

1 **The association of gestational age and growth parameters at birth with rates of infection-**
2 **related hospitalisation throughout childhood: a population-based data linkage study from**
3 **Western Australia**

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15

1 SUMMARY

2

3 BACKGROUND

4 Reduced gestational age (GA) and low birth weight (BW) are associated with increased neonatal
5 infections. Long-term infection risk, especially in late preterms or at near normal BW, is
6 unknown. We estimated childhood infection-related hospitalisation rates by age, GA, BW, and
7 BL using Western Australian total linked population-based registry data.

8

9 METHODS

10 All non-Indigenous singletons born 1980-2010 were followed from birth-related hospital
11 discharge to 18 years, death, or end 2010. Negative binomial regression was used to generate rate
12 ratios (RR) for infection-related hospitalisations, identified by ICD codes.

13

14 FINDINGS

15 In 719,311 live-born singletons followed for 8,824,093 person-years, 365,866 infection-related
16 hospitalisations occurred in 213,682 children. Lower GA, BW, and BL were associated with
17 increased rates of infection-related mortality and hospitalisation. Infection-related hospitalisation
18 rates increased by 12% for each week reduction in GA <39-40 weeks (RR: 1.12, 95% CI, 1.12-
19 1.13), by 19% for each 500g reduction in BW <3000-3500g (RR: 1.19, 95% CI, 1.18-1.21), and
20 by 41% for each 5cm reduction in BL <46-50cm (RR: 1.41, 95% CI, 1.38-1.45). Similar findings
21 were observed in all clinical categories. BW z-scores <25-50th percentile and BL z-scores <10th-
22 25th percentile were associated with increased rates of infection-related hospitalisation. Those
23 born post-term, or with a BW or BL z-score >50th percentile, had modestly reduced rates of
24 infection-related hospitalisation.

1 INTERPRETATION

2 Those with reduced GA, BW, and BL, a large and unrecognised group, have persistently
3 increased rates of infection-related hospitalisation, even in those born late preterm or with near-
4 normal BW and BL.

5

6 FUNDING

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1 RESEARCH IN CONTEXT

2
3 EVIDENCE BEFORE THIS STUDY
4 There are substantial data describing the increased risk of neonatal infection in infants born
5 preterm and/or with low birth weight, particularly in those who are very preterm or low birth
6 weight. Whether infection-related morbidity is increased in childhood and adolescence,
7 especially in those born late preterm (34 - 36⁺⁶ weeks gestational age, GA), early term (37⁺⁰ -
8 38⁺⁶ weeks GA), and/or with near normal BW (2500 - 3000 g) is largely unknown. We searched
9 PubMed using the terms “child” AND “infection” AND “hospitalisation” AND (gestational age
10 OR birth weight OR birth length). We identified 70 articles without any date or language
11 restrictions on 1st February 2016. 30 were considered relevant to the current hypotheses. Of these,
12 20 related specifically to bronchiolitis, RSV or lower respiratory tract infection and two to
13 gastroenteritis. All showed that low BW and GA infants were at increased risk of hospitalisation
14 with these infections. Most remaining studies adjusted for BW and/or GA in analyses of other
15 exposures. Only one study from 2007 reported overall infection-related hospitalisations in
16 childhood, using population-based Danish data. They reported a 9% increased rate of
17 hospitalisation for each 500g reduction in BW persisting until age 10 years. There are no
18 population-based data that analyse GA or BL, nor with detailed data on late preterm/early term.

19 20 ADDED VALUE OF THIS STUDY

21 Analysis of 30 years of total population data from Western Australia showed that reduced
22 gestational age, birth weight and birth length were associated with an increased risk of
23 hospitalisation with infection from the birth-related hospital discharge until 18 years of age. The
24 heightened risk was observed in all clinical categories of infection and for all sub-optimal birth
25 parameters, including those born late preterm, early term, and with near-normal birth weight and
26 length.

27 28 IMPLICATIONS OF ALL THE AVAILABLE EVIDENCE

29 A substantial and previously unrecognised proportion of children and adolescents are at increased
30 risk of severe infection. Further studies should investigate whether similar findings are observed
31 in other populations. There are considerable policy implications in terms of optimising pregnancy
32 outcomes and in preventing infection in this population. This is especially relevant in resource-
33 limited settings where sub-optimal intrauterine growth and moderate prematurity are common.

1
2 Survival of very preterm and low birth weight (BW) infants has improved significantly, but less
3 is known about longer term health outcomes, especially in those born late preterm (34 - 36⁺⁶
4 weeks gestational age, GA), early term (37⁺⁰ - 38⁺⁶ weeks GA), and/or of near normal BW (2500
5 – 3000 g). Suboptimal intrauterine growth (reduced BW and birth length, BL) and shorter GA are
6 associated with adverse early outcomes, even in infants only moderately preterm or
7 underweight.¹⁻⁴ These parameters are also associated with increased risk of adult-onset non-
8 communicable diseases, suggesting that prematurity and/or suboptimal intrauterine growth may
9 have pervasive effects.^{2,5}

10
11 Preterm birth and low BW are characterised by impaired immunity and heightened risk of
12 neonatal infection.⁶ Post-neonatal infection-related mortality is significantly increased in very
13 preterm and very low BW infants,^{1,7} but the broader relationship between GA, BW, BL, and
14 infection-related morbidity in later childhood is incompletely understood.^{8,9} Additionally,
15 infection risk in those born late preterm or early term and/or close to optimal BW is largely
16 unknown. For this large relatively understudied population, recognition of heightened infection
17 risk would inform public health interventions.

18
19 We utilised 30 years of unique total population, linked health data to examine the hypothesis that
20 GA, BW, BL, and ponderal index z-scores are associated with infection-related mortality, and
21 with overall infection and infection-specific hospitalisation throughout childhood and
22 adolescence.

23

24 METHODS

1 *Study population*

2 All live-born singleton births recorded in the Western Australia Birth Register (Western Australia
3 population ~2.6 million) from January 1st 1980 to December 31st 2010 were identified and
4 linked to subsequent hospitalisations and/or death registrations. This captures all births in
5 Western Australia over this period. Data were extracted from the Midwives' Notification System,
6 Birth Register, Death Register, and Hospital Morbidity Database System, total population
7 statutory databases that have been repeatedly validated.^{10,11} Individuals of Aboriginal or Torres
8 Strait Islander descent were not included (Figure 1), as causal pathways are likely to be
9 qualitatively different and include substantial economic disadvantage.^{12,13}

10
11 The Midwives' Notification System collates standardised information (foetal biometry, maternal
12 history, and perinatal complications and procedures) on all births of >20 weeks GA or >400g
13 BW.¹¹ We assessed the type and timing of infection from the Hospital Morbidity Database
14 System, which has 100% coverage of public and private hospitalisations. Discharge diagnoses are
15 coded using International Classification of Diseases (ICD) versions 9 and 10-AM (from July
16 1999). Datasets were linked by stepped probabilistic matching, based on identifiers including
17 name, date of birth, sex, postcode, and ethnicity,¹⁴ by the Data Linkage Branch of the Western
18 Australia Department of Health, which provided de-identified data.

19

20 *Definition of infectious disease hospitalisations*

21 Hospitalisations with infection were identified using primary and \leq twenty secondary ICD codes,
22 a more robust measure of total infection burden than the primary code alone.¹² ICD codes were
23 also categorised *a priori* into seven clinical infection groups: (i) *invasive bacterial* (bacterial
24 isolation from a normally sterile deep site); (ii) *gastrointestinal* (bacterial, viral, or protozoal

1 gastroenteritis, or clinical diagnosis of infective gastroenteritis as the study period partly predates
2 rapid diagnostics); (iii) *lower respiratory tract* (microbiologically or clinically/radiologically
3 diagnosed airway infection, including and distal to the bronchi; including influenza with
4 predominantly respiratory features); (iv) *skin and soft tissue* (skin and adnexa, including cellulitis
5 and myositis); (v) *upper respiratory tract* (respiratory tract proximal to vocal chords, external,
6 middle and inner ear, mastoid, and sinuses); (vi) *genitourinary* (urinary or genital tract, including
7 sexually transmitted diseases); and (vii) *viral* (viral aetiologies not otherwise categorised).
8 Detailed ICD codes are given in the Appendix. If a single hospitalisation had more than one
9 infection coded, each was assigned to its respective category.

10
11 An infection-related hospitalisation was defined as admission with at ≥ 1 infection discharge code
12 occurring at least 24 hours after discharge for the birth-related hospitalisation. Overlapping or
13 nested hospital transfers, where < 24 hours had elapsed between discharge and re-hospitalisation,
14 and repeat infection-related hospitalisations within 7 days were considered as single admissions.

15
16 Death data were obtained from Western Australian Registry of Births, Deaths and Marriages.
17 Multiple cause history from the death certificate was converted to a single ICD-based coding by
18 the Australian Bureau of Statistics. For sudden or unexpected death, an autopsy and coronial
19 investigation are conducted, results coded, and data linked.¹⁵ Only infection-related mortality
20 data were analysed.

21
22 *Gestational age, birth weight, birth length, and ponderal index z-scores*

23 Gestational age was assessed from both last menstrual period and, from 1999 onwards, from
24 ultrasound-based estimates at 16-19 weeks gestation.¹⁶ Gestational age was categorised as <28 ,

1 28⁺⁰-29⁺⁶, 30⁺⁰-31⁺⁶, 32⁺⁰-34⁺⁶, 35, 36, 37, 38, 39⁺⁰-40⁺⁶ [term, reference], 41, and $\geq 42+$ weeks.
2 Birth weight was categorised by 500 gram (g) bands (≤ 1000 g through >4500 g, reference 3000-
3 3500g). Birth length was categorised by 5 centimetre (cm) bands (≤ 30 cm through 65cm,
4 reference 45-50cm). The reference ranges for BW and BL approximate to the 50th percentile for
5 term infants.¹⁷

6
7 As size at birth and GA are strongly correlated, GA- and sex-specific BW, BL, and ponderal
8 index³ z-scores were calculated from all live-born singleton births recorded in Western Australia
9 over the study period, excluding Indigenous children, those with severe intellectual disabilities,
10 birth defects, or recorded infection-related hospitalisation. Z-scores were categorised into
11 percentiles and hospitalisation rates within each category were compared to the 25th-50th
12 percentile (reference). In addition a population-specific percentage measure of appropriateness
13 of foetal growth, the percentage of optimal birth weight, was assessed.¹⁸

14 15 *Statistical Analysis*

16 For each child born January 1st 1980 through December 31st 2010, we calculated person-time-at-
17 risk from birth-related hospital discharge to death, their 18th birthday, or end of the study
18 (December 31st 2010), whichever occurred first. Number and type of infection-related
19 hospitalisations were the primary outcomes. Rate ratios (RR) were calculated for GA, BW, and
20 BL measures using a multi-level negative binomial regression framework (with births grouped by
21 mother), and adjusted for maternal age at delivery (<20 , 20-24, 25-29, 30-34, ≥ 35 years), birth
22 year (2 year blocks), birth season, parity (previous births no/yes), sex, five minute Apgar (0-7,8-
23 10), delivery mode (vaginal/caesarean), socioeconomic status (SES) (percentile: >90 (highest),
24 75-90, 50-75, 25-50, 10-25, <10), and bronchopulmonary dysplasia (ICD codes 770.7 and P27.1)

1 (present/absent), similar to previous hospitalisation studies.¹⁹ Negative binomial regression is
2 used for modeling over-dispersed count outcome variables. Percentiles for area-level SES were
3 defined by matching maternal address at birth to average socioeconomic census data for the same
4 census Collector's District (~200 homes) from the census year closest to the birth year.²⁰ Data on
5 smoking during pregnancy were only available from 1997 onwards and were not included in
6 overall analyses, as there was a clear start date for these data. Given the missing values for
7 smoking and SES, sensitivity analyses were conducted including and excluding these variables
8 (Appendix). All other covariates had very few missing data and therefore no imputations were
9 warranted. Analyses were performed in STATA, version 13.0.²¹

10

11 *Subgroup analysis*

12 To address whether findings were driven by a subgroup at higher risk, overall infection-related
13 hospitalisation RR were estimated in children without a diagnosed intellectual disability, severe
14 intellectual disability of unknown aetiology, birth defects, cerebral palsy, or no reported smoking
15 during pregnancy (where data were available), and separately in those whose mothers had no
16 reported complications or medical conditions during pregnancy. These data were extracted from
17 the Intellectual Disability Exploring Answers Database,²² Western Australia Register of
18 Developmental Anomalies,²³ Cerebral Palsy Register,²⁴ and Midwives' Notification System,¹¹
19 respectively.

20

21 *Role of the funding source*

22 The sponsor of the study had no role in study design, data collection, data analysis, data
23 interpretation, or writing of the report. The first and corresponding authors had full access to all
24 the data in the study and had final responsibility for the decision to submit for publication.

1 RESULTS

2 *Study cohort*

3 There were 792,372 births during the study period, of which 719,311 were included in the
4 analysis (Figure 1). These individuals constituted 8,824,093 person-years of follow-up. Follow-
5 up was terminated due to death for 2,950 (0.41%) individuals. 689,714 (95.9%) individuals were
6 followed to at least one year of age, 579,952 (80.6%) to five years, 466,066 (64.8%) to 10 years,
7 373,978 (52.0%) to 14 years, and 281,300 (39.1%) to 18 years. Characteristics of the study
8 population are presented in Table 1.

9

10 *Mortality*

11 2,950 individuals died during the study period and 386 (13%) deaths were attributed to infection.
12 Infection-related mortality was associated with preterm birth (adjusted odds ratio (OR): 1.98,
13 (95% CI, 1.49-2.63), low BW (OR: 3.79, (95% CI, 2.65-5.42), and low BL (OR: 4.33, (95% CI,
14 2.99-6.26).

15

16 *Hospitalisation with infection*

17 There were 365,866 hospitalisations in 213,682 (29.7%) individuals during the study period. Of
18 those hospitalized, 137,124 (19%) had one, 43,796 (6.1%) had two, 16,679 (2.3%) had three, and
19 16,084 (2.2%) had four or more infection-related hospitalisations. 174,653 (47.6%)
20 hospitalisations included a diagnosis of upper respiratory tract, 74,297 (20.3%) a lower
21 respiratory tract, 44,755 (12.2%) a gastrointestinal, 37,213 (10.1%) a viral, 16,611 (4.5%) a skin
22 and soft tissue, 12,688 (3.5%) a genito-urinary tract, and 6,245 (1.7%) an invasive bacterial
23 infection. In 128,924 of the 174,653 (74%) hospitalisations that included an upper respiratory
24 tract infection, this was the sole diagnosis, and in 10,874 hospitalisations (6.2%), both upper and

1 lower respiratory tract infections were coded. Infection-related hospitalisations peaked during the
2 first month of life and then declined, with varying patterns in different clinical infection
3 categories (Appendix).

4

5 *Gestational age and infection-related hospitalisations*

6 The increased RR for infection-related hospitalisation persisted until age 18 years and remained
7 elevated in those born preterm and early term, with the highest rates in the most preterm infants
8 (Table 2, Figure 2a). Rates of infection-related hospitalisation were modestly reduced for those
9 born ≥ 41 weeks GA (Table 2). Infection-related hospitalisation rates increased by 12% per week
10 born < 39 -40 weeks GA (RR: 1.12, 95% CI, 1.12-1.13); ranging from 8% for skin and soft tissue
11 (RR: 1.08, 95% CI, 1.06-1.10) to 20% for lower respiratory tract infection (RR: 1.20, 95% CI,
12 1.19-1.21) (Appendix). Hospitalisation rates were highest for those born < 28 weeks GA until 18
13 years; the adjusted RR compared to term varied between 4.49 (95% CI, 3.69-5.45) for lower
14 respiratory tract to 1.98 (95% CI, 1.25-3.13) for skin and soft tissue infection (Table 2).

15

16 *Birth weight and infection-related hospitalisations*

17 Infection-related hospitalisation rates increased for those born < 3000 -3500g and remained
18 elevated until age 18 years (Table 2, Figure 2b). A 500g reduction in BW from 3000-3500g was
19 associated with an increased rate of infection-related hospitalisation of 19% (RR: 1.19, 95% CI,
20 1.18-1.21), ranging from 33% (RR: 1.33, 95% CI, 1.31-1.36) for lower respiratory tract
21 infection to 16% (RR: 1.16, 95% CI, 1.11-1.20) for skin and soft tissue (Appendix). The highest
22 rate was for lower respiratory tract infection in children born < 1000 g (RR: 3.89, 95% CI, 3.19-
23 4.76).

24

1 *Birth length, ponderal index, and infection-related hospitalisations*

2 Infection-related hospitalisation rates were increased for those with a BL <45-50cm (Table 2,
3 Figure 2c). Rate ratios for BL <30cm and >60-65cm had greater variability due to small numbers
4 (Table 1, Figure 2c). A 5cm reduction in BL from 45-50cm was associated with an increased rate
5 of infection-related hospitalisation of 41% (RR: 1.41, 95% CI, 1.38-1.45), ranging from 71%
6 (RR: 1.71, 95% CI, 1.64-1.78) for lower respiratory tract infection to 33% (RR: 1.33, 95% CI,
7 1.29-1.37) for upper respiratory tract infection (Appendix).

8
9 Infection-related hospitalisation rate ratios were highest in those with GA- and sex-specific BW
10 z-scores <25-50th percentile (e.g. 1-5th percentile RR: 1.15, 95% CI, 1.12-1.19), with BL z-scores
11 <10-25th percentile (e.g. 1-5th percentile RR: 1.11, 95% CI, 1.07-1.14), and with a ponderal index
12 z-score <25-50th percentile (e.g. 1-5th percentile RR: 1.08, 95% CI, 1.04-1.12). Rate ratios
13 remained largely unchanged for BW and BL z-scores >50th percentile. Ponderal index z-scores
14 between the 75th-95th percentiles had modestly reduced rates of infection-related hospitalisation
15 (e.g. 90-95th percentile RR: 0.96, 95% CI, 0.93-0.98) (Figure 3). Percentage of optimal BW <75th
16 percentile had an increased rate of infection-related hospitalisation (Appendix).

17
18 The subgroup analysis included 259,752 children (36.1% of the total study population); smoking
19 data were available for 54.5% of the cohort. Comparable estimates for infection-related
20 hospitalisation rates by GA, BW, and BL were observed in the analysis that excluded high-risk
21 children, and in sensitivity analyses of those with complete smoking or without SES data
22 (Appendix).

23

24

1 DISCUSSION

2 This is the most comprehensive analysis to date of the impact of GA, BW, and BL on infectious
3 disease morbidity in childhood and adolescence. Preterm and early term birth, low BW, low BL,
4 and low percentile BW and BL z-scores are associated with a persistently increased rate of
5 infection-related hospitalisation in childhood. Low BW and BL had larger effect sizes than
6 preterm birth on infection-related mortality, and on infection-related hospitalisation. The rate of
7 infection-related hospitalisation was highest in those born at the earliest GA and/or with the
8 lowest BW or BL, but was significantly increased in late preterm and early term, and in those
9 with near-normal BW or BL. These findings highlight a considerable and under-appreciated
10 population at risk of severe childhood infection. This is of particular relevance to low- and
11 middle-income countries, where birth growth parameters are lower than the previously reported
12 WHO standards, and where ~43.3 million infants are born preterm, low BW, and/or small for
13 GA.^{3,17}

14
15 The rates of hospitalisation varied between infection categories. Chronic lung disease accounted
16 for a fraction of lower respiratory tract infection, suggesting that the effects of prematurity, low
17 BW and BL on infection rates are largely independent of common preterm co-morbidities. The
18 highest rate of infection-related hospitalisation was in the first year of life when innate immune
19 responses predominate. These responses are suboptimal in preterm infants⁶ but most data are
20 from cord blood analysis of very preterm infants. Immune responses in late preterm/early term
21 infants, or those with moderately low or high BW and BL are poorly characterised, as is immune
22 ontogeny in childhood.

23

1 Previous analysis of Western Australian population data indicated that overall re-hospitalisation
2 risk decreases with increasing GA, but birth parameters, covariates, and infection categories were
3 not assessed.⁴ There are limited data from other populations on the relationship between GA,
4 BW, BL, and childhood infection-related hospitalisations. A US study of 33,276 infants reported
5 higher overall re-hospitalisation rates in preterm infants in the 3 weeks following discharge from
6 birth-related admission.⁸ A UK case-cohort study found modest differences in re-hospitalisation
7 rates for late preterm children, although no diagnoses were given.²⁵ US population-based data
8 showed late preterms had twice the hospitalisation rate of term infants, with respiratory and
9 gastrointestinal diagnoses predominating.⁹ The UK Millennium Cohort Study reported that
10 children born <32 weeks were more likely to have ≥ 3 hospitalisations by age 3-5 years, with
11 late/moderate preterm and early term births contributing most to disease burden.²⁶ In a study of
12 >300,000 UK infants followed over 11 years, risk of hospitalisation for respiratory infections and
13 asthma was increased until age 5 years in those <40 weeks GA or small for GA.²⁷ Moderately
14 low BW has been associated with increased childhood infection-related mortality in US preterm
15 infants, but not in those small-for-GA.²⁸ A 27-year Danish population study showed a significant
16 association between low BW and specific infections throughout childhood, after partial
17 adjustment for GA, but not for SES.¹⁹ Our findings are in keeping with these data and provide
18 more complete information on birth parameters, longer follow-up, and specific infection
19 categories.

