Circulatory System	0.0148	0.0419	0.0056	0.0448	0.0298	-0.0256	0.0352	0.0494	0.0518	0.0301
Congenital Anomalies of the Central Nervous System	0.0157	0.013	0.0025	-0.008	0.0476	0	0.0507	0	0	0
Congenital Anomalies of the Eye	0.0096	0.0019	0.0063	0.0121	0.0206	0.0243	0.0185	0	0	0
Congenital Anomalies of the Genital Organs	-0.0006	0.0013	0.0271	0.014	-0.0297	0.0426	0.0149	0.0081	-0.029	0.0449
Congenital Anomalies of the Digestive System	0.0028	-0.0047	-0.0027	0.0041	0	0.025	-0.0086	0	0.0568	0
Congenital Musculoskeletal Deformities	0.0174	0.0019	-0.0087	0.0068	0.0498	0.0291	0.0185	0.0435	0.0115	0
Other Congenital Anomalies	0.0122	0.018	-0.0157	0	0	-0.0104	0.0131	0	0	0
Congenital Anomalies of the Respiratory System	0.0095	0.007	0	0.0059	0.0212	-0.0075	0	0	0	0
Congenital Anomalies of the Skin	-0.0044	0.0206	0.0114	0.0595	0.0369	0.025	0	-0.0251	0	0.072
Congenital Anomalies of the Urinary System	0.0105	-0.0024	0	0.0097	-0.0183	0.023	0.0185	0	0	0.0212
Intrauterine Hypoxia	-0.0029	-0.0147	0.0304	0.0069	-0.0209	0.0773	0	0.01	0.0459	0.0212
Intrauterine Exposure to Noxious Agent	0.0092	0.0325	0.0245	0.0349	-0.0031	-0.0048	0.0194	0.0562	0	0
Intrauterine Placental Insufficiency	0.0099	-0.0074	-0.0042	-0.0127	-0.0033	0.02	-0.0168	0.0435	0.0568	0.037
Infectious Disease (Acute)	0.0265	0.0074	0.0019	-0.0154	0.0514	0.0062	-0.0504	0.0108	-0.033	-0.0516
Neoplasm (Acute)	0.0228	-0.0024	-0.0211	0.0213	0.0063	0.007	0.0194	0.0317	-0.0923	0.0212
Endocrine, metabolic, and immunity disorders (Acute)	0.0358	0.0032	0.0446	0.0267	0.042	0.0035	0.0572	0.0526	-0.0104	0.0618
Diseases of blood and blood-forming organs (Acute)	0.0161	0.0115	0.0149	-0.0021	0.0546	0.014	0.0583	-0.0026	-0.026	-0.0402
Diseases of the nervous system and sense organs (Acute)	0.023	-0.0159	-0.01	-0.0298	-0.003	-0.0155	-0.0403	-0.015	0	-0.1008
Diseases of the circulatory system (Acute)	0.0384	0.0025	0.0262	-0.0066	0.0277	0.0496	0.0056	0.0165	0	0
Diseases of the respiratory system (Acute)	0.0475	-0.0046	-0.012	0.0163	0.0131	-0.0432	-0.0352	0.0044	0.016	-0.0798
Diseases of the digestive system (Acute)	0.0299	-0.0217	0.0041	-0.0232	-0.0305	-0.0386	0.008	0.0058	-0.0105	-0.0291
Diseases of the genitourinary system (Acute)	0.0566	0.0034	0.0322	-0.0238	-0.0449	0.0203	-0.0672	-0.0166	-0.0053	0.0783
Diseases of the skin and subcutaneous tissue (Acute)	0.0204	-0.026	-0.0101	0.0298	-0.0282	-0.0168	-0.0157	0.0118	-0.0583	0.0041
Diseases of the musculoskeletal system (Acute)	0.0008	0.0124	0.0016	0.0231	0.0412	0.0191	0.0274	-0.0382	-0.041	0.022
Congenital anomalies	0.0307	0.0284	0.009	0.0429	0.0336	0.0501	0.0452	0.0162	0.0618	0.0326
Certain conditions originating in the perinatal period (Acute)	0.005	0.016	0.024	0.0158	-0.0121	0.0315	-0.0264	0.0377	0.1279	-0.0862
Injury and poisoning (Acute)	0.0065	0.0021	-0.015	-0.0357	-0.0026	-0.0047	-0.0046	-0.0703	0.047	-0.0128
Infectious Disease (Chronic)	0.0057	0.0112	0.0091	0	0.033	0	0	0	0	0
Neoplasm (Chronic)	-0.007	-0.0068	0.0136	0.0182	0.0206	0	0	0	0.0568	0.0301