20
21 The strengths of our study include routinely collected data on a complete population cohort,
22 removing possible selection, participation, or recall bias, a large sample size and person-years of
23 follow-up, and findings generalisable to similar populations. We had almost complete data on
24 birth parameters and generated population-specific z-scores for BW and BL, which should be

1 analysed contingent on GA, as measures are highly correlated. As infection-related mortality is
2 relatively rare, we used hospitalisation with infection as a severity marker, as it is less influenced
3 by health-seeking behaviour, SES, and physician management compared to primary care or
4 emergency department presentations.²⁹

5
6 Total population analyses have some unavoidable limitations. We were unable to assess
7 migration from Western Australia or transfer to facilities outside the state, which are both rare.³⁰
8 Some factors on the causal pathway, such as breast-feeding, cannot be assessed from population-
9 level data. We cannot comment on possible effects of maternal nutritional status or postnatal
10 growth, as these data are not linked. Hospitalisation is a more robust measure of significant
11 morbidity, but does not capture commoner, less severe infections managed outside hospital. The
12 threshold to hospitalise a child with an infection may vary between physicians and birth
13 parameters may impact on this, although cannot be assessed. We accounted for important
14 confounders and excluded the possibility that the findings were driven by a small group of high-
15 risk children. The increased overall hospitalisation of low GA, BW or BL infants may result in
16 increased infection-related diagnoses, although in the majority of hospitalisations infection was
17 coded as the primary diagnosis.

18
19 Given the small number of infection-related deaths (13%), we could not assess age-related
20 mortality. Infection-related mortality was probably underestimated, as only a single cause of
21 death code is available and therefore this was not a primary outcome.

22
23 In conclusion, reduced GA, low BW, low BL, and low percentiles of BW and BL z-scores are
24 significantly associated with increased rates of infection-related mortality and hospitalisation

1 throughout childhood. Future studies should employ multiple, fully-adjusted measures of
2 intrauterine growth to facilitate comparisons. We highlight a large and under-appreciated
3 population of late preterm/early term, and near-normal BW and BL infants, who are at increased
4 and persistent risk of severe infection throughout childhood. These data may be of particular
5 relevance to resource-poor settings, where this population is proportionally large. Further studies
6 in these settings are warranted. Interventions to prolong gestation, optimise intrauterine growth,
7 and prevent severe infections in high-risk children will have considerable impact on mortality and
8 morbidity in childhood, and on possible sequelae of infection, including non-communicable
9 diseases.
10

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4 maintaining the Midwives' Notification System and the Hospital Morbidity Data System for their
5 support.

6

7 CONFLICT OF INTEREST DISCLOSURE

8 All authors have reported no conflict of interest.

9

10 CONTRIBUTION OF AUTHORSHIP

11 All authors contributed to the planning and design of the epidemiological study. JEM, GCH,
12 DPB and TS were involved in review of the raw data and directly involved in the analysis. NdK
13 oversaw this process and provided analytical feedback based on aggregated results. DPB, JEM,
14 KWC, and HCM developed clinical infection categories. DPB drafted the manuscript, with input
15 from all authors, particularly TS, JEM, and GCH. All authors provided substantive review and
16 commentary on multiple drafts and approved the final version. JEM, KWC, and NdK had full
17 access to all of the data in the study and take responsibility for the integrity of the data
18 and the accuracy of the data analysis. JEM, GCH and TS contributed equally.

19

20 DETAILS OF ETHICS APPROVAL

21 Ethics approval for this study and for the use of health data was obtained from the Western
22 Australian Department of Health Human Research Ethics Committee (2011/64).

23

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1 **TABLE AND FIGURE LEGENDS:**

2

3 **Table Legends**

4 **Table 1:** Characteristics of study population, Western Australia 1980-2010

5 **Table 2:** Overall adjusted childhood infection-related hospitalisation rate ratios for gestational
6 age birth weight, and birth length, by infection category, Western Australia 1980-2010

7

8 **Figure legends**

9 **Figure 1:** Flowchart of study population

10 **Figure 2:** Age-specific adjusted rate ratios for infection-related hospitalisation by (a) gestational
11 age, (b) birth weight, and (c) birth length, Western Australia 1980-2010

12 **Figure 3:** Overall adjusted childhood infection-related hospitalisation rate ratio and 95%
13 confidence interval by (a) birth weight z-score, (b) birth length z-score, and (c) ponderal index z-
14 score, Western Australia 1980-2010

15

16 **Supplementary material**

17 **Supplementary Table page 1:** ICD codes for all infection diagnostic group

18 **Supplementary Table page 58:** ICD codes for invasive bacterial infection diagnostic group

19 **Supplementary Table page 67:** ICD codes for gastrointestinal infection diagnostic group

20 **Supplementary Table page 70:** ICD codes for lower respiratory infection diagnostic group

21 **Supplementary Table page 77:** ICD codes for skin and soft tissue infection diagnostic group

22 **Supplementary Table page 81:** ICD codes for upper respiratory infection diagnostic group

23 **Supplementary Table page 83:** ICD codes for genito-urinary infection diagnostic group

24 **Supplementary Table page 87:** ICD codes for viral infection diagnostic group

- 1 **Supplementary Table page 96:** Numbers of participants followed within each age stratum and
2 the rate of infection-related hospitalisation in infection categories
- 3 **Supplementary Table page 97:** Change in rate for gestational age, birth weight, and birth
4 length, by infection category
- 5 **Supplementary Table page 98:** Overall adjusted childhood infection-related hospitalisation rate
6 ratio and 95% confidence interval in total population and in children not considered to be at high
7 risk.
- 8 **Supplementary Table page 99:** Overall adjusted childhood infection-related hospitalisation rate
9 ratio and 95% confidence interval with and without adjustments for socioeconomic status and
10 smoking during pregnancy in model.
- 11 **Supplementary Figure page 100-102:** Overall adjusted childhood infection-related
12 hospitalisation rate ratios and 95% confidence intervals by (a) gestational age, (b) birth weight,
13 and (c) birth length in total population and in subgroup of children without biological or
14 unknown severe intellectual disability, birth defects, cerebral palsy, and whose mothers did not
15 smoke during pregnancy
- 16 **Supplementary Figure page 103-105:** Overall adjusted childhood infection-related
17 hospitalisation rate ratios for any infection and infection categories by (a) gestational age (b)
18 birth weight, and (c) birth length, Western Australia 1980-2010
- 19 **Supplementary Figure page 106:** Overall adjusted childhood infection-related hospitalisation
20 rate ratios for percentage of optimal birth weight, by infection category, Western Australia 1980-
21 2010

Supplementary Table: ICD codes for all infection diagnostic group

001.0	CHOLERA D/T VIB CHOLERAE (ICD9)
001.1	CHOLERA D/T VIB EL TOR (ICD9)
001.9	CHOLERA NOS (ICD9)
002.0	TYPHOID FEVER (ICD9)
002.1	PARATYPHOID FEVER A (ICD9)
002.2	PARATYPHOID FEVER B (ICD9)
002.3	PARATYPHOID FEVER C (ICD9)
002.9	PARATYPHOID FEVER NOS (ICD9)
003.0	SALMONELLA ENTERITIS (ICD9)
003.1	SALMONELLA SEPTICEMIA (ICD9)
003.20	LOCAL SALMONELLA INF NOS (ICD9)
003.21	SALMONELLA MENINGITIS (ICD9)
003.22	SALMONELLA PNEUMONIA (ICD9)
003.23	SALMONELLA ARTHRITIS (ICD9)
003.24	SALMONELLA OSTEOMYELITIS (ICD9)
003.29	LOCAL SALMONELLA INF NEC (ICD9)
003.8	SALMONELLA INFECTION NEC (ICD9)
003.9	SALMONELLA INFECTION NOS (ICD9)
004.0	SHIGELLA DYSENTERIAE (ICD9)
004.1	SHIGELLA FLEXNERI (ICD9)
004.2	SHIGELLA BOYDII (ICD9)
004.3	SHIGELLA SONNEI (ICD9)
004.8	SHIGELLA INFECTION NEC (ICD9)
004.9	SHIGELLOSIS NOS (ICD9)
005.0	STAPH FOOD POISONING (ICD9)
005.1	BOTULISM (ICD9)
005.2	FOOD POIS D/T C. PERFRIN (ICD9)
005.3	FOOD POIS: CLOSTRID NEC (ICD9)
005.4	FOOD POIS: V. PARAHAEM (ICD9)
005.8	BACT FOOD POISONING NEC (End 1995) (ICD9)
005.81	FOOD POISONING VIBRIO (Begin 1995) (ICD9)
005.89	OTH BACT FOOD POISONING (Begin 1995) (ICD9)
005.9	FOOD POISONING NOS (ICD9)
006.0	AC AMEBIASIS W/O ABSCESS (ICD9)
006.1	CHR AMEBIASIS W/O ABSCESS (ICD9)
006.2	AMEBIC NONDYSENT COLITIS (ICD9)
006.3	AMEBIC LIVER ABSCESS (ICD9)
006.4	AMEBIC LUNG ABSCESS (ICD9)
006.5	AMEBIC BRAIN ABSCESS (ICD9)
006.6	AMEBIC SKIN ULCERATION (ICD9)
006.8	AMEBIC INFECTION NEC (ICD9)
006.9	AMEBIASIS NOS (ICD9)
007.0	BALANTIDIASIS (ICD9)
007.1	GIARDIASIS (ICD9)
007.2	COCCIDIOSIS (ICD9)
007.3	INTEST TRICHOMONIASIS (ICD9)
007.4	OT PROTOZ INTEST DX- CRYPT (Begin 1997) (ICD9)
007.5	CYCLOSPORIASIS (Begin 2000) (ICD9)
007.8	PROTOZOAL INTEST DIS NEC (ICD9)
007.9	PROTOZOAL INTEST DIS NOS (ICD9)
008.0	E. COLI ENTERITIS (Begin 1980) (ICD9)
008.00	E. COLI ENTERITIS-NOS (Begin 1992) (ICD9)
008.01	E. COLI ENTERITIS-PATH (Begin 1992) (ICD9)
008.02	E. COLI ENTERITIS-TOX (Begin 1992) (ICD9)
008.03	E. COLI ENTERITIS-INVAS (Begin 1992) (ICD9)
008.04	E. COLI ENTERITIS-HEMOR (Begin 1992) (ICD9)
008.09	E. COLI ENTERITIS-OTHER (Begin 1992) (ICD9)
008.1	ARIZONA ENTERITIS (ICD9)

008.2 AEROBACTER ENTERITIS (ICD9)
 008.3 PROTEUS ENTERITIS (ICD9)
 008.41 STAPHYLOCOCC ENTERITIS (ICD9)
 008.42 PSEUDOMONAS ENTERITIS (ICD9)
 008.43 CAMPYLOBACTER (Begin 1992) (ICD9)
 008.44 YERSINIA (Begin 1992) (ICD9)
 008.45 CLOSTRIDIUM DIF (Begin 1992) (ICD9)
 008.46 OTHER ANAEROBES (Begin 1992) (ICD9)
 008.47 OTH GRAM NEG BACT (Begin 1992) (ICD9)
 008.49 BACTERIAL ENTERITIS NEC (ICD9)
 008.5 BACTERIAL ENTERITIS NOS (ICD9)
 008.6 VIRAL ENTERITIS NEC (Begin 1980 (ICD9)
 008.61 ROTAVIRUS ENTERITIS (Begin 1992) (ICD9)
 008.62 ADENOVIR ENTERITIS (Begin 1992) (ICD9)
 008.63 NORWALK VIR ENTERITIS (Begin 1992) (ICD9)
 008.64 SML ROUND VIR ENTERITIS (Begin 1992) (ICD9)
 008.65 CALCIVIRUS ENTERITIS (Begin 1992) (ICD9)
 008.66 ASTROVIRUS ENTERITIS (Begin 1992) (ICD9)
 008.67 ENTERITIS NEC (Begin 1992) (ICD9)
 008.69 ENTERITIS NOS (Begin 1992) (ICD9)
 008.8 VIRAL ENTERITIS NOS (ICD9)
 009.0 INFECTIOUS ENTERITIS NOS (ICD9)
 009.1 ENTERITIS OF INFECT ORIG (ICD9)
 009.2 INFECTIOUS DIARRHEA NOS (ICD9)
 009.3 DIARRHEA OF INFECT ORIG (ICD9)
 010.00 PRIM TB COMPLEX-UNSPEC (ICD9)
 010.01 PRIM TB COMPLEX-NO EXAM (ICD9)
 010.02 PRIM TB COMPLEX-EXM UNKN (ICD9)
 010.03 PRIM TB COMPLEX-MICRO DX (ICD9)
 010.04 PRIM TB COMPLEX-CULT DX (ICD9)
 010.05 PRIM TB COMPLEX-HISTO DX (ICD9)
 010.06 PRIM TB COMPLEX-OTH TEST (ICD9)
 010.10 PRIM TB PLEURISY-UNSPEC (ICD9)
 010.11 PRIM TB PLEURISY-NO EXAM (ICD9)
 010.12 PRIM TB PLEUR-EXAM UNKN (ICD9)
 010.13 PRIM TB PLEURIS-MICRO DX (ICD9)
 010.14 PRIM TB PLEURISY-CULT DX (ICD9)
 010.15 PRIM TB PLEURIS-HISTO DX (ICD9)
 010.16 PRIM TB PLEURIS-OTH TEST (ICD9)
 010.80 PRIM PROG TB NEC-UNSPEC (ICD9)
 010.81 PRIM PROG TB NEC-NO EXAM (ICD9)
 010.82 PRIM PR TB NEC-EXAM UNKN (ICD9)
 010.83 PRIM PRG TB NEC-MICRO DX (ICD9)
 010.84 PRIM PROG TB NEC-CULT DX (ICD9)
 010.85 PRIM PRG TB NEC-HISTO DX (ICD9)
 010.86 PRIM PRG TB NEC-OTH TEST (ICD9)
 010.90 PRIMARY TB NOS-UNSPEC (ICD9)
 010.91 PRIMARY TB NOS-NO EXAM (ICD9)
 010.92 PRIMARY TB NOS-EXAM UNKN (ICD9)
 010.93 PRIMARY TB NOS-MICRO DX (ICD9)
 010.94 PRIMARY TB NOS-CULT DX (ICD9)
 010.95 PRIMARY TB NOS-HISTO DX (ICD9)
 010.96 PRIMARY TB NOS-OTH TEST (ICD9)
 011.00 TB LUNG INFILTR-UNSPEC (ICD9)
 011.01 TB LUNG INFILTR-NO EXAM (ICD9)
 011.02 TB LUNG INFILTR-EXM UNKN (ICD9)
 011.03 TB LUNG INFILTR-MICRO DX (ICD9)
 011.04 TB LUNG INFILTR-CULT DX (ICD9)
 011.05 TB LUNG INFILTR-HISTO DX (ICD9)
 011.06 TB LUNG INFILTR-OTH TEST (ICD9)

011.10 TB LUNG NODULAR-UNSPEC (ICD9)
011.11 TB LUNG NODULAR-NO EXAM (ICD9)
011.12 TB LUNG NODUL-EXAM UNKN (ICD9)
011.13 TB LUNG NODULAR-MICRO DX (ICD9)
011.14 TB LUNG NODULAR-CULT DX (ICD9)
011.15 TB LUNG NODULAR-HISTO DX (ICD9)
011.16 TB LUNG NODULAR-OTH TEST (ICD9)
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011.21 TB LUNG W CAVITY-NO EXAM (ICD9)
011.22 TB LUNG CAVITY-EXAM UNKN (ICD9)
011.23 TB LUNG W CAVIT-MICRO DX (ICD9)
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011.25 TB LUNG W CAVIT-HISTO DX (ICD9)
011.26 TB LUNG W CAVIT-OTH TEST (ICD9)
011.30 TB OF BRONCHUS-UNSPEC (ICD9)
011.31 TB OF BRONCHUS-NO EXAM (ICD9)
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011.33 TB OF BRONCHUS-MICRO DX (ICD9)
011.34 TB OF BRONCHUS-CULT DX (ICD9)
011.35 TB OF BRONCHUS-HISTO DX (ICD9)
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011.40 TB LUNG FIBROSIS-UNSPEC (ICD9)
011.41 TB LUNG FIBROSIS-NO EXAM (ICD9)
011.42 TB LUNG FIBROS-EXAM UNKN (ICD9)
011.43 TB LUNG FIBROS-MICRO DX (ICD9)
011.44 TB LUNG FIBROSIS-CULT DX (ICD9)
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011.46 TB LUNG FIBROS-OTH TEST (ICD9)
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011.51 TB BRONCHIECT-NO EXAM (ICD9)
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011.65 TB PNEUMONIA-HISTO DX (ICD9)
011.66 TB PNEUMONIA-OTH TEST (ICD9)
011.70 TB PNEUMOTHORAX-UNSPEC (ICD9)
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011.72 TB PNEUMOTHORAX-EXAM UNKN (ICD9)
011.73 TB PNEUMOTHORAX-MICRO DX (ICD9)
011.74 TB PNEUMOTHORAX-CULT DX (ICD9)
011.75 TB PNEUMOTHORAX-HISTO DX (ICD9)
011.76 TB PNEUMOTHORAX-OTH TEST (ICD9)
011.80 PULMONARY TB NEC-UNSPEC (ICD9)
011.81 PULMONARY TB NEC-NO EXAM (ICD9)
011.82 PULMON TB NEC-EXAM UNKN (ICD9)
011.83 PULMON TB NEC-MICRO DX (ICD9)
011.84 PULMON TB NEC-CULT DX (ICD9)
011.85 PULMON TB NEC-HISTO DX (ICD9)
011.86 PULMON TB NEC-OTH TEST (ICD9)
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011.93 PULMON TB NOS-MICRO DX (ICD9)

011.94 PULMON TB NOS-CULT DX (ICD9)
011.95 PULMON TB NOS-HISTO DX (ICD9)
011.96 PULMON TB NOS-OTH TEST (ICD9)
012.00 TB PLEURISY-UNSPEC (ICD9)
012.01 TB PLEURISY-NO EXAM (ICD9)
012.02 TB PLEURISY-EXAM UNKN (ICD9)
012.03 TB PLEURISY-MICRO DX (ICD9)
012.04 TB PLEURISY-CULT DX (ICD9)
012.05 TB PLEURISY-HISTOLOG DX (ICD9)
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012.10 TB THORACIC NODES-UNSPEC (ICD9)
012.11 TB THORAX NODE-NO EXAM (ICD9)
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012.14 TB THORAX NODE-CULT DX (ICD9)
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012.16 TB THORAX NODE-OTH TEST (ICD9)
012.20 ISOL TRACHEAL TB-UNSPEC (ICD9)
012.21 ISOL TRACHEAL TB-NO EXAM (ICD9)
012.22 ISOL TRACH TB-EXAM UNKN (ICD9)
012.23 ISOLAT TRACH TB-MICRO DX (ICD9)
012.24 ISOL TRACHEAL TB-CULT DX (ICD9)
012.25 ISOLAT TRACH TB-HISTO DX (ICD9)
012.26 ISOLAT TRACH TB-OTH TEST (ICD9)
012.30 TB LARYNGITIS-UNSPEC (ICD9)
012.31 TB LARYNGITIS-NO EXAM (ICD9)
012.32 TB LARYNGITIS-EXAM UNKN (ICD9)
012.33 TB LARYNGITIS-MICRO DX (ICD9)
012.34 TB LARYNGITIS-CULT DX (ICD9)
012.35 TB LARYNGITIS-HISTO DX (ICD9)
012.36 TB LARYNGITIS-OTH TEST (ICD9)
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012.81 RESP TB NEC-NO EXAM (ICD9)
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012.84 RESP TB NEC-CULT DX (ICD9)
012.85 RESP TB NEC-HISTO DX (ICD9)
012.86 RESP TB NEC-OTH TEST (ICD9)
013.00 TB MENINGITIS-UNSPEC (ICD9)
013.01 TB MENINGITIS-NO EXAM (ICD9)
013.02 TB MENINGITIS-EXAM UNKN (ICD9)
013.03 TB MENINGITIS-MICRO DX (ICD9)
013.04 TB MENINGITIS-CULT DX (ICD9)
013.05 TB MENINGITIS-HISTO DX (ICD9)
013.06 TB MENINGITIS-OTH TEST (ICD9)
013.10 TUBRCLMA MENINGES-UNSPEC (ICD9)
013.11 TUBRCLMA MENING-NO EXAM (ICD9)
013.12 TUBRCLMA MENIN-EXAM UNKN (ICD9)
013.13 TUBRCLMA MENING-MICRO DX (ICD9)
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013.15 TUBRCLMA MENING-HISTO DX (ICD9)
013.16 TUBRCLMA MENING-OTH TEST (ICD9)
013.20 TUBERCULOMA BRAIN-UNSPEC (ICD9)
013.21 TUBRCLOMA BRAIN-NO EXAM (ICD9)
013.22 TUBRCLMA BRAIN-EXAM UNKN (ICD9)
013.23 TUBRCLOMA BRAIN-MICRO DX (ICD9)
013.24 TUBRCLOMA BRAIN-CULT DX (ICD9)
013.25 TUBRCLOMA BRAIN-HISTO DX (ICD9)
013.26 TUBRCLOMA BRAIN-OTH TEST (ICD9)
013.30 TB BRAIN ABSCESS-UNSPEC (ICD9)

013.31 TB BRAIN ABSCESS-NO EXAM (ICD9)
013.32 TB BRAIN ABSC-EXAM UNKN (ICD9)
013.33 TB BRAIN ABSC-MICRO DX (ICD9)
013.34 TB BRAIN ABSCESS-CULT DX (ICD9)
013.35 TB BRAIN ABSC-HISTO DX (ICD9)
013.36 TB BRAIN ABSC-OTH TEST (ICD9)
013.40 TUBRCLMA SP CORD-UNSPEC (ICD9)
013.41 TUBRCLMA SP CORD-NO EXAM (ICD9)
013.42 TUBRCLMA SP CD-EXAM UNKN (ICD9)
013.43 TUBRCLMA SP CRD-MICRO DX (ICD9)
013.44 TUBRCLMA SP CORD-CULT DX (ICD9)
013.45 TUBRCLMA SP CRD-HISTO DX (ICD9)
013.46 TUBRCLMA SP CRD-OTH TEST (ICD9)
013.50 TB SP CRD ABSCESS-UNSPEC (ICD9)
013.51 TB SP CRD ABSC-NO EXAM (ICD9)
013.52 TB SP CRD ABSC-EXAM UNKN (ICD9)
013.53 TB SP CRD ABSC-MICRO DX (ICD9)
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013.55 TB SP CRD ABSC-HISTO DX (ICD9)
013.56 TB SP CRD ABSC-OTH TEST (ICD9)
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013.61 TB ENCEPHALITIS-NO EXAM (ICD9)
013.62 TB ENCEPHALIT-EXAM UNKN (ICD9)
013.63 TB ENCEPHALITIS-MICRO DX (ICD9)
013.64 TB ENCEPHALITIS-CULT DX (ICD9)
013.65 TB ENCEPHALITIS-HISTO DX (ICD9)
013.66 TB ENCEPHALITIS-OTH TEST (ICD9)
013.80 CNS TB NEC-UNSPEC (ICD9)
013.81 CNS TB NEC-NO EXAM (ICD9)
013.82 CNS TB NEC-EXAM UNKN (ICD9)
013.83 CNS TB NEC-MICRO DX (ICD9)
013.84 CNS TB NEC-CULT DX (ICD9)
013.85 CNS TB NEC-HISTO DX (ICD9)
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013.91 CNS TB NOS-NO EXAM (ICD9)
013.92 CNS TB NOS-EXAM UNKN (ICD9)
013.93 CNS TB NOS-MICRO DX (ICD9)
013.94 CNS TB NOS-CULT DX (ICD9)
013.95 CNS TB NOS-HISTO DX (ICD9)
013.96 CNS TB NOS-OTH TEST (ICD9)
014.00 TB PERITONITIS-UNSPEC (ICD9)
014.01 TB PERITONITIS-NO EXAM (ICD9)
014.02 TB PERITONITIS-EXAM UNKN (ICD9)
014.03 TB PERITONITIS-MICRO DX (ICD9)
014.04 TB PERITONITIS-CULT DX (ICD9)
014.05 TB PERITONITIS-HISTO DX (ICD9)
014.06 TB PERITONITIS-OTH TEST (ICD9)
014.80 INTESTINAL TB NEC-UNSPEC (ICD9)
014.81 INTESTIN TB NEC-NO EXAM (ICD9)
014.82 INTEST TB NEC-EXAM UNKN (ICD9)
014.83 INTESTIN TB NEC-MICRO DX (ICD9)
014.84 INTESTIN TB NEC-CULT DX (ICD9)
014.85 INTESTIN TB NEC-HISTO DX (ICD9)
014.86 INTESTIN TB NEC-OTH TEST (ICD9)
015.00 TB OF VERTEBRA-UNSPEC (ICD9)
015.01 TB OF VERTEBRA-NO EXAM (ICD9)
015.02 TB OF VERTEBRA-EXAM UNKN (ICD9)
015.03 TB OF VERTEBRA-MICRO DX (ICD9)
015.04 TB OF VERTEBRA-CULT DX (ICD9)

015.05 TB OF VERTEBRA-HISTO DX (ICD9)
015.06 TB OF VERTEBRA-OTH TEST (ICD9)
015.10 TB OF HIP-UNSPEC (ICD9)
015.11 TB OF HIP-NO EXAM (ICD9)
015.12 TB OF HIP-EXAM UNKN (ICD9)
015.13 TB OF HIP-MICRO DX (ICD9)
015.14 TB OF HIP-CULT DX (ICD9)
015.15 TB OF HIP-HISTO DX (ICD9)
015.16 TB OF HIP-OTH TEST (ICD9)
015.20 TB OF KNEE-UNSPEC (ICD9)
015.21 TB OF KNEE-NO EXAM (ICD9)
015.22 TB OF KNEE-EXAM UNKN (ICD9)
015.23 TB OF KNEE-MICRO DX (ICD9)
015.24 TB OF KNEE-CULT DX (ICD9)
015.25 TB OF KNEE-HISTO DX (ICD9)
015.26 TB OF KNEE-OTH TEST (ICD9)
015.50 TB OF LIMB BONES-UNSPEC (ICD9)
015.51 TB LIMB BONES-NO EXAM (ICD9)
015.52 TB LIMB BONES-EXAM UNKN (ICD9)
015.53 TB LIMB BONES-MICRO DX (ICD9)
015.54 TB LIMB BONES-CULT DX (ICD9)
015.55 TB LIMB BONES-HISTO DX (ICD9)
015.56 TB LIMB BONES-OTH TEST (ICD9)
015.60 TB OF MASTOID-UNSPEC (ICD9)
015.61 TB OF MASTOID-NO EXAM (ICD9)
015.62 TB OF MASTOID-EXAM UNKN (ICD9)
015.63 TB OF MASTOID-MICRO DX (ICD9)
015.64 TB OF MASTOID-CULT DX (ICD9)
015.65 TB OF MASTOID-HISTO DX (ICD9)
015.66 TB OF MASTOID-OTH TEST (ICD9)
015.70 TB OF BONE NEC-UNSPEC (ICD9)
015.71 TB OF BONE NEC-NO EXAM (ICD9)
015.72 TB OF BONE NEC-EXAM UNKN (ICD9)
015.73 TB OF BONE NEC-MICRO DX (ICD9)
015.74 TB OF BONE NEC-CULT DX (ICD9)
015.75 TB OF BONE NEC-HISTO DX (ICD9)
015.76 TB OF BONE NEC-OTH TEST (ICD9)
015.80 TB OF JOINT NEC-UNSPEC (ICD9)
015.81 TB OF JOINT NEC-NO EXAM (ICD9)
015.82 TB JOINT NEC-EXAM UNKN (ICD9)
015.83 TB OF JOINT NEC-MICRO DX (ICD9)
015.84 TB OF JOINT NEC-CULT DX (ICD9)
015.85 TB OF JOINT NEC-HISTO DX (ICD9)
015.86 TB OF JOINT NEC-OTH TEST (ICD9)
015.90 TB BONE/JOINT NOS-UNSPEC (ICD9)
015.91 TB BONE/JT NOS-NO EXAM (ICD9)
015.92 TB BONE/JT NOS-EXAM UNKN (ICD9)
015.93 TB BONE/JT NOS-MICRO DX (ICD9)
015.94 TB BONE/JT NOS-CULT DX (ICD9)
015.95 TB BONE/JT NOS-HISTO DX (ICD9)
015.96 TB BONE/JT NOS-OTH TEST (ICD9)
016.00 TB OF KIDNEY-UNSPEC (ICD9)
016.01 TB OF KIDNEY-NO EXAM (ICD9)
016.02 TB OF KIDNEY-EXAM UNKN (ICD9)
016.03 TB OF KIDNEY-MICRO DX (ICD9)
016.04 TB OF KIDNEY-CULT DX (ICD9)
016.05 TB OF KIDNEY-HISTO DX (ICD9)
016.06 TB OF KIDNEY-OTH TEST (ICD9)
016.10 TB OF BLADDER-UNSPEC (ICD9)
016.11 TB OF BLADDER-NO EXAM (ICD9)

016.12 TB OF BLADDER-EXAM UNKN (ICD9)
016.13 TB OF BLADDER-MICRO DX (ICD9)
016.14 TB OF BLADDER-CULT DX (ICD9)
016.15 TB OF BLADDER-HISTO DX (ICD9)
016.16 TB OF BLADDER-OTH TEST (ICD9)
016.20 TB OF URETER-UNSPEC (ICD9)
016.21 TB OF URETER-NO EXAM (ICD9)
016.22 TB OF URETER-EXAM UNKN (ICD9)
016.23 TB OF URETER-MICRO DX (ICD9)
016.24 TB OF URETER-CULT DX (ICD9)
016.25 TB OF URETER-HISTO DX (ICD9)
016.26 TB OF URETER-OTH TEST (ICD9)
016.30 TB URINARY NEC-UNSPEC (ICD9)
016.31 TB URINARY NEC-NO EXAM (ICD9)
016.32 TB URINARY NEC-EXAM UNKN (ICD9)
016.33 TB URINARY NEC-MICRO DX (ICD9)
016.34 TB URINARY NEC-CULT DX (ICD9)
016.35 TB URINARY NEC-HISTO DX (ICD9)
016.36 TB URINARY NEC-OTH TEST (ICD9)
016.40 TB EPIDIDYMIS-UNSPEC (ICD9)
016.41 TB EPIDIDYMIS-NO EXAM (ICD9)
016.42 TB EPIDIDYMIS-EXAM UNKN (ICD9)
016.43 TB EPIDIDYMIS-MICRO DX (ICD9)
016.44 TB EPIDIDYMIS-CULT DX (ICD9)
016.45 TB EPIDIDYMIS-HISTO DX (ICD9)
016.46 TB EPIDIDYMIS-OTH TEST (ICD9)
016.50 TB MALE GENIT NEC-UNSPEC (ICD9)
016.51 TB MALE GEN NEC-NO EXAM (ICD9)
016.52 TB MALE GEN NEC-EX UNKN (ICD9)
016.53 TB MALE GEN NEC-MICRO DX (ICD9)
016.54 TB MALE GEN NEC-CULT DX (ICD9)
016.55 TB MALE GEN NEC-HISTO DX (ICD9)
016.56 TB MALE GEN NEC-OTH TEST (ICD9)
016.60 TB OVARY & TUBE-UNSPEC (ICD9)
016.61 TB OVARY & TUBE-NO EXAM (ICD9)
016.62 TB OVARY/TUBE-EXAM UNKN (ICD9)
016.63 TB OVARY & TUBE-MICRO DX (ICD9)
016.64 TB OVARY & TUBE-CULT DX (ICD9)
016.65 TB OVARY & TUBE-HISTO DX (ICD9)
016.66 TB OVARY & TUBE-OTH TEST (ICD9)
016.70 TB FEMALE GEN NEC-UNSPEC (ICD9)
016.71 TB FEM GEN NEC-NO EXAM (ICD9)
016.72 TB FEM GEN NEC-EXAM UNKN (ICD9)
016.73 TB FEM GEN NEC-MICRO DX (ICD9)
016.74 TB FEM GEN NEC-CULT DX (ICD9)
016.75 TB FEM GEN NEC-HISTO DX (ICD9)
016.76 TB FEM GEN NEC-OTH TEST (ICD9)
016.90 GU TB NOS-UNSPEC (ICD9)
016.91 GU TB NOS-NO EXAM (ICD9)
016.92 GU TB NOS-EXAM UNKN (ICD9)
016.93 GU TB NOS-MICRO DX (ICD9)
016.94 GU TB NOS-CULT DX (ICD9)
016.95 GU TB NOS-HISTO DX (ICD9)
016.96 GU TB NOS-OTH TEST (ICD9)
017.00 TB SKIN/SUBCUTAN-UNSPEC (ICD9)
017.01 TB SKIN/SUBCUT-NO EXAM (ICD9)
017.02 TB SKIN/SUBCUT-EXAM UNKN (ICD9)
017.03 TB SKIN/SUBCUT-MICRO DX (ICD9)
017.04 TB SKIN/SUBCUT-CULT DX (ICD9)
017.05 TB SKIN/SUBCUT-HISTO DX (ICD9)

017.06 TB SKIN/SUBCUT-OTH TEST (ICD9)
017.10 ERYTHEMA NODOS TB-UNSPEC (ICD9)
017.11 ERYTHEM NODOS TB-NO EXAM (ICD9)
017.12 ERYTHEM NOD TB-EXAM UNKN (ICD9)
017.13 ERYTHEM NOD TB-MICRO DX (ICD9)
017.14 ERYTHEM NODOS TB-CULT DX (ICD9)
017.15 ERYTHEM NOD TB-HISTO DX (ICD9)
017.16 ERYTHEM NOD TB-OTH TEST (ICD9)
017.20 TB PERIPH LYMPH-UNSPEC (ICD9)
017.21 TB PERIPH LYMPH-NO EXAM (ICD9)
017.22 TB PERIPH LYMPH-EXAM UNK (ICD9)
017.23 TB PERIPH LYMPH-MICRO DX (ICD9)
017.24 TB PERIPH LYMPH-CULT DX (ICD9)
017.25 TB PERIPH LYMPH-HISTO DX (ICD9)
017.26 TB PERIPH LYMPH-OTH TEST (ICD9)
017.30 TB OF EYE-UNSPEC (ICD9)
017.31 TB OF EYE-NO EXAM (ICD9)
017.32 TB OF EYE-EXAM UNKN (ICD9)
017.33 TB OF EYE-MICRO DX (ICD9)
017.34 TB OF EYE-CULT DX (ICD9)
017.35 TB OF EYE-HISTO DX (ICD9)
017.36 TB OF EYE-OTH TEST (ICD9)
017.40 TB OF EAR-UNSPEC (ICD9)
017.41 TB OF EAR-NO EXAM (ICD9)
017.42 TB OF EAR-EXAM UNKN (ICD9)
017.43 TB OF EAR-MICRO DX (ICD9)
017.44 TB OF EAR-CULT DX (ICD9)
017.45 TB OF EAR-HISTO DX (ICD9)
017.46 TB OF EAR-OTH TEST (ICD9)
017.50 TB OF THYROID-UNSPEC (ICD9)
017.51 TB OF THYROID-NO EXAM (ICD9)
017.52 TB OF THYROID-EXAM UNKN (ICD9)
017.53 TB OF THYROID-MICRO DX (ICD9)
017.54 TB OF THYROID-CULT DX (ICD9)
017.55 TB OF THYROID-HISTO DX (ICD9)
017.56 TB OF THYROID-OTH TEST (ICD9)
017.60 TB OF ADRENAL-UNSPEC (ICD9)
017.61 TB OF ADRENAL-NO EXAM (ICD9)
017.62 TB OF ADRENAL-EXAM UNKN (ICD9)
017.63 TB OF ADRENAL-MICRO DX (ICD9)
017.64 TB OF ADRENAL-CULT DX (ICD9)
017.65 TB OF ADRENAL-HISTO DX (ICD9)
017.66 TB OF ADRENAL-OTH TEST (ICD9)
017.70 TB OF SPLEEN-UNSPEC (ICD9)
017.71 TB OF SPLEEN-NO EXAM (ICD9)
017.72 TB OF SPLEEN-EXAM UNKN (ICD9)
017.73 TB OF SPLEEN-MICRO DX (ICD9)
017.74 TB OF SPLEEN-CULT DX (ICD9)
017.75 TB OF SPLEEN-HISTO DX (ICD9)
017.76 TB OF SPLEEN-OTH TEST (ICD9)
017.80 TB ESOPHAGUS-UNSPEC (ICD9)
017.81 TB ESOPHAGUS-NO EXAM (ICD9)
017.82 TB ESOPHAGUS-EXAM UNKN (ICD9)
017.83 TB ESOPHAGUS-MICRO DX (ICD9)
017.84 TB ESOPHAGUS-CULT DX (ICD9)
017.85 TB ESOPHAGUS-HISTO DX (ICD9)
017.86 TB ESOPHAGUS-OTH TEST (ICD9)
017.90 TB OF ORGAN NEC-UNSPEC (ICD9)
017.91 TB OF ORGAN NEC-NO EXAM (ICD9)
017.92 TB ORGAN NEC-EXAM UNKN (ICD9)

017.93 TB OF ORGAN NEC-MICRO DX (ICD9)
 017.94 TB OF ORGAN NEC-CULT DX (ICD9)
 017.95 TB OF ORGAN NEC-HISTO DX (ICD9)
 017.96 TB OF ORGAN NEC-OTH TEST (ICD9)
 018.00 ACUTE MILIARY TB-UNSPEC (ICD9)
 018.01 ACUTE MILIARY TB-NO EXAM (ICD9)
 018.02 AC MILIARY TB-EXAM UNKN (ICD9)
 018.03 AC MILIARY TB-MICRO DX (ICD9)
 018.04 ACUTE MILIARY TB-CULT DX (ICD9)
 018.05 AC MILIARY TB-HISTO DX (ICD9)
 018.06 AC MILIARY TB-OTH TEST (ICD9)
 018.80 MILIARY TB NEC-UNSPEC (ICD9)
 018.81 MILIARY TB NEC-NO EXAM (ICD9)
 018.82 MILIARY TB NEC-EXAM UNKN (ICD9)
 018.83 MILIARY TB NEC-MICRO DX (ICD9)
 018.84 MILIARY TB NEC-CULT DX (ICD9)
 018.85 MILIARY TB NEC-HISTO DX (ICD9)
 018.86 MILIARY TB NEC-OTH TEST (ICD9)
 018.90 MILIARY TB NOS-UNSPEC (ICD9)
 018.91 MILIARY TB NOS-NO EXAM (ICD9)
 018.92 MILIARY TB NOS-EXAM UNKN (ICD9)
 018.93 MILIARY TB NOS-MICRO DX (ICD9)
 018.94 MILIARY TB NOS-CULT DX (ICD9)
 018.95 MILIARY TB NOS-HISTO DX (ICD9)
 018.96 MILIARY TB NOS-OTH TEST (ICD9)
 020.0 BUBONIC PLAGUE (ICD9)
 020.1 CELLULOCUTANEOUS PLAGUE (ICD9)
 020.2 SEPTICEMIC PLAGUE (ICD9)
 020.3 PRIMARY PNEUMONIC PLAGUE (ICD9)
 020.4 SECONDARY PNEUMON PLAGUE (ICD9)
 020.5 PNEUMONIC PLAGUE NOS (ICD9)
 020.8 OTHER TYPES OF PLAGUE (ICD9)
 020.9 PLAGUE NOS (ICD9)
 021.0 ULCEROGLANDUL TULAREMIA (ICD9)
 021.1 ENTERIC TULAREMIA (ICD9)
 021.2 PULMONARY TULAREMIA (ICD9)
 021.3 OCULOGLANDULAR TULAREMIA (ICD9)
 021.8 TULAREMIA NEC (ICD9)
 021.9 TULAREMIA NOS (ICD9)
 022.0 CUTANEOUS ANTHRAX (ICD9)
 022.1 PULMONARY ANTHRAX (ICD9)
 022.2 GASTROINTESTINAL ANTHRAX (ICD9)
 022.3 ANTHRAX SEPTICEMIA (ICD9)
 022.8 OTHER ANTHRAX MANIFEST (ICD9)
 022.9 ANTHRAX NOS (ICD9)
 023.0 BRUCELLA MELITENSIS (ICD9)
 023.1 BRUCELLA ABORTUS (ICD9)
 023.2 BRUCELLA SUIS (ICD9)
 023.3 BRUCELLA CANIS (ICD9)
 023.8 BRUCellosIS NEC (ICD9)
 023.9 BRUCellosIS NOS (ICD9)
 024 GLANDERS (ICD9)
 025 MELIOIDOSIS (ICD9)
 026.0 SPIRILLARY FEVER (ICD9)
 026.1 STREPTOBACILLARY FEVER (ICD9)
 026.9 RAT-BITE FEVER NOS (ICD9)
 027.0 LISTERIOSIS (ICD9)
 027.1 ERYSIPELOTHRIX INFECTION (ICD9)
 027.2 PASTEURELLOSIS (ICD9)
 027.8 ZOONOTIC BACT DIS NEC (ICD9)