Endocrine, metabolic, and immunity disorders (Chronic)	0.0066	0.0225	-0.0008	0.0135	0.0353	0.0581	-0.004	0.0424	0.0264	-0.0078
Diseases of blood and blood-forming organs (Chronic)	0.0157	0.0404	0.0359	0.0165	0.0257	0.0149	0.0556	-0.0113	-0.0042	-0.0091
Diseases of the nervous system and sense organs (Chronic)	0.0278	0.0137	-0.0049	0.0443	0.0307	0.0057	-0.0286	0.0201	-0.0276	0.0194
Diseases of the circulatory system (Chronic)	0.0226	0.0153	0.0316	0.0209	0.0143	-0.045	0.0538	0.0063	0.0517	-0.0578
Diseases of the respiratory system (Chronic)	0.0239	-0.016	0.0032	0.0168	-0.0085	-0.0059	0.0475	0	-0.0445	-0.0375
Diseases of the digestive system (Chronic)	0.0175	0	0.0322	0.0153	0.0199	0.0033	0.0043	0.0445	0.005	-0.0118
Diseases of the genitourinary system (Chronic)	0.0096	0.0074	-0.0074	0.0084	0.0303	0.0318	0.0161	0.0159	0.0222	0.0699
Diseases of the skin and subcutaneous tissue (Chronic)	0.0075	0.0244	0.0036	0.0054	0.0221	0.0159	0.0215	0.0513	-0.0165	0.088
Diseases of the musculoskeletal system (Chronic)	-0.0037	-0.008	0.0206	0.0439	0	0.027	0.0073	-0.0154	-0.0593	0
Certain conditions originating in the perinatal period (Chronic)	0.0209	0.0322	0.0272	0.018	0.0038	-0.0054	-0.0055	0.0534	0	0
Injury and poisoning (Chronic)	0	0.0159	0	0	-0.0038	0.0243	-0.0168	0.0856	0	0.0212

Table 16: Standardized Differences for Covariates in TX Tonsillectomy and/or Adenoidectomy Cohorts by Age at Exposure

	>6 months - ≤1 yr	>1 yr - ≤1.5 yrs	>1.5 yrs - ≤2 yrs	>2 yrs - ≤2.5 yrs	>2.5 yrs - ≤3 yrs	>3 yrs - ≤3.5 yrs	>3.5 yrs - ≤4 yrs	>4 yrs - ≤4.5 yrs	>4.5 yrs - ≤5 yrs
Sex	0.0412	0.0187	0.028	-0.0251	0.0009	0.0105	-0.0026	0.001	-0.0285
Race	0.0689	0.0118	0.0184	0.0381	0.0273	0.021	0.0195	0.0244	0.0359
Income Based on ZIP Code of Residence (quartile)	0.0561	0.0206	0.021	0.0343	0.0237	0.0417	0.0206	0.0284	0.0155
Number of Outpatient Visits (quartile)	0.0641	0.0243	0.0313	0.0096	0.0111	0.0332	0.0177	0.0292	0.0597
Total Number of Inpatient Stays (n)	0.0902	0.0203	0.0179	0.0016	0.0331	0.0238	0.0105	0.0252	0.0173
<36 Weeks Gestational Age	0.0093	0.0207	0.0247	0.0149	0.0146	0.0296	0.0135	0.0052	0.0134
Low Birth Weight (<2500g and ≥1500g)	-0.0392	-0.0019	0.0116	0.0202	0.0028	0.0135	0.0048	0.0195	0.0334
Very Low Birth Weight (<1500g and ≥1000g)	0	0.0082	0.0216	0.0121	0.0114	0.0094	0.0151	-0.0101	-0.009
Extremely Low Birth Weight (<1000g)	0	0.0234	0.019	0.0082	0	0.0184	-0.0018	0.0079	0
Chromosomal Anomalies	0.0091	0.0207	-0.009	-0.017	0.0069	-0.003	0.0097	0.0029	0.0339
Congenital Anomalies of the Heart and Circulatory System	-0.0299	0.0095	0.0007	0	0.0288	0.0273	0.0324	0.0214	0.0147
Congenital Anomalies of the Central Nervous System	-0.0087	0.0082	-0.0116	-0.0147	0.0042	0	0.0151	0.006	0.014
Congenital Anomalies of the Eye	-0.0751	0	0	-0.0068	0	-0.0023	0.04	0.0089	0.0044
Congenital Anomalies of the Genital Organs	0.0313	0.0169	0.0045	-0.0166	0	-0.0021	0.0068	-0.0032	0
Congenital Anomalies of the Digestive System	-0.017	0.0038	-0.0047	-0.0018	0.0025	-0.0023	0.0033	0.0126	-0.0035
Congenital Musculoskeletal Deformities	-0.04	0.0176	-0.0054	0.0243	0.0195	0.0168	0.0149	0.0205	0.0231
Other Congenital Anomalies	0	0.0169	0	0.0055	-0.0038	0.0063	-0.0112	0	0.0136
Congenital Anomalies of the Respiratory System	0	0.0078	-0.0027	0.0235	0.0192	0.0188	0.0084	0.0263	-0.0088
Congenital Anomalies of the Skin	-0.0087	-0.0253	0.0085	0.0262	-0.0182	0.0213	0.0209	0.0033	0.0051
Congenital Anomalies of the Urinary System	0	-0.0266	0.0088	0.0271	0.0156	-0.0083	0.0305	0.0104	0.0064
Intrauterine Hypoxia	-0.0141	0.0067	0	0.0077	0.005	0.0097	0.007	0.0198	0.0313
Intrauterine Exposure to Noxious Agent	-0.0062	0.0362	0.0185	0.0178	0.0207	-0.0083	0.0365	0.0251	-0.006
Intrauterine Placental Insufficiency	0.0197	-0.0061	0.0122	0.0175	0.0148	0.0168	0.0042	-0.0015	0.0281
Infectious Disease (Acute)	0.0663	0.0073	-0.0157	-0.0085	-0.0046	-0.0137	-0.041	-0.0489	-0.0347
Neoplasm (Acute)	-0.0209	0.0086	0.0356	0	0.0255	0.0177	0.037	0.0133	0.0351
Endocrine, metabolic, and immunity disorders (Acute)	-0.008	0.0288	0.0205	0.0225	0.0296	0.0431	-0.0142	0.0242	0.0107
Diseases of blood and blood-forming organs (Acute)	0.0228	-0.0293	0.0159	-0.0018	-0.0005	-0.012	0.0221	0.0278	-0.042
Diseases of the nervous system and sense organs (Acute)	0.0125	-0.0512	-0.001	-0.0113	-0.0084	0.0118	-0.0052	-0.0036	-0.0329
Diseases of the circulatory system (Acute)	-0.0249	0	0.0136	0.0271	0.0032	0.0165	-0.0125	0.0014	-0.0134
Diseases of the respiratory system (Acute)	0.0412	0.0008	0.0111	-0.0165	-0.0014	-0.0142	-0.0421	-0.041	-0.0643
Diseases of the digestive system (Acute)	0.0309	0.0212	0.0091	0.0118	0.0095	-0.0028	-0.0036	-0.0106	-0.0277
Diseases of the genitourinary system (Acute)	0.0018	0.046	0.008	0.0072	0.0176	0.0261	0.0004	0.0187	-0.0193
Diseases of the skin and subcutaneous tissue (Acute)	0.0187	-0.0021	-0.0103	0.0135	0.014	-0.0345	-0.0219	0.0007	-0.0124
Diseases of the musculoskeletal system (Acute)	0.0426	0.0168	0.0143	0.0242	0.0219	0.016	0.025	0.023	0.0005
Congenital anomalies	-0.0108	0.0399	0.0251	0.0237	0.0341	0.0248	0.0482	0.0357	0.0322
Certain conditions originating in the perinatal period (Acute)	-0.0159	-0.0004	0	0.0047	0.0417	0.0231	0.0121	0.0429	0.0144
Injury and poisoning (Acute)	-0.029	0.0086	0.0261	-0.0083	-0.0137	-0.0094	-0.0042	0.0103	-0.0223
Infectious Disease (Chronic)	0	0.0069	0	0.0121	0.004	0.0188	0.006	0.0127	0
Neoplasm (Chronic)	-0.012	0.0069	0.0056	0	-0.0071	0.0027	0.0151	0	-0.0193