027.9 ZOONOTIC BACT DIS NOS (ICD9)
 030.0 LEPROMATOUS LEPROSY (ICD9)
 030.1 TUBERCULOID LEPROSY (ICD9)
 030.2 INDETERMINATE LEPROSY (ICD9)
 030.3 BORDERLINE LEPROSY (ICD9)
 030.8 LEPROSY NEC (ICD9)
 030.9 LEPROSY NOS (ICD9)
 031.0 PULMONARY MYCOBACTERIA (ICD9)
 031.1 CUTANEOUS MYCOBACTERIA (ICD9)
 031.2 DX DUE TO DISSEM MYCOBACT (Begin 1997) (ICD9)
 031.8 MYCOBACTERIAL DIS NEC (ICD9)
 031.9 MYCOBACTERIAL DIS NOS (ICD9)
 032.0 FAUCIAL DIPHThERIA (ICD9)
 032.1 NASOPHARYNX DIPHThERIA (ICD9)
 032.2 ANT NASAL DIPHThERIA (ICD9)
 032.3 LARYNGEAL DIPHThERIA (ICD9)
 032.81 CONJUNCTIVAL DIPHThERIA (ICD9)
 032.83 DIPHThERITIC PERITONITIS (ICD9)
 032.84 DIPHThERITIC CYSTITIS (ICD9)
 032.85 CUTANEOUS DIPHThERIA (ICD9)
 032.89 DIPHThERIA NEC (ICD9)
 032.9 DIPHThERIA NOS (ICD9)
 033.0 BORDETELLA PERTUSSIS (ICD9)
 033.1 BORDETELLA PARAPERTUSSIS (ICD9)
 033.8 WHOOPING COUGH NEC (ICD9)
 033.9 WHOOPING COUGH NOS (ICD9)
 034.0 STREP SORE THROAT (ICD9)
 034.1 SCARLET FEVER (ICD9)
 035 ERYSIPELAS (ICD9)
 036.0 MENINGOCOCCAL MENINGITIS (ICD9)
 036.1 MENINGOCOCC ENCEPHALITIS (ICD9)
 036.2 MENINGOCOCCEMIA (ICD9)
 036.3 MENINGOCOCC ADRENAL SYND (ICD9)
 036.40 MENINGOCOCCAL CARDITIS UNSPECIFIED
 036.41 MENINGOCOCCAL PERICARDITIS
 036.42 MENINGOCOCCAL ENDOCARDITIS
 036.43 MENINGOCOCCAL MYOCARDITIS
 036.81 MENINGOCOCC OPTIC NEURIT (ICD9)
 036.82 MENINGOCOCC ARTHROPATHY (ICD9)
 036.89 MENINGOCOCCAL INFECT NEC (ICD9)
 036.9 MENINGOCOCCAL INFECT NOS (ICD9)
 037 TETANUS (ICD9)
 038.0 STREPTOCOCCAL SEPTICEMIA (ICD9)
 038.1 STAPHYLOCOCC SEPTICEMIA (End 1997) (ICD9)
 038.10 STAPH SEPTICEMIA- UNSPEC (Begin 1997) (ICD9)
 038.11 STAPH AUREUS SEPTICEMIA (Begin 1997) (ICD9)
 038.12 (no description found)
 038.19 OT STAPH SEPTICEMIA (Begin 1997) (ICD9)
 038.2 PNEUMOCOCCAL SEPTICEMIA (ICD9)
 038.3 ANAEROBIC SEPTICEMIA (ICD9)
 038.40 GRAM-NEG SEPTICEMIA NOS (ICD9)
 038.41 H. INFLUENAE SEPTICEMIA (ICD9)
 038.42 E COLI SEPTICEMIA (ICD9)
 038.43 PSEUDOMONAS SEPTICEMIA (ICD9)
 038.44 SERRATIA SEPTICEMIA (ICD9)
 038.49 GRAM-NEG SEPTICEMIA NEC (ICD9)
 038.8 SEPTICEMIA NEC (ICD9)
 038.9 SEPTICEMIA NOS (ICD9)
 039.0 CUTANEOUS ACTINOMYCOSIS (ICD9)
 039.1 PULMONARY ACTINOMYCOSIS (ICD9)

039.2 ABDOMINAL ACTINOMYCOSIS (ICD9)
 039.3 CERVICOFAC ACTINOMYCOSIS (ICD9)
 039.4 MADURA FOOT (ICD9)
 039.8 ACTINOMYCOSIS NEC (ICD9)
 039.9 ACTINOMYCOSIS NOS (ICD9)
 040.0 GAS GANGRENE (ICD9)
 040.1 RHINOSCLEROMA (ICD9)
 040.2 WHIPPLE-S DISEASE (ICD9)
 040.3 NECROBACILLOSIS (ICD9)
 040.41 INFANT BOTULISM (ICD9)
 040.42 WOUND BOTULISM (Begin 2007) (ICD9)
 040.81 TROPICAL PYOMYOSITIS (ICD9)
 040.82 TOXIC SHOCK SYNDROME (Begin 2002) (ICD9)
 040.89 BACTERIAL DISEASES NEC (ICD9)
 041.0 STREPTOCOCCUS INFECT NOS (Begin 1980 (ICD9)
 041.00 STREPTOCOCCUS UNSPEC (Begin 1992) (ICD9)
 041.01 GROUP A STREPTOCOCCUS (Begin 1992) (ICD9)
 041.02 GROUP B STREPTOCOCCUS (Begin 1992) (ICD9)
 041.03 GROUP C STREPTOCOCCUS (Begin 1992) (ICD9)
 041.04 GROUP D STREPTOCOCCUS (Begin 1992) (ICD9)
 041.05 GROUP G STREPTOCOCCUS (Begin 1992) (ICD9)
 041.09 OTHER STREPTOCOCCUS (Begin 1992) (ICD9)
 041.1 STAPH INFECTION NOS (Begin 1980 (ICD9)
 041.10 STAPH UNSPEC (Begin 1992) (ICD9)
 041.11 STAPH AUREUS (Begin 1992) (ICD9)
 041.12 (no description found)
 041.19 OTHER STAPH (Begin 1992) (ICD9)
 041.2 PNEUMOCOCCUS INFECT NOS (ICD9)
 041.3 KLEBSIELLA INFECT NOS (ICD9)
 041.4 E. COLI INFECT NOS (ICD9)
 041.5 H. INFLUENZAE INFECT NOS (ICD9)
 041.6 PROTEUS INFECTION NOS (ICD9)
 041.7 PSEUDOMONAS INFECT NOS (ICD9)
 041.8 BACTERIAL INFECTION NEC (Begin 1980 (ICD9)
 041.81 MYCOPLASMA (Begin 1992) (ICD9)
 041.82 BACILLUS FRAGILIS (Begin 1992) (ICD9)
 041.83 CLOSTRID PERFRINGENS (Begin 1992) (ICD9)
 041.84 OTHER ANAEROBES (Begin 1992) (ICD9)
 041.85 OTHER GRAM NEG ORGS (Begin 1992) (ICD9)
 041.86 HELICOBACTER PYLORI INFECTION (Begin 1995) (ICD9)
 041.89 OTHER SPEC BACTERIA (Begin 1992) (ICD9)
 041.9 BACTERIAL INFECTION NOS (ICD9)
 042 HIV DISEASE (Begin 1994) (ICD9)
 042.0 HIV W/SPECIF INFECTIONS (Begin 1986 (ICD9)
 042.1 HIV CAUS OTH SPEC INFECT (Begin 1986 (ICD9)
 042.2 HIV W/SPEC MALIG NEOPLSM (Begin 1986 (ICD9)
 042.9 AIDS- UNSPECIFIED (Begin 1986 (ICD9)
 043.0 HIV CAUS LYMPHADENOPATHY (Begin 1986 (ICD9)
 043.1 HIV CAUS SP CNS DISEASE (Begin 1986 (ICD9)
 043.2 HIV CAUS OT DISOR IMMUNE (Begin 1986 (ICD9)
 043.3 HIV CAUS OTH SPECIF COND (Begin 1986 (ICD9)
 043.9 ARC- UNSPECIFIED (Begin 1986 (ICD9)
 044.0 HIV CAUS ACUTE INFECTION (Begin 1986 (ICD9)
 044.9 HIV- UNSPECIFIED (Begin 1986 (ICD9)
 045.00 AC BULBAR POLIO-TYPE NOS (ICD9)
 045.01 AC BULBAR POLIO-TYPE 1 (ICD9)
 045.02 AC BULBAR POLIO-TYPE 2 (ICD9)
 045.03 AC BULBAR POLIO-TYPE 3 (ICD9)
 045.10 PARAL POLIO NEC-TYPE NOS (ICD9)
 045.11 PARAL POLIO NEC-TYPE 1 (ICD9)

045.12 PARAL POLIO NEC-TYPE 2 (ICD9)
 045.13 PARAL POLIO NEC-TYPE 3 (ICD9)
 045.20 NONPARALY POLIO-TYPE NOS (ICD9)
 045.21 NONPARALYT POLIO-TYPE 1 (ICD9)
 045.22 NONPARALYT POLIO-TYPE 2 (ICD9)
 045.23 NONPARALYT POLIO-TYPE 3 (ICD9)
 045.90 AC POLIO NOS-TYPE NOS (ICD9)
 045.91 AC POLIO NOS-TYPE 1 (ICD9)
 045.92 AC POLIO NOS-TYPE 2 (ICD9)
 045.93 AC POLIO NOS-TYPE 3 (ICD9)
 046.0 KURU (ICD9)
 046.1 JAKOB-CREUTZFELDT DIS (ICD9)
 046.11 (no description found)
 046.19 (no description found)
 046.3 PROG MULTIFOC LEUKOENCEP (ICD9)
 046.71 (no description found)
 046.72 (no description found)
 046.79 (no description found)
 046.8 CNS SLOW VIRUS INFEC NEC (ICD9)
 046.9 CNS SLOW VIRUS INFEC NOS (ICD9)
 047.0 COXSACKIE VIRUS MENING (ICD9)
 047.1 ECHO VIRUS MENINGITIS (ICD9)
 047.8 VIRAL MENINGITIS NEC (ICD9)
 047.9 VIRAL MENINGITIS NOS (ICD9)
 048 OTH ENTEROVIRAL CNS DIS (ICD9)
 049.0 LYMPHOCYTIC CHORIOMENING (ICD9)
 049.1 ADENOVIRAL MENINGITIS (ICD9)
 049.8 VIRAL ENCEPHALITIS NEC (ICD9)
 049.9 VIRAL ENCEPHALITIS NOS (ICD9)
 050.0 VARIOLA MAJOR (ICD9)
 050.1 ALASTRIM (ICD9)
 050.2 MODIFIED SMALLPOX (ICD9)
 050.9 SMALLPOX NOS (ICD9)
 051.0 COWPOX (ICD9)
 051.01 (no description found)
 051.02 (no description found)
 051.1 PSEUDOCOWPOX (ICD9)
 051.2 CONTAGIOUS PUSTULAR DERM (ICD9)
 051.9 PARAVACCINIA NOS (ICD9)
 052.0 POSTVARICELLA ENCEPHALIT (ICD9)
 052.1 VARICELLA PNEUMONITIS (ICD9)
 052.2 POSTVARICELLA MYELITIS (Begin 2006) (ICD9)
 052.7 VARICELLA COMPLICAT NEC (ICD9)
 052.8 VARICELLA COMPLICAT NOS (ICD9)
 052.9 VARICELLA UNCOMPLICATED (ICD9)
 053.0 HERPES ZOSTER MENINGITIS (ICD9)
 053.10 H ZOSTER NERV SYST NOS (ICD9)
 053.11 GENICULATE HERPES ZOSTER (ICD9)
 053.12 POSTHERPES TRIGEM NEURAL (ICD9)
 053.13 POSTHERPES POLYNEUROPATH (ICD9)
 053.14 HERPES ZOSTER MYELITIS (Begin 2006) (ICD9)
 053.19 H ZOSTER NERV SYST NEC (ICD9)
 053.20 HERPES ZOSTER OF EYELID (ICD9)
 053.21 H ZOSTER KERATOCONJUNCT (ICD9)
 053.22 H ZOSTER IRIDOCYCLITIS (ICD9)
 053.29 HERPES ZOSTER OF EYE NEC (ICD9)
 053.71 H ZOSTER OTITIS EXTERNA (ICD9)
 053.79 H ZOSTER COMPLICATED NEC (ICD9)
 053.8 H ZOSTER COMPLICATED NOS (ICD9)
 053.9 HERPES ZOSTER NOS (ICD9)

054.0 ECZEMA HERPETICUM (ICD9)
 054.10 GENITAL HERPES NOS (ICD9)
 054.11 HERPETIC VULVOVAGINITIS (ICD9)
 054.12 HERPETIC ULCER OF VULVA (ICD9)
 054.13 HERPETIC INFECT OF PENIS (ICD9)
 054.19 GENITAL HERPES NEC (ICD9)
 054.2 HERPETIC GINGIVOSTOMAT (ICD9)
 054.3 HERPETIC ENCEPHALITIS (ICD9)
 054.40 HERPES SIMPLEX EYE NOS (ICD9)
 054.41 HERPES SIMPLEX OF EYELID (ICD9)
 054.42 DENDRITIC KERATITIS (ICD9)
 054.43 H SIMPLEX KERATITIS (ICD9)
 054.44 H SIMPLEX IRIDOCYCLITIS (ICD9)
 054.49 HERPES SIMPLEX EYE NEC (ICD9)
 054.5 HERPETIC SEPTICEMIA (ICD9)
 054.6 HERPETIC WHITLOW (ICD9)
 054.71 VISCERAL HERPES SIMPLEX (ICD9)
 054.72 H SIMPLEX MENINGITIS (ICD9)
 054.73 H SIMPLEX OTITIS EXTERNA (ICD9)
 054.74 HERPES SIMPLEX MYELITIS (Begin 2006) (ICD9)
 054.79 H SIMPLEX COMPLICAT NEC (ICD9)
 054.8 H SIMPLEX COMPLICAT NOS (ICD9)
 054.9 HERPES SIMPLEX NOS (ICD9)
 055.0 POSTMEASLES ENCEPHALITIS (ICD9)
 055.1 POSTMEASLES PNEUMONIA (ICD9)
 055.2 POSTMEASLES OTITIS MEDIA (ICD9)
 055.71 MEASLES KERATITIS (ICD9)
 055.79 MEASLES COMPLICATION NEC (ICD9)
 055.8 MEASLES COMPLICATION NOS (ICD9)
 055.9 MEASLES UNCOMPLICATED (ICD9)
 056.00 RUBELLA NERVE COMPL NOS (ICD9)
 056.01 RUBELLA ENCEPHALITIS (ICD9)
 056.09 RUBELLA NERVE COMPL NEC (ICD9)
 056.71 ARTHRITIS DUE TO RUBELLA (ICD9)
 056.79 RUBELLA COMPLICATION NEC (ICD9)
 056.8 RUBELLA COMPLICATION NOS (ICD9)
 056.9 RUBELLA UNCOMPLICATED (ICD9)
 057.0 ERYTHEMA INFECTIOSUM (ICD9)
 057.8 VIRAL EXANTHEMATA NEC (ICD9)
 057.9 VIRAL EXANTHEMATA NOS (ICD9)
 058.10 ROSEOLA INFANTUM NOS (Begin 2007) (ICD9)
 058.11 ROSEOLA INFANT D/T HHV-6 (Begin 2007) (ICD9)
 058.12 ROSEOLA INFANT D/T HHV-7 (Begin 2007) (ICD9)
 058.21 HUMAN HERPESVIR 6 ENCEPH (Begin 2007) (ICD9)
 058.29 HUMAN HERPESVR ENCPH NEC (Begin 2007) (ICD9)
 058.81 HUMAN HERPESVIRUS 6 INFC (Begin 2007) (ICD9)
 058.82 HUMAN HERPESVIRUS 7 INFC (Begin 2007) (ICD9)
 058.89 HUMAN HERPESVIRS INF NEC (Begin 2007) (ICD9)
 059.00 ORTHOPOXVIRUS INFECTION, UNSPECIFIED
 059.01 MONKEYPOX
 059.09 OTHER ORTHOPOXVIRUS INFECTIONS
 059.10 PARAPOXVIRUS INFECTION, UNSPECIFIED
 059.11 BOVINE STOMATITIS
 059.12 SEALPOX
 059.19 OTHER PARAPOXVIRUS INFECTIONS
 059.20 YATAPOXVIRUS INFECTION, UNSPECIFIED
 059.21 TANAPOX
 059.22 YABA MONKEY TUMOR VIRUS
 059.8 OTHER POXVIRUS INFECTIONS
 059.9 POXVIRUS INFECTIONS, UNSPECIFIED

060.0 SYLVATIC YELLOW FEVER (ICD9)
 060.1 URBAN YELLOW FEVER (ICD9)
 060.9 YELLOW FEVER NOS (ICD9)
 061 DENGUE (ICD9)
 062.0 JAPANESE ENCEPHALITIS (ICD9)
 062.1 WEST EQUINE ENCEPHALITIS (ICD9)
 062.2 EAST EQUINE ENCEPHALITIS (ICD9)
 062.3 ST LOUIS ENCEPHALITIS (ICD9)
 062.4 AUSTRALIAN ENCEPHALITIS (ICD9)
 062.5 CALIFORNIA ENCEPHALITIS (ICD9)
 062.8 MOSQUIT-BORNE ENCEPH NEC (ICD9)
 062.9 MOSQUIT-BORNE ENCEPH NOS (ICD9)
 063.0 RUSSIA SPR-SUMMER ENCEPH (ICD9)
 063.1 LOUPING ILL (ICD9)
 063.2 CENT EUROPE ENCEPHALITIS (ICD9)
 063.8 TICK-BORNE ENCEPH NEC (ICD9)
 063.9 TICK-BORNE ENCEPH NOS (ICD9)
 064 VIR ENCEPH ARTHROPOD NEC (ICD9)
 065.0 CRIMEAN HEMORRHAGIC FEV (ICD9)
 065.1 OMSK HEMORRHAGIC FEVER (ICD9)
 065.2 KYASANUR FOREST DISEASE (ICD9)
 065.3 TICK-BORNE HEM FEVER NEC (ICD9)
 065.4 MOSQUITO-BORNE HEM FEVER (ICD9)
 065.8 ARTHROPOD HEM FEVER NEC (ICD9)
 065.9 ARTHROPOD HEM FEVER NOS (ICD9)
 066.0 PHLEBOTOMUS FEVER (ICD9)
 066.1 TICK-BORNE FEVER (ICD9)
 066.2 VENEZUELAN EQUINE FEVER (ICD9)
 066.3 MOSQUITO-BORNE FEVER NEC (ICD9)
 066.4 WEST NILE FEVER (Begin 2002 (ICD9)
 066.40 WEST NILE FEVER NOS (Begin 2004) (ICD9)
 066.41 WEST NILE FEVER W/ENCEPH (Begin 2004) (ICD9)
 066.42 WEST NILE NEURO MAN NEC (Begin 2004) (ICD9)
 066.49 WEST NILE W COMPLIC NEC (Begin 2004) (ICD9)
 066.8 ARTHROPOD VIRUS NEC (ICD9)
 066.9 ARTHROPOD VIRUS NOS (ICD9)
 070.0 HEPATITIS A WITH COMA (ICD9)
 070.1 HEPATITIS A W/O COMA (ICD9)
 070.2 HEPATITIS B WITH COMA (Begin 1980 (ICD9)
 070.20 VRL HEPAT B CM W/O DELTA (Begin 1991) (ICD9)
 070.21 VRL HEPAT B CM W DELTA (Begin 1991) (ICD9)
 070.22 CHR HEPAT COMA W/O DELTA (Begin 1994) (ICD9)
 070.23 CHR HEPAT COMA W/ DELTA (Begin 1994) (ICD9)
 070.3 HEPATITIS B W/O COMA (Begin 1980 (ICD9)
 070.30 VRL HPT B W/O CM W/O DLT (Begin 1991) (ICD9)
 070.31 VRL HPT B W/O CM W DELTA (Begin 1991) (ICD9)
 070.32 CHR HEPAT W/O COMA W/O DELTA (Begin 1994) (ICD9)
 070.33 CHR HEPAT W/O COMA W/ DELTA (Begin 1994) (ICD9)
 070.4 VIRAL HEPAT NEC W COMA (Begin 1980 (ICD9)
 070.41 SPF VRL HPT CM HPT C (Begin 1991) (ICD9)
 070.42 SPF VRL HPT CM DLT W/O B (Begin 1991) (ICD9)
 070.43 SPF VRL HPT CM HPT E (Begin 1991) (ICD9)
 070.44 CHR HEPAT C W/ COMA (Begin 1994) (ICD9)
 070.49 SPF VRL HPT CM (Begin 1991) (ICD9)
 070.5 VIRAL HEPAT NEC W/O COMA (Begin 1980 (ICD9)
 070.51 VRL HPT W/O CM HEPAT C (Begin 1991) (ICD9)
 070.52 VRL HPT W/O CM DLT W/O B (Begin 1991) (ICD9)
 070.53 VRL HPT W/O CM HEPAT E (Begin 1991) (ICD9)
 070.54 CHR HEPAT C W/O COMA (Begin 1994) (ICD9)
 070.59 VRL HPT W/O CM (Begin 1991) (ICD9)

070.6 VIRAL HEPAT NOS W COMA (ICD9)
 070.70 HPT C W/O HEPAT COMA NOS (Begin 2004) (ICD9)
 070.71 HPT C W HEPATIC COMA NOS (Begin 2004) (ICD9)
 070.9 VIRAL HEPAT NOS W/O COMA (ICD9)
 071 RABIES (ICD9)
 072.0 MUMPS ORCHITIS (ICD9)
 072.1 MUMPS MENINGITIS (ICD9)
 072.2 MUMPS ENCEPHALITIS (ICD9)
 072.3 MUMPS PANCREATITIS (ICD9)
 072.71 MUMPS HEPATITIS (ICD9)
 072.72 MUMPS POLYNEUROPATHY (ICD9)
 072.79 MUMPS COMPLICATION NEC (ICD9)
 072.8 MUMPS COMPLICATION NOS (ICD9)
 072.9 MUMPS UNCOMPLICATED (ICD9)
 073.0 ORNITHOSIS PNEUMONIA (ICD9)
 073.7 ORNITHOSIS COMPLICAT NEC (ICD9)
 073.8 ORNITHOSIS COMPLICAT NOS (ICD9)
 073.9 ORNITHOSIS NOS (ICD9)
 074.0 HERPANGINA (ICD9)
 074.1 EPIDEMIC PLEURODYNIA (ICD9)
 074.20 COXSACKIE CARDITIS UNSPECIFIED
 074.21 COXSACKIE PERICARDITIS
 074.22 COXSACKIE ENDOCARDITIS
 074.23 COXSACKIE MYOCARDITIS
 074.3 HAND- FOOT & MOUTH DIS (ICD9)
 074.8 COXSACKIE VIRUS NEC (ICD9)
 075 INFECTIOUS MONONUCLEOSIS (ICD9)
 076.0 TRACHOMA- INITIAL STAGE (ICD9)
 076.1 TRACHOMA- ACTIVE STAGE (ICD9)
 076.9 TRACHOMA NOS (ICD9)
 077.0 INCLUSION CONJUNCTIVITIS (ICD9)
 077.1 EPIDEM KERATOCONJUNCTIV (ICD9)
 077.2 PHARYNGOCONJUNCT FEVER (ICD9)
 077.3 ADENOVIRAL CONJUNCT NEC (ICD9)
 077.4 EPIDEM HEM CONJUNCTIVIT (ICD9)
 077.8 VIRAL CONJUNCTIVITIS NEC (ICD9)
 077.9 VIRAL AND CHLAMYDIAL CONJUNCTIVITIS NOS (End 1993) (ICD9)
 077.98 DIS OF CONJUNCT DUE TO CHLAMYDIAE (Begin 1993) (ICD9)
 077.99 DIS OF CONJUNCT DUE TO VIRUSES (Begin 1993) (ICD9)
 078.0 MOLLUSCUM CONTAGIOSUM (ICD9)
 078.1 VIRAL WARTS (End 1993) (ICD9)
 078.10 VIRAL WARTS UNSPEC (Begin 1993) (ICD9)
 078.11 CONDYLOMA ACCUMINATUM (Begin 1993) (ICD9)
 078.12 (no description found)
 078.19 OTHER SPEC VIRAL WARTS (Begin 1993) (ICD9)
 078.2 SWEATING FEVER (ICD9)
 078.3 CAT-SCRATCH DISEASE (ICD9)
 078.4 FOOT & MOUTH DISEASE (ICD9)
 078.5 CYTOMEGAL INCLUSION DIS (ICD9)
 078.6 HEM NEPHROSONEPHRITIS (ICD9)
 078.7 ARENAVIRAL HEM FEVER (ICD9)
 078.81 EPIDEMIC VERTIGO (ICD9)
 078.82 EPIDEMIC VOMITING SYND (ICD9)
 078.88 OTH SPEC DISEASE DUE TO CHLAMYDIAE (Begin 1993) (ICD9)
 078.89 VIRAL DISEASE NEC (ICD9)
 079.0 ADENOVIRUS INFECT NOS (ICD9)
 079.1 ECHO VIRUS INFECT NOS (ICD9)
 079.2 COXSACKIE VIRUS INF NOS (ICD9)
 079.3 RHINOVIRUS INFECT NOS (ICD9)
 079.4 HUMAN PAPILLOMA VIRUS (Begin 1993) (ICD9)

079.50 UNSPEC RETROVIRUS (Begin 1993) (ICD9)
 079.51 HTLV TYPE I (Begin 1993) (ICD9)
 079.52 HTLV TYPE II (Begin 1993) (ICD9)
 079.53 HIV TYPE 2 (Begin 1993) (ICD9)
 079.59 OTH SPEC RETROVIRUS (Begin 1993) (ICD9)
 079.6 RESPIR SYNCITIAL VIRUS (Begin 1996) (ICD9)
 079.8 VIRAL AND CHLAMYDIAL INFECTION NEC (End 1993) (ICD9)
 079.81 HANTAVIRUS INFECTION (Begin 1995) (ICD9)
 079.82 SARS-ASSOCIATED CORONAVIRUS (Begin 2003) (ICD9)
 079.83 PARVOVIRUS B19 (Begin 2007) (ICD9)
 079.88 OTH SPEC CHLAMYDIAL INFECTION (Begin 1993) (ICD9)
 079.89 OTH SPEC VIRAL INFECTION (Begin 1993) (ICD9)
 079.9 VIRAL AND CHLAMYDIAL INFECTION NOS (End 1993) (ICD9)
 079.98 CHLAMYDIAL INFECTION NOS (Begin 1993) (ICD9)
 079.99 VIRAL INFECTION NOS (Begin 1993) (ICD9)
 080 LOUSE-BORNE TYPHUS (ICD9)
 081.0 MURINE TYPHUS (ICD9)
 081.1 BRILL-S DISEASE (ICD9)
 081.2 SCRUB TYPHUS (ICD9)
 081.9 TYPHUS NOS (ICD9)
 082.0 SPOTTED FEVERS (ICD9)
 082.1 BOUTONNEUSE FEVER (ICD9)
 082.2 NORTH ASIAN TICK FEVER (ICD9)
 082.3 QUEENSLAND TICK TYPHUS (ICD9)
 082.40 EHRlichiosis- UNSPECIFIED (Begin 2000) (ICD9)
 082.41 EHRlichiosis CHAFEENSIS (Begin 2000) (ICD9)
 082.49 OTHER EHRlichiosis (Begin 2000) (ICD9)
 082.8 TICK-BORNE RICKETTS NEC (ICD9)
 082.9 TICK-BORNE RICKETTS NOS (ICD9)
 083.0 Q FEVER (ICD9)
 083.1 TRENCH FEVER (ICD9)
 083.2 RICKETTSIALPOX (ICD9)
 083.8 RICKETTSIOSES NEC (ICD9)
 083.9 RICKETTSIOSIS NOS (ICD9)
 084.0 FALCIPARUM MALARIA (ICD9)
 084.1 VIVAX MALARIA (ICD9)
 084.2 QUARTAN MALARIA (ICD9)
 084.3 OVALE MALARIA (ICD9)
 084.4 MALARIA NEC (ICD9)
 084.5 MIXED MALARIA (ICD9)
 084.6 MALARIA NOS (ICD9)
 084.7 INDUCED MALARIA (ICD9)
 084.8 BLACKWATER FEVER (ICD9)
 084.9 MALARIA COMPLICATED NEC (ICD9)
 085.0 VISCERAL LEISHMANIASIS (ICD9)
 085.1 CUTAN LEISHMANIAS URBAN (ICD9)
 085.2 CUTAN LEISHMANIAS ASIAN (ICD9)
 085.3 CUTAN LEISHMANIAS ETHIOP (ICD9)
 085.4 CUTAN LEISHMANIAS AMER (ICD9)
 085.5 MUCOCUTAN LEISHMANIASIS (ICD9)
 085.9 LEISHMANIASIS NOS (ICD9)
 086.0 CHAGAS DISEASE OF HEART (ICD9)
 086.1 CHAGAS DIS OF OTH ORGAN (ICD9)
 086.2 CHAGAS DISEASE NOS (ICD9)
 086.3 GAMBIAN TRYPANOSOMIASIS (ICD9)
 086.4 RHODESIAN TRYPANOSOMIASIS (ICD9)
 086.5 AFRICAN TRYPANOSOMA NOS (ICD9)
 086.9 TRYPANOSOMIASIS NOS (ICD9)
 087.0 LOUSE-BORNE RELAPS FEVER (ICD9)
 087.1 TICK-BORNE RELAPS FEVER (ICD9)

087.9 RELAPSING FEVER NOS (ICD9)
 088.0 BARTONELLOSIS (ICD9)
 088.8 ARTHROPOD-BORNE DIS NEC (Begin 1980 (ICD9)
 088.81 LYME DISEASE (Begin 1989) (ICD9)
 088.82 BABESIOSIS (Begin 1993) (ICD9)
 088.89 OTH ARTHROPOD-BORNE DIS (Begin 1989) (ICD9)
 088.9 ARTHROPOD-BORNE DIS NOS (ICD9)
 090.0 EARLY CONG SYPH SYMPTOM (ICD9)
 090.1 EARLY CONGEN SYPH LATENT (ICD9)
 090.2 EARLY CONGEN SYPH NOS (ICD9)
 090.3 SYPHILITIC KERATITIS (ICD9)
 090.40 JUVENILE NEUROSYPH NOS (ICD9)
 090.41 CONGEN SYPH ENCEPHALITIS (ICD9)
 090.42 CONGEN SYPH MENINGITIS (ICD9)
 090.49 JUVENILE NEUROSYPH NEC (ICD9)
 090.5 LATE CONGEN SYPH SYMPTOM (ICD9)
 090.6 LATE CONGEN SYPH LATENT (ICD9)
 090.7 LATE CONGEN SYPH NOS (ICD9)
 090.9 CONGENITAL SYPHILIS NOS (ICD9)
 091.0 PRIMARY GENITAL SYPHILIS (ICD9)
 091.1 PRIMARY ANAL SYPHILIS (ICD9)
 091.2 PRIMARY SYPHILIS NEC (ICD9)
 091.3 SECONDARY SYPH SKIN (ICD9)
 091.4 SYPHILITIC ADENOPATHY (ICD9)
 091.50 SYPHILITIC UVEITIS NOS (ICD9)
 091.51 SYPHILIT CHORIORETINITIS (ICD9)
 091.52 SYPHILITIC IRIDOCYCLITIS (ICD9)
 091.61 SYPHILITIC PERIOSTITIS (ICD9)
 091.62 SYPHILITIC HEPATITIS (ICD9)
 091.69 SECOND SYPH VISCERA NEC (ICD9)
 091.7 SECOND SYPHILIS RELAPSE (ICD9)
 091.81 ACUTE SYPHIL MENINGITIS (ICD9)
 091.82 SYPHILITIC ALOPECIA (ICD9)
 091.89 SECONDARY SYPHILIS NEC (ICD9)
 091.9 SECONDARY SYPHILIS NOS (ICD9)
 092.0 EARLY SYPH LATENT RELAPS (ICD9)
 092.9 EARLY SYPHIL LATENT NOS (ICD9)
 093.0 AORTIC ANEURYSM- SYPHIL (ICD9)
 093.1 SYPHILITIC AORTITIS (ICD9)
 093.20 SYPHIL ENDOCARDITIS NOS (ICD9)
 093.21 SYPHILITIC MITRAL VALVE (ICD9)
 093.22 SYPHILITIC AORTIC VALVE (ICD9)
 093.23 SYPHIL TRICUSPID VALVE (ICD9)
 093.24 SYPHIL PULMONARY VALVE (ICD9)
 093.81 SYPHILITIC PERICARDITIS (ICD9)
 093.82 SYPHILITIC MYOCARDITIS (ICD9)
 093.89 CARDIOVASCULAR SYPH NEC (ICD9)
 093.9 CARDIOVASCULAR SYPH NOS (ICD9)
 094.0 TABES DORSALIS (ICD9)
 094.1 GENERAL PARESIS (ICD9)
 094.2 SYPHILITIC MENINGITIS (ICD9)
 094.3 ASYMPTOMAT NEUROSYPHILIS (ICD9)
 094.81 SYPHILITIC ENCEPHALITIS (ICD9)
 094.82 SYPHILITIC PARKINSONISM (ICD9)
 094.83 SYPH DISSEM RETINITIS (ICD9)
 094.84 SYPHILITIC OPTIC ATROPHY (ICD9)
 094.85 SYPH RETROBULB NEURITIS (ICD9)
 094.86 SYPHIL ACOUSTIC NEURITIS (ICD9)
 094.87 SYPH RUPT CEREB ANEURYSM (ICD9)
 094.89 NEUROSYPHILIS NEC (ICD9)

094.9 NEUROSYPHILIS NOS (ICD9)
 095.0 SYPHILITIC EPISCLERITIS (ICD9)
 095.1 SYPHILIS OF LUNG (ICD9)
 095.2 SYPHILITIC PERITONITIS (ICD9)
 095.3 SYPHILIS OF LIVER (ICD9)
 095.4 SYPHILIS OF KIDNEY (ICD9)
 095.5 SYPHILIS OF BONE (ICD9)
 095.6 SYPHILIS OF MUSCLE (ICD9)
 095.7 SYPHILIS OF TENDON/BURSA (ICD9)
 095.8 LATE SYMPT SYPHILIS NEC (ICD9)
 095.9 LATE SYMPT SYPHILIS NOS (ICD9)
 096 LATE SYPHILIS LATENT (ICD9)
 097.0 LATE SYPHILIS NOS (ICD9)
 097.1 LATENT SYPHILIS NOS (ICD9)
 097.9 SYPHILIS NOS (ICD9)
 098.0 ACUTE GC INFECT LOWER GU (ICD9)
 098.10 GC (ACUTE) UPPER GU NOS (ICD9)
 098.11 GC CYSTITIS (ACUTE) (ICD9)
 098.12 GC PROSTATITIS (ACUTE) (ICD9)
 098.13 GC ORCHITIS (ACUTE) (ICD9)
 098.14 GC SEM VESICULIT (ACUTE) (ICD9)
 098.15 GC CERVICITIS (ACUTE) (ICD9)
 098.16 GC ENDOMETRITIS (ACUTE) (ICD9)
 098.17 ACUTE GC SALPINGITIS (ICD9)
 098.19 GC (ACUTE) UPPER GU NEC (ICD9)
 098.2 CHR GC INFECT LOWER GU (ICD9)
 098.30 CHR GC UPPER GU NOS (ICD9)
 098.31 GC CYSTITIS- CHRONIC (ICD9)
 098.32 GC PROSTATITIS- CHRONIC (ICD9)
 098.33 GC ORCHITIS- CHRONIC (ICD9)
 098.34 GC SEM VESICULITIS- CHR (ICD9)
 098.35 GC CERVICITIS- CHRONIC (ICD9)
 098.36 GC ENDOMETRITIS- CHRONIC (ICD9)
 098.37 GC SALPINGITIS (CHRONIC) (ICD9)
 098.39 CHR GC UPPER GU NEC (ICD9)
 098.40 GONOCOCCAL CONJUNCTIVIT (ICD9)
 098.41 GONOCOCCAL IRIDOCYCLITIS (ICD9)
 098.42 GONOCOCCAL ENDOPHTHALMIA (ICD9)
 098.43 GONOCOCCAL KERATITIS (ICD9)
 098.49 GONOCOCCAL EYE NEC (ICD9)
 098.50 GONOCOCCAL ARTHRITIS (ICD9)
 098.51 GONOCOCCAL SYNOVITIS (ICD9)
 098.52 GONOCOCCAL BURSITIS (ICD9)
 098.53 GONOCOCCAL SPONDYLITIS (ICD9)
 098.59 GC INFECT JOINT NEC (ICD9)
 098.6 GONOCOCCAL INFEC PHARYNX (ICD9)
 098.7 GC INFECT ANUS & RECTUM (ICD9)
 098.81 GONOCOCCAL KERATOSIS (ICD9)
 098.82 GONOCOCCAL MENINGITIS (ICD9)
 098.83 GONOCOCCAL PERICARDITIS (ICD9)
 098.84 GONOCOCCAL ENDOCARDITIS (ICD9)
 098.85 GONOCOCCAL HEART DIS NEC (ICD9)
 098.86 GONOCOCCAL PERITONITIS (ICD9)
 098.89 GONOCOCCAL INF SITE NEC (ICD9)
 099.0 CHANCROID (ICD9)
 099.1 LYMPHOGRANULOMA VENEREUM (ICD9)
 099.2 GRANULOMA INGUINALE (ICD9)
 099.4 NONGONOCOCC URETHRIT NEC (Begin 1980 (ICD9)
 099.40 UNSPEC URETHRITIS (Begin 1992) (ICD9)
 099.41 CHLAMYDIA URETHRITIS (Begin 1992) (ICD9)

099.49 NONGONOCOCC URETHRIT NEC (Begin 1992) (ICD9)
 099.50 CHLAMYDIA-UNSPEC SITE (Begin 1992) (ICD9)
 099.51 CHLAMYDIA-PHARYNX (Begin 1992) (ICD9)
 099.52 CHLAMYDIA-ANUS RECTUM (Begin 1992) (ICD9)
 099.53 CHLAMYDIA-LOWER GU (Begin 1992) (ICD9)
 099.54 CHLAMYDIA-OTHER GU (Begin 1992) (ICD9)
 099.55 CHLAMYDIA-UNSPEC GU (Begin 1992) (ICD9)
 099.56 CHLAMYDIA-PERITONEUM (Begin 1992) (ICD9)
 099.59 CHLAMYDIA-NSC (Begin 1992) (ICD9)
 099.8 VENEREAL DISEASE NEC (ICD9)
 099.9 VENEREAL DISEASE NOS (ICD9)
 100.0 LEPTOSPIROS ICTEROHEM (ICD9)
 100.81 LEPTOSPIRAL MENINGITIS (ICD9)
 100.89 LEPTOSPIRAL INFECT NEC (ICD9)
 100.9 LEPTOSPIROSIS NOS (ICD9)
 101 VINCENT-S ANGINA (ICD9)
 102.0 INITIAL LESIONS YAWS (ICD9)
 102.1 MULTIPLE PAPILOMATA (ICD9)
 102.2 EARLY SKIN YAWS NEC (ICD9)
 102.3 HYPERKERATOSIS OF YAWS (ICD9)
 102.4 GUMMATA AND ULCERS- YAWS (ICD9)
 102.5 GANGOSA (ICD9)
 102.6 YAWS OF BONE & JOINT (ICD9)
 102.7 YAWS MANIFESTATIONS NEC (ICD9)
 102.8 LATENT YAWS (ICD9)
 102.9 YAWS NOS (ICD9)
 103.0 PINTA PRIMARY LESIONS (ICD9)
 103.1 PINTA INTERMED LESIONS (ICD9)
 103.2 LATE LESIONS OF PINTA
 103.3 PINTA MIXED LESIONS (ICD9)
 103.9 PINTA NOS (ICD9)
 104.0 NONVENEREAL ENDEMIC SYPH (ICD9)
 104.8 SPIROCHETAL INFECT NEC (ICD9)
 104.9 SPIROCHETAL INFECT NOS (ICD9)
 110.0 DERMATOPHYT SCALP/BEARD (ICD9)
 110.1 DERMATOPHYTOSIS OF NAIL (ICD9)
 110.2 DERMATOPHYTOSIS OF HAND (ICD9)
 110.3 DERMATOPHYTOSIS OF GROIN (ICD9)
 110.4 DERMATOPHYTOSIS OF FOOT (ICD9)
 110.5 DERMATOPHYTOSIS OF BODY (ICD9)
 110.6 DEEP DERMATOPHYTOSIS (ICD9)
 110.8 DERMATOPHYTOSIS SITE NEC (ICD9)
 110.9 DERMATOPHYTOSIS SITE NOS (ICD9)
 111.0 PITYRIASIS VERSICOLOR (ICD9)
 111.1 TINEA NIGRA (ICD9)
 111.2 TINEA BLANCA (ICD9)
 111.3 BLACK PIEDRA (ICD9)
 111.8 DERMATOMYCOSES NEC (ICD9)
 111.9 DERMATOMYCOSIS NOS (ICD9)
 112.0 THRUSH (ICD9)
 112.1 CANDIDAL VULVOVAGINITIS (ICD9)
 112.2 CANDIDIAS UROGENITAL NEC (ICD9)
 112.3 CUTANEOUS CANDIDIASIS (ICD9)
 112.4 CANDIDIASIS OF LUNG (ICD9)
 112.5 DISSEMINATED CANDIDIASIS (ICD9)
 112.81 CANDIDAL ENDOCARDITIS
 112.82 CANDIDAL OTITIS EXTERNA (ICD9)
 112.83 CANDIDAL MENINGITIS (ICD9)
 112.84 CANDIDAL ESOPHAGITIS (Begin 1992) (ICD9)
 112.85 CANDIDAL ENTERITIS (Begin 1992) (ICD9)