Endocrine, metabolic, and immunity disorders (Chronic)	0.0198	0.0103	0.0362	0.0253	0.0233	0.0288	0.0464	0.0205	-0.0052
Diseases of blood and blood-forming organs (Chronic)	-0.0249	0.021	0.0444	-0.0006	0.0309	-0.0042	-0.0085	-0.0067	0.0083
Diseases of the nervous system and sense organs (Chronic)	-0.0459	0.0154	-0.0015	-0.0127	0.0092	0.0165	0.0014	0.0188	0.0364
Diseases of the circulatory system (Chronic)	-0.021	-0.0083	0.0134	0.0082	0.0007	0.0175	0.0145	0.0204	0.0242
Diseases of the respiratory system (Chronic)	0.0316	0.0107	0.0018	-0.0029	0.0006	-0.0193	-0.0173	-0.0156	-0.0688
Diseases of the digestive system (Chronic)	0.0578	0.012	0.007	0.0177	0.0177	0.0065	0.0267	0.0331	0.0282
Diseases of the genitourinary system (Chronic)	0.0514	0.0219	-0.0061	0.0207	0.0152	-0.0015	0.0024	0.0285	-0.01
Diseases of the skin and subcutaneous tissue (Chronic)	0.0474	0.0164	0.0293	0.0045	-0.0098	0.0153	0.0443	0.0037	0.0065
Diseases of the musculoskeletal system (Chronic)	0	0	0.0046	0.0147	0	0.0013	0.0044	0.0031	0.0189
Certain conditions originating in the perinatal period (Chronic)	0.0236	0.0333	0.012	-0.003	0.0185	0.0096	0.0261	0.0233	-0.0049
Injury and poisoning (Chronic)	0	0	0.0027	0.0078	0.0042	0.0311	-0.0105	0.0121	-0.0037

Table 17: Standardized Differences for Covariates in NY Pyloromyotomy Matched Cohorts by Age at Exposure

	>Birth - ≤28 days	>28 days - ≤6 months
Sex	-0.0023	-0.0166
Race	0.0118	0.0152
Income Based on ZIP Code of Residence (quartile)	0.0086	0.0283
Number of Outpatient Visits (quartile)	0.0218	0.0182
Total Number of Inpatient Stays (n)	-0.0116	0.0043
<36 Weeks Gestational Age	-0.0038	0.0237
Low Birth Weight (<2500g and ≥1500g)	-0.0062	0.0129
Very Low Birth Weight (<1500g and ≥1000g)	0	0.0154
Extremely Low Birth Weight (<1000g)	0	0.0196
Chromosomal Anomalies	0	0
Congenital Anomalies of the Heart and Circulatory System	-0.0019	-0.023
Congenital Anomalies of the Central Nervous System	-0.0037	-0.0113
Congenital Anomalies of the Eye	0.009	0.0449
Congenital Anomalies of the Genital Organs	0.0158	0.0146
Congenital Anomalies of the Digestive System	-0.0137	0.0401
Congenital Musculoskeletal Deformities	0.0263	0.0351
Other Congenital Anomalies	0	0.0253
Congenital Anomalies of the Respiratory System	0	0.0239
Congenital Anomalies of the Skin	-0.0034	0.0033
Congenital Anomalies of the Urinary System	0.0054	0
Intrauterine Hypoxia	-0.0101	0.0227
Intrauterine Exposure to Noxious Agent	-0.0154	0
Intrauterine Placental Insufficiency	0.0058	-0.0058
Infectious Disease (Acute)	-0.0216	-0.0195
Neoplasm (Acute)	0	0
Endocrine, metabolic, and immunity disorders (Acute)	0.0268	0.0309
Diseases of blood and blood-forming organs (Acute)	0	-0.0113
Diseases of the nervous system and sense organs (Acute)	-0.0032	0.0192
Diseases of the circulatory system (Acute)	0.0268	0
Diseases of the respiratory system (Acute)	-0.0152	0.0107
Diseases of the digestive system (Acute)	-0.0137	-0.0112
Diseases of the genitourinary system (Acute)	0.0253	0.0117
Diseases of the skin and subcutaneous tissue (Acute)	0.0033	0.0079
Diseases of the musculoskeletal system (Acute)	-0.0025	0.021
Congenital anomalies	0.0031	0.0048
Certain conditions originating in the perinatal period (Acute)	-0.0006	-0.0084
Injury and poisoning (Acute)	0	-0.0043
Infectious Disease (Chronic)	0	0
Neoplasm (Chronic)	0	0