112.89 CANDIDIASIS SITE NEC (ICD9)
 112.9 CANDIDIASIS SITE NOS (ICD9)
 114.0 PRIMARY COCCIDIOIDOMYCOS (ICD9)
 114.1 PRIM CUTAN COCCIDIOID (ICD9)
 114.2 COCCIDIOIDAL MENINGITIS (ICD9)
 114.3 PROGRESS COCCIDIOID NEC (ICD9)
 114.4 CHRONIC PULMON COCCIDIOIDOMYCOSIS (Begin 1993) (ICD9)
 114.5 UNSPEC PULMON COCCIDIOIDOMYCOSIS (Begin 1993) (ICD9)
 114.9 COCCIDIOIDOMYCOSIS NOS (ICD9)
 115.00 HISTOPLASMA CAPSULAT NOS (ICD9)
 115.01 HISTOPLASM CAPSUL MENING (ICD9)
 115.02 HISTOPLASM CAPSUL RETINA (ICD9)
 115.05 HISTOPLASM CAPS PNEUMON (ICD9)
 115.09 HISTOPLASMA CAPSULAT NEC (ICD9)
 115.10 HISTOPLASMA DUBOISII NOS (ICD9)
 115.11 HISTOPLASM DUBOIS MENING (ICD9)
 115.12 HISTOPLASM DUBOIS RETINA (ICD9)
 115.15 HISTOPLASM DUB PNEUMONIA (ICD9)
 115.19 HISTOPLASMA DUBOISII NEC (ICD9)
 115.90 HISTOPLASMOSIS NOS (ICD9)
 115.91 HISTOPLASMOSIS MENINGIT (ICD9)
 115.92 HISTOPLASMOSIS RETINITIS (ICD9)
 115.95 HISTOPLASMOSIS PNEUMONIA (ICD9)
 115.99 HISTOPLASMOSIS NEC (ICD9)
 116.0 BLASTOMYCOSIS (ICD9)
 116.1 PARACOCCIDIOIDOMYCOSIS (ICD9)
 116.2 LOBOMYCOSIS (ICD9)
 117.0 RHINOSPORIDIOSIS (ICD9)
 117.1 SPOROTRICHOSIS (ICD9)
 117.2 CHROMOBLASTOMYCOSIS (ICD9)
 117.3 ASPERGILLOSIS (ICD9)
 117.4 MYCOTIC MYCETOMAS (ICD9)
 117.5 CRYPTOCOCCOSIS (ICD9)
 117.6 ALLESCHERIOSIS (ICD9)
 117.7 ZYGOMYCOSIS (ICD9)
 117.8 DEMATIACIOUS FUNGI INF (ICD9)
 117.9 MYCOSES NEC & NOS (ICD9)
 118 OPPORTUNISTIC MYCOSES (ICD9)
 120.0 SCHISTOSOMA HAEMATOBIIUM (ICD9)
 120.1 SCHISTOSOMA MANSONI (ICD9)
 120.2 SCHISTOSOMA JAPONICUM (ICD9)
 120.3 CUTANEOUS SCHISTOSOMA (ICD9)
 120.8 SCHISTOSOMIASIS NEC (ICD9)
 120.9 SCHISTOSOMIASIS NOS (ICD9)
 121.0 OPISTHORCHIASIS (ICD9)
 121.1 CLONORCHIASIS (ICD9)
 121.2 PARAGONIMIASIS (ICD9)
 121.3 FASCIOLIASIS (ICD9)
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 121.5 METAGONIMIASIS (ICD9)
 121.6 HETEROPHYIASIS (ICD9)
 121.8 TREMATODE INFECTION NEC (ICD9)
 121.9 TREMATODE INFECTION NOS (ICD9)
 122.0 ECHINOCOCC GRANUL LIVER (ICD9)
 122.1 ECHINOCOCC GRANUL LUNG (ICD9)
 122.2 ECHINOCOCC GRAN THYROID (ICD9)
 122.3 ECHINOCOCC GRANUL NEC (ICD9)
 122.4 ECHINOCOCC GRANUL NOS (ICD9)
 122.5 ECHINOCOC MULTILOC LIVER (ICD9)
 122.6 ECHINOCOCC MULTILOC NEC (ICD9)

122.7 ECHINOCOCC MULTILOC NOS (ICD9)
 122.8 ECHINOCOCCOSIS NOS LIVER (ICD9)
 122.9 ECHINOCOCCOSIS NEC/NOS (ICD9)
 123.0 TAENIA SOLIUM INTESTINE (ICD9)
 123.1 CYSTICERCOSIS (ICD9)
 123.2 TAENIA SAGINATA INFECT (ICD9)
 123.3 TAENIASIS NOS (ICD9)
 123.4 DIPHYLLOBOTHRIAS INTEST (ICD9)
 123.5 SPARGANOSIS (ICD9)
 123.6 HYMENOLEPIASIS (ICD9)
 123.8 CESTODE INFECTION NEC (ICD9)
 123.9 CESTODE INFECTION NOS (ICD9)
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 125.0 BANCROFTIAN FILARIASIS (ICD9)
 125.1 MALAYAN FILARIASIS (ICD9)
 125.2 LOIASIS (ICD9)
 125.3 ONCHOCERCIASIS (ICD9)
 125.4 DIPETALONEMIASIS (ICD9)
 125.5 MANSONELLA OZZARDI INFEC (ICD9)
 125.6 FILARIASIS NEC (ICD9)
 125.7 DRACONTIASIS (ICD9)
 125.9 FILARIASIS NOS (ICD9)
 126.0 ANCYLOSTOMA DUODENALE (ICD9)
 126.1 NECATOR AMERICANUS (ICD9)
 126.2 ANCYLOSTOMA BRAZILIENSE (ICD9)
 126.3 ANCYLOSTOMA CEYLANICUM (ICD9)
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 126.9 ANCYLOSTOMIASIS NOS (ICD9)
 127.0 ASCARIASIS (ICD9)
 127.1 ANISAKIASIS (ICD9)
 127.2 STRONGYLOIDIASIS (ICD9)
 127.3 TRICHURIASIS (ICD9)
 127.4 ENTEROBIASIS (ICD9)
 127.5 CAPILLARIASIS (ICD9)
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 127.7 INTEST HELMINTHIASIS NEC (ICD9)
 127.8 MIXED INTESTINE HELMINTH (ICD9)
 127.9 INTEST HELMINTHIASIS NOS (ICD9)
 128.0 TOXOCARIASIS (ICD9)
 128.1 GNATHOSTOMIASIS (ICD9)
 128.8 HELMINTHIASIS NEC (ICD9)
 128.9 HELMINTHIASIS NOS (ICD9)
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 130.0 TOXOPLASM MENINGOENCEPH (ICD9)
 130.1 TOXOPLASM CONJUNCTIVITIS (ICD9)
 130.2 TOXOPLASM CHORIORETINIT (ICD9)
 130.4 TOXOPLASMA PNEUMONITIS (ICD9)
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 130.7 TOXOPLASMOSIS SITE NEC (ICD9)
 130.8 MULTISYSTEM TOXOPLASMOS (ICD9)
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132.2 PHTHIRUS PUBIS (ICD9)
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 136.9 INFECT/PARASITE DIS NOS (ICD9)
 283.11 HEMOLYTIC-UREMIC SYNDROME
 320.0 HEMOPHILUS MENINGITIS (ICD9)
 320.1 PNEUMOCOCCAL MENINGITIS (ICD9)
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 320.81 ANAEROBIC MENINGITIS (Begin 1992) (ICD9)
 320.82 GRAM NEG MENINGITIS NEC (Begin 1992) (ICD9)
 320.89 OTH BACTER MENINGITIS (Begin 1992) (ICD9)
 320.9 BACTERIAL MENINGITIS NOS (ICD9)
 321.0 CRYPTOCOCCAL MENINGITIS (ICD9)
 321.1 MENING IN OTH FUNGAL DIS (ICD9)
 321.2 MENING IN OTH VIRAL DIS (ICD9)
 321.3 TRYPANOSOMIASIS MENINGIT (ICD9)
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 321.8 MENING IN OTH NONBAC DIS (ICD9)
 322.0 NONPYOGENIC MENINGITIS (ICD9)
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 323.41 ENCEPH/MYELITIS-OTH INF (Begin 2006) (ICD9)
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324.9 CNS ABSCESS NOS (ICD9)
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360.19 ENDOPHTHALMITIS NEC (ICD9)
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364.03 SECONDARY IRITIS- INFECT (ICD9)
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372.02 AC FOLLIC CONJUNCTIVITIS (ICD9)
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373.00 BLEPHARITIS NOS (ICD9)
373.01 ULCERATIVE BLEPHARITIS (ICD9)
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376.04 ORBITAL TENONITIS (ICD9)
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379.61 INFLAM POSTPROC BLEB (ICD9)
379.62 INFLAM POSTPROC BLEB (ICD9)
379.63 INFLAM POSTPROC BLEB (ICD9)
380.10 INFEC OTITIS EXTERNA NOS (ICD9)
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380.23 CHR OTITIS EXTERNA NEC (ICD9)
381.00 AC NONSUP OTITIS MED NOS (ICD9)
381.01 AC SEROUS OTITIS MEDIA (ICD9)
381.02 AC MUCOID OTITIS MEDIA (ICD9)
381.03 ACUTE SANGUINOUS OTITIS MEDIA (ICD9)
381.10 CHR SEROUS OM SIMP/NOS (ICD9)
381.19 CHR SEROUS OM NEC (ICD9)
381.20 CHR MUCOID OM SIMP/NOS (ICD9)
381.29 CHR MUCOID OM NEC (ICD9)

381.3 CHR NONSUP OM NOS/NEC (ICD9)
 381.4 NONSUPP OTITIS MEDIA NOS (ICD9)
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 384.20 PERFORAT TYMPAN MEMB NOS (ICD9)
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 391.1 ACUTE RHEUMATIC ENDOCARDITIS (ICD9)
 391.2 ACUTE RHEUMATIC MYOCARDITIS (ICD9)
 391.8 OTHER ACUTE RHEUMATIC HEART DISEASE (ICD9)
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 460 ACUTE NASOPHARYNGITIS (ICD9)
 461.0 AC MAXILLARY SINUSITIS (ICD9)
 461.1 AC FRONTAL SINUSITIS (ICD9)
 461.2 AC ETHMOIDAL SINUSITIS (ICD9)
 461.3 AC SPHENOIDAL SINUSITIS (ICD9)
 461.8 OTHER ACUTE SINUSITIS (ICD9)
 461.9 ACUTE SINUSITIS NOS (ICD9)
 462 ACUTE PHARYNGITIS (ICD9)
 463 ACUTE TONSILLITIS (ICD9)

464.0 ACUTE LARYNGITIS (End 2001) (ICD9)
 464.00 ACUTE LARYNGITIS- W/O OBSTR (Begin 2001) (ICD9)
 464.01 ACUTE LARYNGITIS- W OBSTR (Begin 2001) (ICD9)
 464.10 AC TRACHEITIS NO OBSTRUC (ICD9)
 464.11 AC TRACHEITIS W OBSTRUCT (ICD9)
 464.20 AC LARYNGOTRACH NO OBSTR (ICD9)
 464.21 AC LARYNGOTRACH W OBSTR (ICD9)
 464.30 AC EPIGLOTTITIS NO OBSTR (ICD9)
 464.31 AC EPIGLOTTITIS W OBSTR (ICD9)
 464.4 CROUP (ICD9)
 464.50 SUPRAGLOTTIS NOS- W/O OBSTR (Begin 2001) (ICD9)
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 465.0 ACUTE LARYNGOPHARYNGITIS (ICD9)
 465.8 ACUTE URI MULT SITES NEC (ICD9)
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 466.19 OTH ACUTE BRONCHIOL (Begin 1996) (ICD9)
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 473.3 CHR SPHENOIDAL SINUSITIS (ICD9)
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 473.9 CHRONIC SINUSITIS NOS- (ICD9)
 474.0 CHRONIC TONSILLITIS (End 1997) (ICD9)
 474.00 CHRON TONSILLITIS (Begin 1997) (ICD9)
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 482.0 K. PNEUMONIAE PNEUMONIA (ICD9)
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 482.40 STAPH PNEUMONIA UNSP (Begin 1998) (ICD9)
 482.41 STAPH AUREUS PNEUMON (Begin 1998) (ICD9)
 482.42 (no description found)
 482.49 STAPH PNEUMON OTH (Begin 1998) (ICD9)
 482.8 BACTERIAL PNEUMONIA NEC (Begin 1980 (ICD9)
 482.81 ANAEROBIC PNEUMONIA (Begin 1992) (ICD9)

482.82 E COLI PNEUMONIA (Begin 1992) (ICD9)
 482.83 OTH GRAM NEG PNEUMONIA (Begin 1992) (ICD9)
 482.84 LEGIONNAIRES DX (Begin 1997) (ICD9)
 482.89 BACT PNEUMONIA NEC (Begin 1992) (ICD9)
 482.9 BACTERIAL PNEUMONIA NOS (ICD9)
 483 PNEUMONIA: ORGANISM NEC (Begin 1980 (ICD9)
 483.0 MYCOPLASMA PNEUMONIA (Begin 1992) (ICD9)
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 486 PNEUMONIA- ORGANISM NOS (ICD9)
 487.0 INFLUENZA WITH PNEUMONIA (ICD9)
 487.1 FLU W RESP MANIFEST NEC (ICD9)
 487.8 FLU W MANIFESTATION NEC (ICD9)
 488 FLU D/T AVIAN FLU VIRUS (Begin 2007) (ICD9)
 488.0 (no description found)
 488.01 FLU D/T IDENTIFIED AVIAN FLU VIRUS WITH PNEUMONIA
 488.02 FLU D/T IDENTIFIED AVIAN FLU VIRUS WITH OTHER RESPIRATORY
 MANIFESTATIONS
 488.09 FLU D/T IDENTIFIED AVIAN FLU VIRUS WITH OTHER MANIFESTATIONS
 488.1 (no description found)
 488.11 FLU D/T IDENTIFIED 2009 H1N1 FLU VIRUS WITH PNEUMONIA
 488.12 FLU D/T IDENTIFIED 2009 H1N1 FLU VIRUS WITH OTHER RESPIRATORY
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 488.19 FLU D/T IDENTIFIED 2009 H1N1 FLU VIRUS WITH OTHER MANIFESTATIONS
 488.81 FLU D/T IDENTIFIED NOVEL INFLUENZA A VIRUS W/ PNEUMONIA
 488.82 FLU D/T IDENTIFIED NOVEL INFLUENZA A VIRUS W/ OTHER RESP
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 488.89 FLU D/T IDENTIFIED NOVEL INFLUENZA A VIRUS W/ OTHER MANIFESTATIONS
 490 BRONCHITIS NOS (ICD9)
 491.0 SIMPLE CHR BRONCHITIS (ICD9)
 491.1 MUCOPURUL CHR BRONCHITIS (ICD9)
 491.2 OBSTRUCT CHR BRONCHITIS (Begin 1980 (ICD9)
 491.20 OBS CHR BRNC W/O ACT EXA (Begin 1991) (ICD9)
 491.21 OBS CHR BRNC W ACT EXA (Begin 1991) (ICD9)
 491.22 OBS CHR BRNC W AC BRNC (Begin 2004) (ICD9)
 491.8 CHRONIC BRONCHITIS NEC (ICD9)
 491.9 CHRONIC BRONCHITIS NOS (ICD9)
 494 BRONCHIECTASIS (End 2000) (ICD9)
 494.0 BRONCHIECTASIS W/O ACUTE EXACERBATN (Begin 2000) (ICD9)
 494.1 BRONCHIECTASIS W/ACUTE EXACERBATION (Begin 2000) (ICD9)
 510.0 EMPYEMA WITH FISTULA (ICD9)
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 513.0 ABSCESS OF LUNG (ICD9)
 513.1 ABSCESS OF MEDIASTINUM (ICD9)
 517.1 RHEUMATIC PNEUMONIA (ICD9)
 519.2 MEDIASTINITIS (ICD9)
 519.3 MEDIASTINUM DISEASE NEC (ICD9)
 522.4 AC APICAL PERIODONTITIS (ICD9)
 522.5 PERIAPICAL ABSCESS (ICD9)
 522.6 CHR APICAL PERIODONTITIS (ICD9)
 522.7 PERIAPICAL ABSC W SINUS (ICD9)
 523.10 CHRONIC GINGIVITIS, PLAQUE INDUCED (ICD9)
 523.11 CHRONIC GINGIVITIS, NON-PLAQUE INDUCED (ICD9)

523.3 ACUTE PERIODONTITIS (ICD9)
523.30 AGGRESSIVE PERIODONTITIS, UNSPECIFIED (ICD9)
523.31 AGGRESSIVE PERIODONTITIS, LOCALIZED (ICD9)
523.32 AGGRESSIVE PERIODONTITIS, GENERALIZED (ICD9)
523.33 ACUTE PERIODONTITIS (ICD9)
523.4 CHRONIC PERIODONTITIS (ICD9)
523.40 CHRONIC PERIODONTITIS, UNSPECIFIED (ICD9)
523.41 CHRONIC PERIODONTITIS, LOCALIZED (ICD9)
523.42 CHRONIC PERIODONTITIS, GENERALIZED (ICD9)
523.5 PERIODONTOSIS (ICD9)
527.3 SALIVARY GLAND ABSCESS (ICD9)
528.3 CELLULITIS/ABSCESS MOUTH (ICD9)
558.9 NONINF GASTROENTERIT NEC (ICD9)
566 ABSCESS OF ANAL AND RECTAL REGION (ICD9)
567.0 PERITONITIS IN INFECTION (ICD9)
567.1 PNEUMOCOCCAL PERITONITIS (ICD9)
567.2 SUPPURATIVE PERITONITIS NEC (End 2005) (ICD9)
567.21 PERITONITIS (ACUTE) GEN (Begin 2005) (ICD9)
567.22 PERITONEAL ABSCESS (Begin 2005) (ICD9)
567.23 SPONTANEOUS BACTERIAL PERITONITIS (Begin 2005) (ICD9)
567.29 SUPPURATIVE PERITONITIS NEC (Begin 2005) (ICD9)
567.31 PSOAS MUSCLE ABSCESS (Begin 2005) (ICD9)
567.38 RETROPERITONEAL ABSCESS NEC (Begin 2005) (ICD9)
567.39 RETROPERITONEAL INFECTION NEC (Begin 2005) (ICD9)
567.81 CHOLEPERITONITIS (Begin 2005) (ICD9)
567.89 PERITONITIS NEC (Begin 2005) (ICD9)
567.9 PERITONITIS NOS (ICD9)
569.5 INTESTINAL ABSCESS (ICD9)
572.0 ABSCESS OF LIVER (ICD9)
572.1 PORTAL PYEMIA (ICD9)
573.1 HEPATITIS IN VIRAL INFECTION (ICD9)
573.2 HEPATITIS IN OTHER INFECTIOUS DISEASE (ICD9)
574.11 CHOLELITH/GALLBLADDER INFECTION NEC-OBS (ICD9)
574.30 CHOLEDOCHOLITH/ACUTE GALLBLADDER INFECTION (ICD9)
574.40 CHOLEDOCHOLITH/GALLBLADDER INFECTION NEC (ICD9)
575.0 ACUTE CHOLECYSTITIS
590.2 RENAL/PERIRENAL ABSCESS (ICD9)
590.81 PYELITIS OR PYELONEPHRITIS IN DISEASES CLASSIFIED ELSEWHERE
590.9 INFECTION OF KIDNEY UNSPECIFIED
595.0 ACUTE CYSTITIS (ICD9)
595.89 OTHER CYSTITIS, INCLUDING ABSCESS OF BLADDER
597.0 URETHRAL ABSCESS (ICD9)
598.00 URETHRAL STRICTURE:INFECTION NOS (ICD9)
599.0 URINARY TRACT INFECTION NOS (ICD9)
601.0 ACUTE PROSTATITIS (ICD9)
601.2 ABSCESS OF PROSTATE (ICD9)
603.1 INFECTED HYDROCELE (ICD9)
604.0 ORCHITIS WITH ABSCESS (ICD9)
611.0 INFLAMMATORY DISEASE OF BREAST
614.0 ACUTE SALPINGO-OOPHORITIS (ICD9)
614.1 CHRONIC SALPINGO-OOPHORITIS (ICD9)
614.2 SALPINGO-OOPHORITIS NOS (ICD9)
614.3 ACUTE PARAMETRITIS (ICD9)
614.4 CHRONIC PARAMETRITIS (ICD9)
614.5 ACUTE PELVIC PERITONITIS-FEM (ICD9)
614.6 FEMORAL PELVIC PERITONITIS ADHESIONS (ICD9)
614.7 CHRONIC PELVIC PERITONITIS NEC-FEM (ICD9)
614.8 FEMORAL PELVIC INFLAMMATORY DISEASE NEC (ICD9)
614.9 FEMORAL PELVIC INFLAMMATORY DISEASE NOS (ICD9)
615.0 ACUTE UTERINE INFLAMMATION (ICD9)