Endocrine, metabolic, and immunity disorders (Chronic)	0.0462	0.0369
Diseases of blood and blood-forming organs (Chronic)	-0.0253	0.0065
Diseases of the nervous system and sense organs (Chronic)	0.0025	0.0362
Diseases of the circulatory system (Chronic)	0.053	-0.0133
Diseases of the respiratory system (Chronic)	0.0079	0.034
Diseases of the digestive system (Chronic)	-0.0053	0.0012
Diseases of the genitourinary system (Chronic)	0.0167	0.0253
Diseases of the skin and subcutaneous tissue (Chronic)	0	0.0105
Diseases of the musculoskeletal system (Chronic)	0	0.0139
Certain conditions originating in the perinatal period (Chronic)	0.0029	0.0042
Injury and poisoning (Chronic)	0	0

Table 18: Standardized Differences for Covariates in NY Inguinal Hernia Matched Cohorts by Age at Exposure

	>Birth - ≤28 days	>28 days - ≤6 months	>6 months - ≤1 yr	>1 yr - ≤1.5 yrs	>1.5 yrs - ≤2 yrs	>2 yrs - ≤2.5 yrs	>2.5 yrs - ≤3 yrs	>3 yrs - ≤3.5 yrs	>3.5 yrs - ≤4 yrs	>4 yrs - ≤4.5 yrs	>4.5 yrs - ≤5 yrs
Sex	0.0561	0.0032	-0.0021	0.0108	-0.0254	0.0172	0.0371	-0.0449	-0.1271	-0.0226	0.0416
Race	0.0629	0.0175	0.0715	0.0653	0.0818	0.0767	0.0716	0.0934	0.1038	0.1427	0.1261
Income Based on ZIP Code of Residence (quartile)	0.2366	0.0197	0.0681	0.07	0.0203	0.08	0.0329	0.0525	0.065	0.1519	0.2056
Number of Outpatient Visits (quartile)	0.0943	0.0142	0.0362	0.0437	0.0632	0.0573	0.0697	0.0641	0.1204	0.0759	0.1346
Total Number of Inpatient Stays (n)	-0.0717	0.0167	0.0539	0.085	0.0685	0.0402	0.0075	0.0597	0.1395	0.0829	0.0365
<36 Weeks Gestational Age	-0.062	-0.0217	0.0409	0.0584	0.0031	0.0263	0.0463	0.0055	0.0316	0.095	0.0587
Low Birth Weight (<2500g and ≥1500g)	-0.0422	-0.0537	0.0026	0.0352	0.0426	0.0084	0.093	0.0294	-0.0145	0.0094	-0.0118
Very Low Birth Weight (<1500g and ≥1000g)	0	0.0591	0.0317	0.0735	0.0604	0.0203	0.0396	0	0.0447	0.0731	0
Extremely Low Birth Weight (<1000g)	0	0.0506	0.0497	-0.0233	-0.0238	0	0	0.0384	-0.0366	0.0648	0
Chromosomal Anomalies	0	0.0057	0	0	0	0	0	0.0597	0.1032	0	0
Congenital Anomalies of the Heart and Circulatory System	-0.0465	0.0279	0.0083	0.0302	0.0039	-0.0374	-0.0826	0.053	0.0462	0.1039	0
Congenital Anomalies of the Central Nervous System	0	0.0049	0	0.0311	-0.0124	0	-0.0452	0	0	-0.0195	0
Congenital Anomalies of the Eye	0	0.0075	-0.0124	0.0508	-0.0533	-0.0083	-0.0164	0	0.0447	0	0
Congenital Anomalies of the Genital Organs	0.0851	-0.0046	-0.0214	0.0484	0.012	-0.0561	0	0	0	0.0797	0
Congenital Anomalies of the Digestive System	0	-0.0088	0.0054	0.0147	0	0	0.0396	0	0	0	0
Congenital Musculoskeletal Deformities	0	0.0032	0.0355	0.009	0.031	0.0496	0.0181	0.0682	0	0	0.0247
Other Congenital Anomalies	0	0.0207	0	0.0147	0	0	-0.0164	0.0176	0	0	0
Congenital Anomalies of the Respiratory System	-0.0295	0.022	0.0067	0.022	0	0	0	0	0	0	0
Congenital Anomalies of the Skin	0	0.0096	0.0367	-0.0384	-0.0065	0.0477	0.0315	0.086	0	0.0456	0
Congenital Anomalies of the Urinary System	0.0465	-0.0343	0.0424	0.0312	0	0	0.0615	0	0.0717	0	0
Intrauterine Hypoxia	0	0.0118	0.0424	-0.0031	0.0239	0.0751	0.0256	0.0176	0	0	0.1208
Intrauterine Exposure to Noxious Agent	0	-0.0115	0.0094	-0.0211	0.0292	0.0751	0.0181	-0.0277	-0.0191	0	0
Intrauterine Placental Insufficiency	-0.0295	0.0233	-0.0136	0.0288	0.0205	0.0106	-0.0816	0.0597	0.1032	0.0648	0.0523
Infectious Disease (Acute)	0.2182	-0.0107	0.0338	-0.0108	0.0476	-0.0402	-0.0247	-0.0569	0.0042	0.0269	-0.0584
Neoplasm (Acute)	0	-0.0266	0.0412	0.038	0	-0.0411	0.0181	0	0.0119	0.0651	-0.0416
Endocrine, metabolic, and immunity disorders (Acute)	0	0.0008	0.0804	0.0595	0.0549	-0.0658	-0.041	-0.0472	0.0488	0.0797	-0.0082
Diseases of blood and blood-forming organs (Acute)	0	0.0163	0.0029	-0.0256	0.0185	0.0637	-0.0572	-0.0579	0.0102	0.0467	0.063
Diseases of the nervous system and sense organs (Acute)	-0.0565	0.0337	0.0388	-0.0309	-0.0136	0.0087	-0.0849	0	-0.1525	0.0152	0.0341
Diseases of the circulatory system (Acute)	0	0.0076	0.0097	-0.0094	-0.0227	-0.0139	-0.0164	0.0372	0.0186	-0.0407	0
Diseases of the respiratory system (Acute)	0.1591	0.0267	0.0092	0.0656	-0.0265	-0.0269	-0.0479	-0.0108	-0.0315	-0.1068	-0.0219
Diseases of the digestive system (Acute)	-0.0754	-0.0229	0.0263	-0.0177	-0.0068	-0.0317	0.0088	-0.0552	-0.0199	0.0166	-0.0181
Diseases of the genitourinary system (Acute)	0.0843	-0.0234	-0.0471	-0.0288	0.002	-0.0114	-0.071	0.0416	0.1015	0.0593	-0.0487
Diseases of the skin and subcutaneous tissue (Acute)	0.1104	-0.0055	0.0703	0.0171	0.0178	-0.0397	-0.0179	-0.0623	-0.0437	0.0171	-0.0108
Diseases of the musculoskeletal system (Acute)	0	-0.0033	0.0198	0.0144	0.0261	0.0374	-0.0504	0.0367	0.0398	0.0412	0.1274
Congenital anomalies	0.0542	-0.0054	0.024	0.0399	0.0044	-0.0051	0	0.0743	0.1342	0.0808	0.0279
Certain conditions originating in the perinatal period (Acute)	0.1039	0.0116	0.0398	0.0561	0.0307	0	0	-0.0607	-0.0119	0.0124	0.13
Injury and poisoning (Acute)	0	0.0028	0	0.0117	0.0409	-0.0578	0.039	-0.0309	-0.0518	0.0372	0.0379
Infectious Disease (Chronic)	0	0	0	0	0	0	0	0	0	0	0
Neoplasm (Chronic)	0	0.0189	0.0067	0	0	0	0	0	0	0	-0.096

Endocrine, metabolic, and immunity disorders (Chronic)	-0.0295	0.0135	0.0422	0.0149	0.0182	0.0326	0.0206	0.0752	0.0346	-0.0332	0.0635
Diseases of blood and blood-forming organs (Chronic)	0	0.0121	0.0119	0.0276	-0.0124	0.0274	-0.0546	0.007	0	-0.0102	0
Diseases of the nervous system and sense organs (Chronic)	0	0.0329	0.0404	0.0559	0.0809	0.0097	0.0944	0.0606	-0.0329	0.1558	0.0583
Diseases of the circulatory system (Chronic)	0	0.0094	0.0643	0.0495	-0.0535	0.0122	-0.0195	0.0248	0.0208	0.0436	-0.0223
Diseases of the respiratory system (Chronic)	0	-0.001	0.0145	0.0442	-0.0112	-0.0215	-0.0126	0.0536	0.0091	0.0505	0.1157
Diseases of the digestive system (Chronic)	0	0.0027	0.049	0.0035	0.0444	0.0537	-0.041	-0.0501	0.1017	0.063	-0.0569
Diseases of the genitourinary system (Chronic)	0	-0.0027	0.0047	0.0312	0.0468	-0.0377	0.045	0.0384	0.0447	0.0731	0
Diseases of the skin and subcutaneous tissue (Chronic)	0	0.0256	0.0248	0.0281	-0.0189	0.0299	0.0214	-0.0282	0.0357	0.0434	0.0252
Diseases of the musculoskeletal system (Chronic)	0	-0.0073	-0.0167	-0.0094	0	0.0335	0	-0.0277	0.1032	0	0
Certain conditions originating in the perinatal period (Chronic)	0	-0.006	-0.009	0.0045	0.0292	0.0325	0.0396	-0.0365	0	0	0
Injury and poisoning (Chronic)	0	0	0	-0.0044	0.0157	-0.0164	-0.0119	-0.0398	0.0241	0.0702	-0.0879

Table 19: Standardized Differences for Covariates in NY Circumcision Cohorts by Age at Exposure