615.1 CHR UTERINE INFLAMMATION (ICD9)
615.9 UTERINE INFLAM DIS NOS (ICD9)
616.0 CERVICITIS (ICD9)
616.10 VAGINITIS NOS (ICD9)
616.11 VAGINITIS IN OTH DISEASE (ICD9)
616.2 BARTHOLIN-s GLAND CYST (ICD9)
616.3 BARTHOLIN-s GLND ABSCESS (ICD9)
616.4 ABSCESS OF VULVA NEC (ICD9)
634.00 SPON ABOR W PELV INF-UNSP (ICD9)
634.01 SPON ABOR W PELV INF-INC (ICD9)
634.02 SPON ABOR W PELV INF-COMP (ICD9)
635.00 LEG ABOR W PELV INF-UNSP (ICD9)
635.01 LEG ABOR W PELV INF-INC (ICD9)
635.02 LEG ABOR W PELV INF-COMP (ICD9)
636.00 ILLEG AB W PELV INF-UNSP (ICD9)
636.01 ILLEG AB W PELV INF-INC (ICD9)
636.02 ILLEG AB W PELV INF-COMP (ICD9)
637.00 ABORT NOS W PELV INF-UNSP (ICD9)
637.01 ABORT NOS W PELV INF-INC (ICD9)
637.02 ABORT NOS W PELV INF-COMP (ICD9)
638.0 FAILED ATTEMPTED ABORTION COMPLICATED BY GENITAL TRACT AND PELVIC INFECTION
639.0 POSTABORTION GU INFECTION (ICD9)
646.60 GU INFECTION IN PREG-UNSPEC (ICD9)
646.61 GU INFECTION-DELIVERED (ICD9)
646.62 GU INFECTION-DELIV W P/P (ICD9)
646.63 GU INFECTION-ANTEPARTUM (ICD9)
646.64 POSTPARTUM INFECTIONS OF GENITOURINARY TRACT
647.00 SYPHILIS OF MOTHER COMPLICATING PREGNANCY CHILDBIRTH OR THE PUERPERIUS UNSPECIFIED AS TO EPISODE OF CARE
647.01 SYPHILIS OF MOTHER COMPLICATING PREGNANCY WITH DELIVERY
647.02 SYPHILIS OF MOTHER COMPLICATING PREGNANCY WITH DELIVERY WITH POSTPARTUM COMPLICATION
647.03 ANTEPARTUM SYPHILIS
647.04 POSTPARTUM SYPHILIS
647.10 GONORRHEA OF MOTHER COMPLICATING PREGNANCY CHILDBIRTH OR THE PUERPERIUM UNSPECIFIED AS TO EPISODE OF CARE
647.11 GONORRHEA OF MOTHER WITH DELIVERY
647.12 GONORRHEA OF MOTHER WITH DELIVERY WITH POSTPARTUM COMPLICATION
647.13 ANTEPARTUM GONORRHEA
647.14 POSTPARTUM GONORRHEA
647.20 OTHER VENEREAL DISEASES OF MOTHER COMPLICATING PREGNANCY CHILDBIRTH OR PUERPERIUM UNSPECIFIED AS TO EPISODE OF CARE
647.21 OTHER VENEREAL DISEASES OF MOTHER WITH DELIVERY
647.22 OTHER VENEREAL DISEASES OF MOTHER WITH DELIVERY WITH POSTPARTUM COMPLICATION
647.23 OTHER ANTEPARTUM VENEREAL DISEASES
647.24 OTHER POSTPARTUM VENEREAL DISEASES
647.30 TB IN PREG-UNSPECIFIED (ICD9)
647.31 TUBERCULOSIS-DELIVERED (ICD9)
647.32 TUBERCULOSIS-DELIV W P/P (ICD9)
647.33 TUBERCULOSIS-ANTEPARTUM (ICD9)
647.34 TUBERCULOSIS-POSTPARTUM (ICD9)
647.40 MALARIA IN PREG-UNSPEC (ICD9)
647.41 MALARIA-DELIVERED (ICD9)
647.42 MALARIA-DELIVERED W P/P (ICD9)
647.43 MALARIA-ANTEPARTUM (ICD9)
647.44 MALARIA-POSTPARTUM (ICD9)
647.50 RUBELLA IN PREG-UNSPEC (ICD9)
647.51 RUBELLA-DELIVERED (ICD9)

647.52 RUBELLA-DELIVERED W P/P (ICD9)
647.53 RUBELLA-ANTEPARTUM (ICD9)
647.54 RUBELLA-POSTPARTUM (ICD9)
647.60 OTH VIRUS IN PREG-UNSPEC (ICD9)
647.61 OTH VIRAL DIS-DELIVERED (ICD9)
647.62 OTH VIRAL DIS-DEL W P/P (ICD9)
647.63 OTH VIRAL DIS-ANTEPARTUM (ICD9)
647.64 OTH VIRAL DIS-POSTPARTUM (ICD9)
647.80 INF DIS IN PREG NEC-UNSP (ICD9)
647.81 INFECT DIS NEC-DELIVERED (ICD9)
647.82 INFECT DIS NEC-DEL W P/P (ICD9)
647.83 INFECT DIS NEC-ANTEPARTUM (ICD9)
647.84 INFECT DIS NEC-POSTPARTUM (ICD9)
647.90 INFECT IN PREG NOS-UNSP (ICD9)
647.91 INFECT NOS-DELIVERED (ICD9)
647.92 INFECT NOS-DELIVER W P/P (ICD9)
647.93 INFECT NOS-ANTEPARTUM (ICD9)
647.94 INFECT NOS-POSTPARTUM (ICD9)
658.40 AMNIOTIC INFECTION-UNSP (ICD9)
658.41 AMNIOTIC INFECTION-DELIV (ICD9)
658.43 AMNIOTIC INFECTION-ANTEPARTUM (ICD9)
659.30 SEPTICEMIA IN LABOR-UNSP (ICD9)
659.31 SEPTICEM IN LABOR-DELIV (ICD9)
659.33 SEPTICEM IN LABOR-ANTEPARTUM (ICD9)
670.00 MAJOR PUERP INFECTION-UNSP (Begin 1991) (ICD9)
670.02 MAJOR PUERP INF-DEL P/P (Begin 1991) (ICD9)
670.04 MAJOR PUERP INF-POSTPARTUM (Begin 1991) (ICD9)
670.10 PUERP ENDOMETRITIS, UNSP
670.12 PUERP ENDOMETRITIS, DELIVERED WITH MENTION OF POSTPARTUM
COMPLICATION
670.14 PUERP ENDOMETRITIS, POSTPARTUM CONDITION OR COMPLICATION
670.20 PUERP SEPSIS, UNSP
670.22 PUERP SEPSIS, DELIVERED WITH MENTION OF POSTPARTUM COMPLICATION
670.24 PUERP SEPSIS, POSTPARTUM CONDITION OR COMPLICATION
670.30 PUERP SEPTIC THROMBOPHLEBITIS, UNSP
670.32 PUERP SEPTIC THROMBOPHLEBITIS, DELIVERED WITH MENTION OF
POSTPARTUM COMPLICATION
670.34 PUERP SEPTIC THROMBOPHLEBITIS, POSTPARTUM CONDITION OR
COMPLICATION
670.80 OTHER MAJOR PUERP INFECTION, UNSP
670.82 OTHER MAJOR PUERP INFECTION, DELIVERED WITH MENTION OF POSTPARTUM
COMPLICATION
670.84 OTHER MAJOR PUERP INFECTION, POSTPARTUM CONDITION OR COMPLICATION
675.00 INFECT NIPPLE PREG-UNSP (ICD9)
675.01 INFECT NIPPLE-DELIVERED (ICD9)
675.02 INFECT NIPPLE-DEL W P/P (ICD9)
675.03 INFECT NIPPLE-ANTEPARTUM (ICD9)
675.04 INFECT NIPPLE-POSTPARTUM (ICD9)
675.10 BREAST ABSCESS PREG-UNSP (ICD9)
675.11 BREAST ABSCESS-DELIVERED (ICD9)
675.12 BREAST ABSCESS-DEL W P/P (ICD9)
675.13 BREAST ABSCESS-ANTEPARTUM (ICD9)
675.14 BREAST ABSCESS-POSTPARTUM (ICD9)
675.20 MASTITIS IN PREG-UNSPEC (ICD9)
675.21 MASTITIS-DELIVERED (ICD9)
675.22 MASTITIS-DELIV W P/P (ICD9)
675.23 MASTITIS-ANTEPARTUM (ICD9)
675.24 MASTITIS-POSTPARTUM (ICD9)
675.80 BREAST INF PREG NEC-UNSP (ICD9)
675.81 BREAST INFECT NEC-DELIV (ICD9)

675.82 BREAST INF NEC-DEL W P/P (ICD9)
675.83 BREAST INF NEC-ANTEPART (ICD9)
675.84 BREAST INF NEC-POSTPART (ICD9)
675.90 BREAST INF PREG NOS-UNSP (ICD9)
675.91 BREAST INFECT NOS-DELIV (ICD9)
675.92 BREAST INF NOS-DEL W P/P (ICD9)
675.93 BREAST INF NOS-ANTEPART (ICD9)
675.94 BREAST INF NOS-POSTPART (ICD9)
680.0 CARBUNCLE OF FACE (ICD9)
680.1 CARBUNCLE OF NECK (ICD9)
680.2 CARBUNCLE OF TRUNK (ICD9)
680.3 CARBUNCLE OF ARM (ICD9)
680.4 CARBUNCLE OF HAND (ICD9)
680.5 CARBUNCLE OF BUTTOCK (ICD9)
680.6 CARBUNCLE OF LEG (ICD9)
680.7 CARBUNCLE OF FURUNCLE OF FOOT (ICD9)
680.8 CARBUNCLE- SITE NEC (ICD9)
680.9 CARBUNCLE NOS (ICD9)
681.00 CELLULITIS- FINGER NOS (ICD9)
681.01 FELON (ICD9)
681.02 ONYCHIA OF FINGER (ICD9)
681.10 CELLULITIS- TOE NOS (ICD9)
681.11 ONYCHIA OF TOE (ICD9)
681.9 CELLULITIS OF DIGIT NOS (ICD9)
682.0 CELLULITIS OF FACE (ICD9)
682.1 CELLULITIS OF NECK (ICD9)
682.2 CELLULITIS OF TRUNK (ICD9)
682.3 CELLULITIS OF ARM (ICD9)
682.4 CELLULITIS OF HAND (ICD9)
682.5 CELLULITIS OF BUTTOCK (ICD9)
682.6 CELLULITIS OF LEG (ICD9)
682.7 CELLULITIS OF FOOT (ICD9)
682.8 CELLULITIS- SITE NEC (ICD9)
682.9 CELLULITIS NOS (ICD9)
683 ACUTE LYMPHADENITIS (ICD9)
684 IMPETIGO (ICD9)
685.0 PILONIDAL CYST W ABSCESS (ICD9)
685.1 PILONIDAL CYST W/O ABSC (ICD9)
686.0 PYODERMA (End 1997) (ICD9)
686.00 PYODERMA NOS (Begin 1997) (ICD9)
686.01 PYODERMA GANGREN (Begin 1997) (ICD9)
686.09 PYODERMA NEC (Begin 1997) (ICD9)
686.1 PYOGENIC GRANULOMA (ICD9)
686.8 LOCAL SKIN INFECTION NEC (ICD9)
686.9 LOCAL SKIN INFECTION NOS (ICD9)
690.8 OTHER ERYTHEMATOSQUAMOUS DERMATOSIS
694.0 DERMATITIS HERPETIFORMIS (ICD9)
694.1 SUBCORNEAL PUST DERMATOS (ICD9)
694.2 JUVEN DERMAT HERPETIFORM (ICD9)
694.3 IMPETIGO HERPETIFORMIS (ICD9)
695.3 ROSACEA (ICD9)
695.81 RITTER'S DISEASE (ICD9)
696.3 PITYRIASIS ROSEA (ICD9)
711.00 PYOGEN ARTHRITIS-UNSPEC (ICD9)
711.01 PYOGEN ARTHRITIS-SHLDER (ICD9)
711.02 PYOGEN ARTHRITIS-UP/ARM (ICD9)
711.03 PYOGEN ARTHRITIS-FOREARM (ICD9)
711.04 PYOGEN ARTHRITIS-HAND (ICD9)
711.05 PYOGEN ARTHRITIS-PELVIS (ICD9)
711.06 PYOGEN ARTHRITIS-L/LEG (ICD9)

711.07 PYOGEN ARTHRITIS-ANKLE (ICD9)
711.08 PYOGEN ARTHRITIS NEC (ICD9)
711.09 PYOGEN ARTHRITIS-MULT (ICD9)
711.30 DYSENTER ARTHRIT-UNSPEC (ICD9)
711.31 DYSENTER ARTHRIT-SHLDER (ICD9)
711.32 DYSENTER ARTHRIT-UP/ARM (ICD9)
711.33 DYSENTER ARTHRIT-FOREARM (ICD9)
711.34 DYSENTER ARTHRIT-HAND (ICD9)
711.35 DYSENTER ARTHRIT-PELVIS (ICD9)
711.36 DYSENTER ARTHRIT-L/LEG (ICD9)
711.37 DYSENTER ARTHRIT-ANKLE (ICD9)
711.38 DYSENTER ARTHRIT NEC (ICD9)
711.39 DYSENTER ARTHRIT-MULT (ICD9)
711.40 BACT ARTHRITIS-UNSPEC (ICD9)
711.41 BACT ARTHRITIS-SHLDER (ICD9)
711.42 BACT ARTHRITIS-UP/ARM (ICD9)
711.43 BACT ARTHRITIS-FOREARM (ICD9)
711.44 BACT ARTHRITIS-HAND (ICD9)
711.45 BACT ARTHRITIS-PELVIS (ICD9)
711.46 BACT ARTHRITIS-L/LEG (ICD9)
711.47 BACT ARTHRITIS-ANKLE (ICD9)
711.48 BACT ARTHRITIS NEC (ICD9)
711.49 BACT ARTHRITIS-MULT (ICD9)
711.50 VIRAL ARTHRITIS-UNSPEC (ICD9)
711.51 VIRAL ARTHRITIS-SHLDER (ICD9)
711.52 VIRAL ARTHRITIS-UP/ARM (ICD9)
711.53 VIRAL ARTHRITIS-FOREARM (ICD9)
711.54 VIRAL ARTHRITIS-HAND (ICD9)
711.55 VIRAL ARTHRITIS-PELVIS (ICD9)
711.56 VIRAL ARTHRITIS-L/LEG (ICD9)
711.57 VIRAL ARTHRITIS-ANKLE (ICD9)
711.58 VIRAL ARTHRITIS NEC (ICD9)
711.59 VIRAL ARTHRITIS-MULT (ICD9)
711.60 MYCOTIC ARTHRITIS-UNSPEC (ICD9)
711.61 MYCOTIC ARTHRITIS-SHLDER (ICD9)
711.62 MYCOTIC ARTHRITIS-UP/ARM (ICD9)
711.63 MYCOTIC ARTHRIT-FOREARM (ICD9)
711.64 MYCOTIC ARTHRITIS-HAND (ICD9)
711.65 MYCOTIC ARTHRITIS-PELVIS (ICD9)
711.66 MYCOTIC ARTHRITIS-L/LEG (ICD9)
711.67 MYCOTIC ARTHRITIS-ANKLE (ICD9)
711.68 MYCOTIC ARTHRITIS NEC (ICD9)
711.69 MYCOTIC ARTHRITIS-MULT (ICD9)
711.70 HELMINTH ARTHRIT-UNSPEC (ICD9)
711.71 HELMINTH ARTHRIT-SHLDER (ICD9)
711.72 HELMINTH ARTHRIT-UP/ARM (ICD9)
711.73 HELMINTH ARTHRIT-FOREARM (ICD9)
711.74 HELMINTH ARTHRIT-HAND (ICD9)
711.75 HELMINTH ARTHRIT-PELVIS (ICD9)
711.76 HELMINTH ARTHRIT-L/LEG (ICD9)
711.77 HELMINTH ARTHRIT-ANKLE (ICD9)
711.78 HELMINTH ARTHRIT NEC (ICD9)
711.79 HELMINTH ARTHRIT-MULT (ICD9)
711.80 INF ARTHRITIS NEC-UNSPEC (ICD9)
711.81 INF ARTHRITIS NEC-SHLDER (ICD9)
711.82 INF ARTHRITIS NEC-UP/ARM (ICD9)
711.83 INF ARTHRIT NEC-FOREARM (ICD9)
711.84 INF ARTHRITIS NEC-HAND (ICD9)
711.85 INF ARTHRITIS NEC-PELVIS (ICD9)
711.86 INF ARTHRITIS NEC-L/LEG (ICD9)

711.87 INF ARTHRITIS NEC-ANKLE (ICD9)
711.88 INF ARTHRIT NEC-OTH SITE (ICD9)
711.89 INF ARTHRITIS NEC-MULT (ICD9)
711.90 INF ARTHRITIS NOS-UNSPEC (ICD9)
711.91 INF ARTHRITIS NOS-SHLDER (ICD9)
711.92 INF ARTHRITIS NOS-UP/ARM (ICD9)
711.93 INF ARTHRIT NOS-FOREARM (ICD9)
711.94 INF ARTHRIT NOS-HAND (ICD9)
711.95 INF ARTHRIT NOS-PELVIS (ICD9)
711.96 INF ARTHRIT NOS-L/LEG (ICD9)
711.97 INF ARTHRIT NOS-ANKLE (ICD9)
711.98 INF ARTHRIT NOS-OTH SITE (ICD9)
711.99 INF ARTHRITIS NOS-MULT (ICD9)
728.0 INFECTIVE MYOSITIS (ICD9)
728.86 NECROTIZING FASCIITIS
730.00 AC OSTEOMYELITIS-UNSPEC (ICD9)
730.01 AC OSTEOMYELITIS-SHLDER (ICD9)
730.02 AC OSTEOMYELITIS-UP/ARM (ICD9)
730.03 AC OSTEOMYELITIS-FOREARM (ICD9)
730.04 AC OSTEOMYELITIS-HAND (ICD9)
730.05 AC OSTEOMYELITIS-PELVIS (ICD9)
730.06 AC OSTEOMYELITIS-L/LEG (ICD9)
730.07 AC OSTEOMYELITIS-ANKLE (ICD9)
730.08 AC OSTEOMYELITIS NEC (ICD9)
730.09 AC OSTEOMYELITIS-MULT (ICD9)
730.10 CHR OSTEOMYELITIS-UNSP (ICD9)
730.11 CHR OSTEOMYELIT-SHLDER (ICD9)
730.12 CHR OSTEOMYELIT-UP/ARM (ICD9)
730.13 CHR OSTEOMYELIT-FOREARM (ICD9)
730.14 CHR OSTEOMYELIT-HAND (ICD9)
730.15 CHR OSTEOMYELIT-PELVIS (ICD9)
730.16 CHR OSTEOMYELIT-L/LEG (ICD9)
730.17 CHR OSTEOMYELIT-ANKLE (ICD9)
730.18 CHR OSTEOMYELIT NEC (ICD9)
730.19 CHR OSTEOMYELIT-MULT (ICD9)
730.20 OSTEOMYELITIS NOS-UNSPEC (ICD9)
730.21 OSTEOMYELITIS NOS-SHLDER (ICD9)
730.22 OSTEOMYELITIS NOS-UP/ARM (ICD9)
730.23 OSTEOMYELIT NOS-FOREARM (ICD9)
730.24 OSTEOMYELITIS NOS-HAND (ICD9)
730.25 OSTEOMYELITIS NOS-PELVIS (ICD9)
730.26 OSTEOMYELITIS NOS-L/LEG (ICD9)
730.27 OSTEOMYELITIS NOS-ANKLE (ICD9)
730.28 OSTEOMYELIT NOS-OTH SITE (ICD9)
730.29 OSTEOMYELITIS NOS-MULT (ICD9)
730.80 BONE INFECT NEC-UNSPEC (ICD9)
730.81 BONE INFECT NEC-SHLDER (ICD9)
730.82 BONE INFECT NEC-UP/ARM (ICD9)
730.83 BONE INFECT NEC-FOREARM (ICD9)
730.84 BONE INFECT NEC-HAND (ICD9)
730.85 BONE INFECT NEC-PELVIS (ICD9)
730.86 BONE INFECT NEC-L/LEG (ICD9)
730.87 BONE INFECT NEC-ANKLE (ICD9)
730.88 BONE INFECT NEC-OTH SITE (ICD9)
730.89 BONE INFECT NEC-MULT (ICD9)
730.90 BONE INFEC NOS-UNSP SITE (ICD9)
730.91 BONE INFECT NOS-SHLDER (ICD9)
730.92 BONE INFECT NOS-UP/ARM (ICD9)
730.93 BONE INFECT NOS-FOREARM (ICD9)
730.94 BONE INFECT NOS-HAND (ICD9)