	>28 days - ≤6 months	>6 months - ≤1 yr	>1 yr - ≤1.5 yrs	>1.5 yrs - ≤2 yrs	>2 yrs - ≤2.5 yrs	>2.5 yrs - ≤3 yrs	>3 yrs - ≤3.5 yrs	>3.5 yrs - ≤4 yrs	>4 yrs - ≤4.5 yrs	>4.5 yrs - ≤5 yrs
Sex	0	0	0	0	0	0	0	0	0	0
Race	0.0396	0.0534	0.0272	0.069	0.0932	0.0338	0.04	0.041	0.142	0.0898
Income Based on ZIP Code of Residence (quartile)	0.0533	0.02	0.0663	0.0431	0.0971	0.0977	0.0608	0.0528	0.0607	0.1905
Number of Outpatient Visits (quartile)	0.0204	0.0319	0.0167	0.0684	0.0713	0.066	0.0228	0.0633	0.0456	0.1066
Total Number of Inpatient Stays (n)	0.0561	0.0381	0.0025	0.0431	0.073	0.0809	0.0185	0.0279	0.0302	0.0906
<36 Weeks Gestational Age	0.0398	0.0256	0.0258	-0.0298	0.0025	-0.0344	-0.0074	0.024	0	-0.0133
Low Birth Weight (<2500g and ≥1500g)	0.007	-0.0053	0.0085	-0.0482	0.0328	0.0365	-0.0508	0.0302	0.0074	-0.0161
Very Low Birth Weight (<1500g and ≥1000g)	0.0094	0.0186	-0.0056	0	-0.0151	-0.0561	-0.0113	0.0131	0	-0.0461
Extremely Low Birth Weight (<1000g)	0.0335	0.0081	0.0159	0.0326	-0.0228	-0.036	-0.0432	-0.0171	-0.0596	0
Chromosomal Anomalies	0	-0.0037	0.0168	0	0	0	0.0173	0	0	0
Congenital Anomalies of the Heart and Circulatory System	0.0142	0.0103	0.0062	0.0388	0.0089	-0.0717	-0.0146	-0.0263	0.0558	0.0243
Congenital Anomalies of the Central Nervous System	0.027	-0.0037	0	0.0288	0	0	0	-0.0328	-0.0168	0
Congenital Anomalies of the Eye	-0.0141	0.005	-0.0107	-0.015	0.0138	0.049	0	-0.0171	0	0
Congenital Anomalies of the Genital Organs	-0.0153	-0.0126	0.001	0.063	0.0408	0	-0.0286	0.0141	0.0394	-0.022
Congenital Anomalies of the Digestive System	0.0197	-0.0245	0.0101	0.0109	0	0	0	-0.0328	0	0
Congenital Musculoskeletal Deformities	0.096	-0.0198	0.0317	0	-0.011	0.0447	0	0	0.0324	0
Other Congenital Anomalies	0	-0.0045	0	0	0	0	0	0	0	0
Congenital Anomalies of the Respiratory System	0	-0.0072	-0.0123	0	0	0	0	0	0	0
Congenital Anomalies of the Skin	0.0389	0.0267	0.0144	0	0.0243	0	0.0245	0.0415	-0.034	0
Congenital Anomalies of the Urinary System	-0.0112	0.0105	0.0336	0.0226	0.0516	0.034	0	0	0	0
Intrauterine Hypoxia	0.0134	-0.0111	0.0303	0.0096	0.0583	0	0.0097	0.0131	-0.0457	0
Intrauterine Exposure to Noxious Agent	0.0382	0.0196	0.0037	0	-0.0189	0.007	0	0.0131	0	0
Intrauterine Placental Insufficiency	-0.0232	-0.0036	0.0278	0.0195	-0.0297	0	0	-0.0357	0.0263	0.0279
Infectious Disease (Acute)	0.0337	-0.0076	0.0224	-0.0041	-0.0588	-0.0723	0.0195	0.01	0.0141	-0.0061
Neoplasm (Acute)	0.005	0.0143	0.0214	0	0.0583	0.0967	0.0209	0	-0.0421	-0.0422
Endocrine, metabolic, and immunity disorders (Acute)	0.0348	-0.0089	-0.0136	0.0405	0	0.0533	0.0264	0.0543	0.0422	0.0508
Diseases of blood and blood-forming organs (Acute)	0.0102	-0.0147	0.0046	0.039	0.0391	0.1519	0.0166	0.0301	0.0347	-0.0192
Diseases of the nervous system and sense organs (Acute)	-0.0445	-0.0155	-0.0037	-0.033	0.0355	-0.0272	-0.0491	-0.0167	-0.0398	0
Diseases of the circulatory system (Acute)	0.0331	0.0119	-0.0251	0.0226	0.0243	-0.0078	0.0173	0	0.0909	0
Diseases of the respiratory system (Acute)	0.0195	0.0222	-0.0133	-0.0371	-0.0297	-0.0149	0	0.0518	-0.0368	-0.0164
Diseases of the digestive system (Acute)	-0.0094	0.0208	-0.001	0.0269	-0.0375	-0.0189	0.0482	0.0614	0.0062	0.0642
Diseases of the genitourinary system (Acute)	0.0508	0.0422	0.0478	0.0242	0.0285	0.0161	0.0066	-0.0327	0.0147	0
Diseases of the skin and subcutaneous tissue (Acute)	-0.0072	0.0042	-0.0057	0.0018	0.0111	0.0138	0.0794	0.1524	0.0339	-0.0581
Diseases of the musculoskeletal system (Acute)	0.005	0.0077	0.0325	0.0143	0.0415	0.0641	-0.038	-0.0062	0.0264	0.1042
Congenital anomalies	0.026	-0.009	0.0097	0.0597	0.0344	0.0364	0.0033	-0.0439	0.0299	0.073
Certain conditions originating in the perinatal period (Acute)	0.0219	-0.0047	-0.0074	-0.01	0.0475	-0.0019	-0.1042	0.0064	-0.0467	-0.0421
Injury and poisoning (Acute)	-0.0231	-0.0037	0.0327	-0.0697	0.0237	-0.0076	-0.0108	-0.0705	-0.0031	0.0579
Infectious Disease (Chronic)	-0.0156	0.0205	0.0151	0.0203	0	0	0	0	0	-0.0783
Neoplasm (Chronic)	-0.0081	-0.0087	-0.0076	0.0136	0	0.0559	0	0	0.0394	-0.0422

Endocrine, metabolic, and immunity disorders (Chronic)	-0.0085	0.0169	0.0368	0.0157	0.0186	0.0226	-0.0053	-0.0572	0.0333	0.1678
Diseases of blood and blood-forming organs (Chronic)	-0.0038	0.0165	0.0269	0.0502	-0.0044	0.0216	0.0245	-0.0124	0.1212	0
Diseases of the nervous system and sense organs (Chronic)	0.0129	-0.0074	0.0218	-0.0161	0.0495	0.0726	-0.0335	0.0225	0.0086	0.073
Diseases of the circulatory system (Chronic)	0.0365	0.0026	0.0329	-0.0395	0.0074	0.0128	0	0.0092	0.0631	0
Diseases of the respiratory system (Chronic)	0.0428	-0.0105	-0.0112	0.0064	-0.0181	0.0133	-0.0244	0.0129	0.0622	0.1018
Diseases of the digestive system (Chronic)	0.0217	0.0245	-0.0047	0.0449	0.0127	0.0555	-0.0068	-0.0508	0.0048	0.0948
Diseases of the genitourinary system (Chronic)	0.0183	0.0202	0.0451	0.0063	0.0527	-0.0073	-0.0046	0.0167	0.0382	0.0216
Diseases of the skin and subcutaneous tissue (Chronic)	-0.0029	-0.0027	0.028	0.0041	-0.0256	0.0119	0.0291	-0.0065	0.0124	-0.0398
Diseases of the musculoskeletal system (Chronic)	0	0.0251	0.0301	-0.0198	0.0308	0.0315	0	-0.0473	-0.0122	0
Certain conditions originating in the perinatal period (Chronic)	0.0272	0.0206	0.004	0.0076	-0.0227	0.0164	-0.0156	0.0131	0	0
Injury and poisoning (Chronic)	0	0.025	-0.005	-0.0089	0.0121	0.0368	0	-0.0574	-0.0284	-0.0314

Table 20: Standardized Differences for Covariates in NY Tonsillectomy and/or Adenoidectomy Cohorts by Age at Exposure

	>6 months - ≤1 yr	>1 yr - ≤1.5 yrs	>1.5 yrs - ≤2 yrs	>2 yrs - ≤2.5 yrs	>2.5 yrs - ≤3 yrs	>3 yrs - ≤3.5 yrs	>3.5 yrs - ≤4 yrs	>4 yrs - ≤4.5 yrs	>4.5 yrs - ≤5 yrs
Sex	-0.0598	-0.0225	0.0204	-0.0211	-0.0107	-0.0191	0.0013	0.0305	0.0012
Race	0.116	0.0694	0.0399	0.0203	0.0265	0.0341	0.0096	0.029	0.0248
Income Based on ZIP Code of Residence (quartile)	0.1733	0.0736	0.0517	0.022	0.0381	0.0234	0.0358	0.0315	0.0203
Number of Outpatient Visits (quartile)	0.0528	0.0515	0.0422	0.0401	0.0305	0.0597	0.0329	0.017	0.0376
Total Number of Inpatient Stays (n)	0.037	0.0085	0.046	0.0212	0.0533	0.049	0.039	0.0272	0.032
<36 Weeks Gestational Age	-0.0166	0.0367	0.0131	0.0019	0.0432	0.0169	0.0009	0.0187	0.0188
Low Birth Weight (<2500g and ≥1500g)	-0.0483	0.0347	0.0278	0.0245	0.0265	-0.0029	-0.0065	0.006	0.0118
Very Low Birth Weight (<1500g and ≥1000g)	0.0449	0.0056	-0.0071	0	0.0033	-0.007	0.0022	0.0021	0
Extremely Low Birth Weight (<1000g)	0	0.0343	0.0139	0.0172	0.0266	0.0031	0.0027	-0.0034	-0.0147
Chromosomal Anomalies	0	0	-0.0085	0.008	0.0162	0.0051	0.0078	0	-0.0073
Congenital Anomalies of the Heart and Circulatory System	-0.0662	0.0303	0.0167	0.0071	0.0015	0.019	0.0013	0.0245	0.0357
Congenital Anomalies of the Central Nervous System	-0.1085	0	0	-0.0172	0	0.0092	0	0.022	0.0177
Congenital Anomalies of the Eye	-0.0139	-0.0107	-0.012	0.0124	0.0199	0.0246	0.029	-0.0177	0.0297
Congenital Anomalies of the Genital Organs	0	0.0049	0.0069	0.0061	-0.0057	0.0115	0	0	0.0035
Congenital Anomalies of the Digestive System	0.0212	0	0.0257	0.0068	-0.0073	-0.0199	-0.0296	0.016	0.0396
Congenital Musculoskeletal Deformities	0	0.02	0.0141	0.0153	-0.0377	-0.0043	-0.0018	0.0052	0.0257
Other Congenital Anomalies	0	0.022	-0.0199	0.007	0	0.013	-0.0219	0	0
Congenital Anomalies of the Respiratory System	0	0.0101	0.0271	-0.0046	-0.0045	0.0063	-0.0062	-0.0183	0.0243
Congenital Anomalies of the Skin	-0.0273	-0.0253	-0.0163	-0.0013	0.0469	0	0.0188	0.014	0.0105
Congenital Anomalies of the Urinary System	-0.0192	0.0303	0.0029	-0.0274	-0.0168	-0.0367	0.0038	0.0347	-0.0286
Intrauterine Hypoxia	0	-0.0054	0	0.0122	-0.0064	0.0128	0	0	-0.0075
Intrauterine Exposure to Noxious Agent	0.0318	0.0166	-0.0269	0.027	-0.0032	-0.0127	0.0047	0.0095	0.0414
Intrauterine Placental Insufficiency	-0.0823	-0.0029	0.0067	0.0134	0	0.016	0.0094	0.0101	0
Infectious Disease (Acute)	0.0041	-0.0046	-0.0095	-0.0143	-0.0023	-0.0104	-0.0367	-0.0367	-0.0263
Neoplasm (Acute)	-0.0336	-0.0189	0.0277	0.0578	0.0296	-0.0109	0.0055	-0.0016	-0.0061
Endocrine, metabolic, and immunity disorders (Acute)	0.0954	0.0273	-0.002	0.0221	0.0172	0.031	0.0266	0.0108	0.0227
Diseases of blood and blood-forming organs (Acute)	-0.0483	-0.002	0.007	0.0096	0.0293	0.0142	0.026	-0.0012	0.0339
Diseases of the nervous system and sense organs (Acute)	-0.0123	0.0324	-0.0091	-0.0134	-0.0528	-0.0176	-0.0114	-0.0148	-0.0034
Diseases of the circulatory system (Acute)	0	0.0056	-0.011	0.0077	0.0136	0.002	0.0289	-0.006	0.0022
Diseases of the respiratory system (Acute)	-0.0845	-0.0044	-0.0539	-0.0533	-0.0138	-0.0147	-0.0389	-0.0011	-0.0154
Diseases of the digestive system (Acute)	0.0472	0.001	0.0151	-0.0232	0.003	-0.0182	-0.0084	0.0179	-0.0373
Diseases of the genitourinary system (Acute)	-0.0749	0.0317	0.0306	0.018	0.0089	0.0254	0.0124	0.0079	-0.0007
Diseases of the skin and subcutaneous tissue (Acute)	-0.076	0.0224	0.0041	0.0225	-0.0171	-0.0151	-0.0004	0.015	-0.0082
Diseases of the musculoskeletal system (Acute)	0.0318	0.0124	0.0072	0.0567	0.0277	0.008	0.0134	0.0356	0.0045
Congenital anomalies	-0.0159	0.04	0.0022	0.0333	0.0307	0.0118	0.0355	0.0201	0.0291
Certain conditions originating in the perinatal period (Acute)	-0.052	0.0411	0.0417	0.0204	0.0106	-0.0011	-0.0088	0.0266	-0.0006
Injury and poisoning (Acute)	0.0313	-0.0031	-0.0025	0.0203	-0.0039	-0.0193	0.0004	-0.0005	-0.0221
Infectious Disease (Chronic)	0	0	0.035	0.0239	0.0146	0.0275	0.0068	0	0
Neoplasm (Chronic)	0	0.0056	0.0384	0.0039	0.0139	0	0.0128	-0.0037	-0.0027

Endocrine, metabolic, and immunity disorders (Chronic)	0.0146	0.0403	-0.0098	0.0285	0.0285	-0.0144	-0.0018	0.0183	0
Diseases of blood and blood-forming organs (Chronic)	0.0212	-0.0187	0.0238	0.0054	0.0263	0.0068	0.0212	0.0387	0.0069
Diseases of the nervous system and sense organs (Chronic)	-0.0419	-0.0179	0	0.0263	0.0275	0.011	0.0327	0.0193	-0.0049
Diseases of the circulatory system (Chronic)	-0.0192	-0.0025	0.0151	0.0176	0.0333	0.0051	-0.0046	0.014	0.0084
Diseases of the respiratory system (Chronic)	-0.0161	0.0101	0.004	-0.0297	-0.0034	0.0102	-0.0085	-0.0068	0.0096
Diseases of the digestive system (Chronic)	-0.0214	0.0468	0.0186	0.0106	0.0241	0.0326	0.0046	0.0286	0.0402
Diseases of the genitourinary system (Chronic)	0	-0.0043	0.0049	0.0191	0.0126	0.021	0.0278	0.0061	0.0072
Diseases of the skin and subcutaneous tissue (Chronic)	-0.0483	-0.0501	-0.015	0.0021	0.0014	0.0344	0	0.0082	0.0424
Diseases of the musculoskeletal system (Chronic)	0.0212	0.0098	0.0269	-0.0044	0.0181	0.0207	0.0121	0.0035	0.0219
Certain conditions originating in the perinatal period (Chronic)	0.037	0.0132	-0.0223	0.028	0.0206	0.0096	0.0154	0.0181	0.0477
Injury and poisoning (Chronic)	0	0.0371	0.0049	0.0075	0.0245	-0.0101	0.0181	-0.0127	0.0045

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