730.95 BONE INFECT NOS-PELVIS (ICD9)
730.96 BONE INFECT NOS-L/LEG (ICD9)
730.97 BONE INFECT NOS-ANKLE (ICD9)
730.98 BONE INFECT NOS-OTH SITE (ICD9)
730.99 BONE INFECT NOS-MULT (ICD9)
760.2 MATERNAL INFEC AFF NB (ICD9)
762.7 CHORIOAMNIONITIS AFF NB (ICD9)
770.0 CONGENITAL PNEUMONIA (ICD9)
771.0 CONGENITAL RUBELLA (ICD9)
771.1 CONGENITAL CYTOMEGALOVIRUS INFECTION (ICD9)
771.2 OTHER CONGENITAL INFECTIONS SPECIFIED TO THE PERINATAL PERIOD
771.3 TETANUS NEONATORUM (ICD9)
771.4 OMPHALITIS OF NEWBORN (ICD9)
771.5 NEONATAL INFEC MASTITIS (ICD9)
771.6 NEONATAL CONJUNCTIVITIS (ICD9)
771.7 NEONATAL CANDIDA INFECT (ICD9)
771.8 PERINATAL INFECTION NEC (End 2002) (ICD9)
771.81 SEPTICEMIA [SEPSIS] OF NEWBORN (Begin 2002) (ICD9)
771.82 URINARY TRACT INFECTION OF NEWBORN (Begin 2002) (ICD9)
771.83 BACTEREMIA OF NEWBORN (Begin 2002) (ICD9)
771.89 OT INFECTIONS SPEC TO PERINATAL PERIOD (Begin 2002) (ICD9)
785.52 SEPTIC SHOCK (Begin 2003) (ICD9)
790.7 BACTEREMIA NOS (ICD9)
790.8 VIREMIA NOS- (ICD9)
795.05 CERVICAL (HPV) DNA POS (Begin 2004) (ICD9)
795.15 (no description found)
795.19 (no description found)
795.3 POSITIVE CULTURE FINDING (End 2002) (ICD9)
795.31 NONSPECIFIC POSITIVE FINDINGS/ANTHRAX (Begin 2002) (ICD9)
795.39 OTHER NONSPECIFIC POSITIVE CULTURE (Begin 2002) (ICD9)
795.71 NONSPECIFIC SEROLOG HIV (Begin 1994) (ICD9)
795.8 POSITIVE SERO/VIRAL HIV (Begin 1986 (ICD9)
796.75 (no description found)
796.79 (no description found)
910.1 ABRASION OR FRICTION BURN OF FACE NECK AND SCALP EXCEPT EYE INFECTED
910.3 BLISTER OF FACE NECK AND SCALP EXCEPT EYE INFECTED
910.5 INSECT BITE HEAD-INFECT (ICD9)
910.7 SUPERFICIAL FOREIGN BODY (SPLINTER) OF FACE NECK AND SCALP EXCET EYE
WITHOUT MAJOR OPEN WOUND INFECTED
910.9 OTHER AND UNSPECIFIED SUPERFICIAL INJURY OF FACE NECK AND SCALP INFECTED
911.1 ABRASION OR FRICTION BURN OF TRUNK INFECTED
911.3 BLISTER OF TRUNK INFECTED
911.5 INSECT BITE NONVENOMOUS OF TRUNK INFECTED
911.7 SUPERFICIAL FOREIGN BODY (SPLINTER) OF TRUNK WITHOUT MAJOR OPEN WOUND
INFECTED
911.9 OTHER AND UNSPECIFIED SUPERFICIAL INJURY OF TRUNK INFECTED
912.1 ABRASION OR FRICTION BURN OF SHOULDER AND UPPER ARM INFECTED
912.3 BLISTER OF SHOULDER AND UPPER ARM INFECTED
912.5 INSECT BITE SHLD/ARM-INF (ICD9)
912.7 SUPERFICIAL FOREIGN BODY (SPLINTER) OF SHOULDER AND UPPER ARM WITHOUT
MAJOR OPEN WOUND INFECTED
912.9 OTHER AND UNSPECIFIED SUPERFICIAL INJURY OF SHOULDER AND UPPER ARM
INFECTED
913.1 ABRASION OR FRICTION BURN OF ELBOW FOREARM AND WRIST INFECTED
913.3 BLISTER OF ELBOW FOREARM AND WRIST INFECTED
913.5 INSECT BITE NONVENOMOUS OF ELBOW FOREARM AND WRIST INFECTED
913.7 SUPERFICIAL FOREIGN BODY (SPLINTER)OF ELBOW FOREARM AND WRIST WITHOUT
MAJOR OPEN WOUND INFECTED
913.9 OTHER AND UNSPECIFIED SUPERFICIAL INJURY OF ELBOW FOREARM AND WRIST
INFECTED

914.1 ABRASION OR FRICTION BURN OF HAND(S) EXCEPT FINGER(S) ALONE INFECTED
 914.3 BLISTER OF HAND(S) EXCEPT FINGER(S) ALONE INFECTED
 914.5 INSECT BITE HAND-INFECT (ICD9)
 914.7 SUPERFICIAL FOREIGN BODY (SPLINTER) OF HAND(S) EXCEPT FINGER(S) ALONE WITHOUT MAJOR OPEN WOUND INFECTED
 914.9 OTHER AND UNSPECIFIED SUPERFICIAL INJURY OF HAND(S) EXCEPT FINGER(S) ALONE INFECTED
 915.1 ABRASION OR FRICTION BURN OF FINGERS INFECTED
 915.3 BLISTER OF FINGERS INFECTED
 915.5 INSECT BITE NONVENOMOUS OF FINGERS INFECTED
 915.7 SUPERFICIAL FOREIGN BODY (SPLINTER) OF FINGERS WITHOUT MAJOR OPEN WOUND INFECTED
 915.9 OTHER AND UNSPECIFIED SUPERFICIAL INJURY OF FINGERS INFECTED
 916.1 ABRASION OR FRICTION BURN OF HIP THIGH LEG AND ANKLE INFECTED
 916.3 BLISTER HIP & LEG-INFECT (ICD9)
 916.5 INSECT BITE NONVENOMOUS OF HIP THIGH LEG AND ANKLE INFECTED
 916.7 SUPERFICIAL FOREIGN BODY (SPLINTER) OF HIP THIGH LEG AND ANKLE WITHOUT MAJOR OPEN WOUND INFECTED
 916.9 OTHER AND UNSPECIFIED SUPERFICIAL INJURY OF HIP THIGH LEG AND ANKLE INFECTED
 917.1 ABRASION OR FRICTION BURN OF FOOT AND TOE(S) INFECTED
 917.3 BLISTER OF FOOT AND TOE(S) INFECTED
 917.5 INSECT BITE NONVENOMOUS OF FOOT AND TOE(S) INFECTED
 917.7 SUPERFICIAL FOREIGN BODY (SPLINTER) OF FOOT AND TOE(S) WITHOUT MAJOR OPEN WOUND INFECTED
 917.9 OTHER AND UNSPECIFIED SUPERFICIAL INJURY OF FOOT AND TOE(S) INFECTED
 919.1 ABRASION OR FRICTION BURN OF OTHER MULTIPLE AND UNSPECIFIED SITES INFECTED
 919.3 BLISTER NEC-INFECTED (ICD9) OF OTHER MULTIPLE AND UNSPECIFIED SITES INFECTED
 919.5 INSECT BITE NONVENOMOUS OF OTHER MULTIPLE AND UNSPECIFIED SITES INFECTED
 919.7 SUPERFICIAL FOREIGN BODY (SPLINTER) OF OTHER MULTIPLE AND UNSPECIFIED SITES WITHOUT MAJOR OPEN WOUND INFECTED
 919.9 OTHER AND UNSPECIFIED SUPERFICIAL INJURY OF OTHER MULTIPLE AND UNSPECIFIED SITES INFECTED
 958.3 POSTTRAUM WND INFEC NEC (ICD9)
 996.60 INFECTION AND INFLAMMATORY REACTION DUE TO UNSPECIFIED DEVICE IMPLANT AND GRAFT
 996.61 INFECTION AND INFLAMMATORY REACTION DUE TO CARDIAC DEVICE IMPLANT AND GRAFT
 996.62 INFECTION AND INFLAMMATORY REACTION DUE TO VASCULAR DEVICE IMPLANT AND GRAFT
 996.63 INFECTION AND INFLAMMATORY REACTION DUE TO NERVOUS SYSTEM DEVICE IMPLANT AND GRAFT
 996.64 INFECTION AND INFLAMMATORY REACTION DUE TO INDWELLING URINARY CATHETER
 996.65 INFECTION AND INFLAMMATORY REACTION DUE TO OTHER GENITOURINARY DEVICE IMPLANT AND GRAFT
 996.66 INFECTION AND INFLAMMATORY REACTION DUE TO INTERNAL JOINT PROSTHESIS
 996.67 INFECTION AND INFLAMMATORY REACTION DUE TO OTHER INTERNAL ORTHOPEDIC DEVICE IMPLANT AND GRAFT
 996.68 INFECTION AND INFLAMMATORY REACTION DUE TO PERITONEAL DIALYSIS CATHETER
 996.69 INFECTION AND INFLAMMATORY REACTION DUE TO OTHER INTERNAL PROSTHETIC DEVICE IMPLANT AND GRAT
 997.09 (no description available)
 997.62 INFECTION AMPUTAT STUMP (ICD9)
 998.51 INFECTED POSTOP SEROMA (Begin 1996) (ICD9)
 998.59 OTHER POSTOPERATIVE INFECTION
 999.3 INFEC COMPL MED CARE NEC (end 2007) (ICD9)
 999.31 OTHER AND UNSPEC INFECTION DUE TO CENTRAL VENOUS CATHETER

999.32 BLOODSTREAM INFECTION DUE TO CENTRAL VENOUS CATHETER
 999.33 LOCAL INFECTION DUE TO CENTRAL VENOUS CATHETER
 999.34 ACUTE INFECTION FOLLOWING TRANSFUSION INFUSION OR INJECTION OF
 BLOOD AND BLOOD PRODUCTS
 999.39 INFECT FOL INFUS/INJ/VAC (Begin 2007) (ICD9)
 V08 HIV POSITIVE NOS (Begin 1994) (ICD9)
 V09.0 INFEC-PENICILLIN-RESIST ORGS (Begin 1993) (ICD9)
 V09.1 INFEC-CEPHALOSPORIN-RESIST ORGS (Begin 1993) (ICD9)
 V09.2 INFEC-MACROLIDES-RESIST ORGS (Begin 1993) (ICD9)
 V09.3 INFEC-TETRACYCLINE-RESIST ORGS (Begin 1993) (ICD9)
 V09.4 INFEC-AMINOGLYCOSIDE-RESIST ORGS (Begin 1993) (ICD9)
 V09.50 INFEC-UNRESIST TO MULT QUINOLONES (Begin 1993) (ICD9)
 V09.51 INFEC-MULT QUINOLONES-RESIST ORGS (Begin 1993) (ICD9)
 V09.6 INFEC-SULFONAMIDES-RESIST ORGS (Begin 1993) (ICD9)
 V09.70 INFEC-NOT MULTI-ANTIMYCOBACT-RESIS (Begin 1993) (ICD9)
 V09.71 INFEC-MULTI-ANTIMYCOBAC-RESIS ORGS (Begin 1993) (ICD9)
 V09.80 INFEC-OTH ORGS NOT MULTIDRUG-RESIS (Begin 1993) (ICD9)
 V09.81 INFEC-OTH MULTI-DRUG-RESIST ORGS (Begin 1993) (ICD9)
 V09.90 INFEC-UNSP ORGS NOT MULTIDRUG-RESIS (Begin 1993) (ICD9)
 V09.91 INFEC-UNSPEC MULTIDRUG-RESIST ORGS (Begin 1993) (ICD9)

A00.0 Cholera due to *Vibrio cholerae* 01, biovar cholerae (ICD10)
 A00.1 Cholera due to *Vibrio cholerae* 01, biovar eltor (ICD10)
 A00.9 Cholera, unspecified (ICD10)
 A01.0 Typhoid fever (ICD10)
 A01.1 Paratyphoid fever A (ICD10)
 A01.2 Paratyphoid fever B (ICD10)
 A01.3 Paratyphoid fever C (ICD10)
 A01.4 Paratyphoid fever, unspecified (ICD10)
 A02.0 Salmonella enteritis (ICD10)
 A02.1 Salmonella sepsis (ICD10)
 A02.2+ Localised salmonella infections (ICD10)
 A02.8 Other specified salmonella infections (ICD10)
 A02.9 Salmonella infection, unspecified (ICD10)
 A03.0 Shigellosis due to *Shigella dysenteriae* (ICD10)
 A03.1 Shigellosis due to *Shigella flexneri* (ICD10)
 A03.2 Shigellosis due to *Shigella boydii* (ICD10)
 A03.3 Shigellosis due to *Shigella sonnei* (ICD10)
 A03.8 Other shigellosis (ICD10)
 A03.9 Shigellosis, unspecified (ICD10)
 A04.0 Enteropathogenic *Escherichia coli* infection (ICD10)
 A04.1 Enterotoxigenic *Escherichia coli* infection (ICD10)
 A04.2 Enteroinvasive *Escherichia coli* infection (ICD10)
 A04.3 Enterohemorrhagic *Escherichia coli* infection (ICD10)
 A04.4 Other intestinal *Escherichia coli* infections (ICD10)
 A04.5 *Campylobacter* enteritis (ICD10)
 A04.6 Enteritis due to *Yersinia enterocolitica* (ICD10)
 A04.7 Enterocolitis due to *Clostridium difficile* (ICD10)
 A04.8 Other specified bacterial intestinal infections (ICD10)
 A04.9 Bacterial intestinal infection, unspecified (ICD10)
 A05.0 Foodborne staphylococcal intoxication (ICD10)
 A05.1 Botulism food poisoning (ICD10)
 A05.2 Foodborne *Clostridium perfringens* [*Clostridium welchii*] intoxication (ICD10)
 A05.3 Foodborne *Vibrio parahaemolyticus* intoxication (ICD10)
 A05.4 Foodborne *Bacillus cereus* intoxication (ICD10)
 A05.8 Other specified bacterial foodborne intoxications (ICD10)
 A05.9 Bacterial foodborne intoxication, unspecified (ICD10)
 A06.0 Acute amebic dysentery (ICD10)
 A06.1 Chronic intestinal amebiasis (ICD10)

A06.2 Amebic nondysenteric colitis (ICD10)
 A06.3 Amoeboma of intestine (ICD10)
 A06.4 Amebic liver abscess (ICD10)
 A06.5+ Amebic lung abscess (ICD10)
 A06.6+ Amebic brain abscess (ICD10)
 A06.7 Cutaneous amebiasis (ICD10)
 A06.8 Amoebic infection of other sites (ICD10)
 A06.9 Amebiasis, unspecified (ICD10)
 A07.0 Balantidiasis (ICD10)
 A07.1 Giardiasis [lambliasis] (ICD10)
 A07.2 Cryptosporidiosis (ICD10)
 A07.3 Isosporiasis (ICD10)
 A07.8 Other specified protozoal intestinal diseases (ICD10)
 A07.9 Protozoal intestinal disease, unspecified (ICD10)
 A08.0 Rotaviral enteritis (ICD10)
 A08.1 Acute gastroenteropathy due to Norwalk agent (ICD10)
 A08.2 Adenoviral enteritis (ICD10)
 A08.3 Other viral enteritis (ICD10)
 A08.4 Viral intestinal infection, unspecified
 A08.5 Other specified intestinal infections (ICD10)
 A09 Infectious gastroenteritis and colitis, unspecified (ICD10)
 A09.0 Other and unspecified gastroenteritis and colitis of infectious origin
 A09.9 Gastroenteritis and colitis of unspecified origin
 A15.0 Tuberculosis of lung (ICD10)
 A15.1 Tuberculosis of lung, confirmed by culture only (ICD10)
 A15.2 Tuberculosis of lung, confirmed histologically (ICD10)
 A15.3 Tuberculosis of lung, confirmed by unspecified means (ICD10)
 A15.4 Tuberculosis of intrathoracic lymph nodes (ICD10)
 A15.5 Tuberculosis of larynx, trachea and bronchus (ICD10)
 A15.6 Tuberculous pleurisy (ICD10)
 A15.7 Primary respiratory tuberculosis (ICD10)
 A15.8 Other respiratory tuberculosis (ICD10)
 A15.9 Respiratory tuberculosis unspecified, confirmed bacteriologically and histologically (ICD10)
 A16.0 Tuberculosis of lung, bacteriologically and histologically negative
 A16.1 Tuberculosis of lung, bacteriological and histological examination not done (ICD10)
 A16.2 Tuberculosis of lung, without mention of bacteriological or histological confirmation (ICD10)
 A16.3 Tuberculosis of intrathoracic lymph nodes, without mention of bacteriological or histological confir (ICD10)
 A16.4 Tuberculosis of larynx, trachea and bronchus, without mention of bacteriological or histological con (ICD10)
 A16.5 Tuberculous pleurisy, without mention of bacteriological or histological confirmation (ICD10)
 A16.7 Primary respiratory tuberculosis without mention of bacteriological or histological confirmation (ICD10)
 A16.8 Other respiratory tuberculosis, without mention of bacteriological or histological confirmation (ICD10)
 A16.9 Respiratory tuberculosis unspecified, without mention of bacteriological or histological confirmation
 A17.0+ Tuberculous meningitis (ICD10)
 A17.1+ Meningeal tuberculoma (ICD10)
 A17.8+ Other tuberculosis of nervous system (ICD10)
 A17.9+ Tuberculosis of nervous system, unspecified (ICD10)
 A18.0+ Tuberculosis of bones and joints (ICD10)
 A18.1 Tuberculosis of genitourinary system (ICD10)
 A18.1+ Tuberculosis of genitourinary system (ICD10)
 A18.2 Tuberculous peripheral lymphadenopathy (ICD10)
 A18.3+ (no description found)
 A18.4 Tuberculosis of skin and subcutaneous tissue (ICD10)
 A18.5+ Tuberculosis of eye (ICD10)
 A18.6+ Tuberculosis of (inner) (middle) ear (ICD10)
 A18.7+ Tuberculosis of adrenal glands (ICD10)
 A18.8+ Tuberculosis of other specified organs (ICD10)
 A19.0 Acute miliary tuberculosis of a single specified site
 A19.1 Acute miliary tuberculosis of multiple sites

A19.2 Acute miliary tuberculosis, unspecified (ICD10)
 A19.8 Other miliary tuberculosis (ICD10)
 A19.9 Miliary tuberculosis, unspecified (ICD10)
 A20.0 Bubonic plague (ICD10)
 A20.1 Cellulocutaneous plague (ICD10)
 A20.2 Pneumonic plague (ICD10)
 A20.3 Plague meningitis
 A20.7 Septicemic plague (ICD10)
 A20.8 Other forms of plague (ICD10)
 A20.9 Plague, unspecified (ICD10)
 A21.0 Ulceroglandular tularemia (ICD10)
 A21.1 Oculoglandular tularemia (ICD10)
 A21.2 Pulmonary tularemia (ICD10)
 A21.3 Gastrointestinal tularemia (ICD10)
 A21.7 Generalized tularaemia
 A21.8 Other forms of tularemia (ICD10)
 A21.9 Tularemia, unspecified (ICD10)
 A22.0 Cutaneous anthrax (ICD10)
 A22.1 Pulmonary anthrax (ICD10)
 A22.2 Gastrointestinal anthrax (ICD10)
 A22.7 Anthrax sepsis (ICD10)
 A22.8 Other forms of anthrax (ICD10)
 A22.9 Anthrax, unspecified (ICD10)
 A23.0 Brucellosis due to *Brucella melitensis* (ICD10)
 A23.1 Brucellosis due to *Brucella abortus* (ICD10)
 A23.2 Brucellosis due to *Brucella suis* (ICD10)
 A23.3 Brucellosis due to *Brucella canis* (ICD10)
 A23.8 Other brucellosis (ICD10)
 A23.9 Brucellosis, unspecified (ICD10)
 A24.0 Glanders (ICD10)
 A24.1 Acute and fulminating melioidosis
 A24.2 Subacute and chronic melioidosis
 A24.3 Other melioidosis
 A24.4 Melioidosis, unspecified (ICD10)
 A25.0 Spirillosis (ICD10)
 A25.1 Streptobacillosis (ICD10)
 A25.9 Rat-bite fever, unspecified (ICD10)
 A26.0 Cutaneous erysipeloid
 A26.7 Erysipelothrix sepsis
 A26.8 Other forms of erysipeloid
 A26.9 Erysipeloid, unspecified (ICD10)
 A27.0 Leptospirosis icterohemorrhagica (ICD10)
 A27.8 Other forms of leptospirosis (ICD10)
 A27.9 Leptospirosis, unspecified (ICD10)
 A28.0 Pasteurellosis (ICD10)
 A28.1 Cat-scratch disease (ICD10)
 A28.2 Extraintestinal yersiniosis
 A28.8 Other specified zoonotic bacterial diseases, not elsewhere classified (ICD10)
 A28.9 Zoonotic bacterial disease, unspecified (ICD10)
 A30.0 Indeterminate leprosy (ICD10)
 A30.1 Tuberculoid leprosy (ICD10)
 A30.2 Borderline tuberculoid leprosy
 A30.3 Borderline leprosy (ICD10)
 A30.4 Borderline lepromatous leprosy
 A30.5 Lepromatous leprosy (ICD10)
 A30.8 Other forms of leprosy (ICD10)
 A30.9 Leprosy, unspecified (ICD10)
 A31.0 Pulmonary mycobacterial infection (ICD10)
 A31.1 Cutaneous mycobacterial infection (ICD10)
 A31.8 Other mycobacterial infections (ICD10)

A31.9 Mycobacterial infection, unspecified (ICD10)
 A32.0 Cutaneous listeriosis
 A32.1 Listerial meningitis and meningoencephalitis
 A32.7 Listerial sepsis
 A32.8 Other forms of listeriosis
 A32.9 Listeriosis, unspecified (ICD10)
 A33 Tetanus neonatorum (ICD10)
 A34 Obstetrical tetanus
 A35 Other tetanus (ICD10)
 A36.0 Pharyngeal diphtheria (ICD10)
 A36.1 Nasopharyngeal diphtheria (ICD10)
 A36.2 Laryngeal diphtheria (ICD10)
 A36.3 Cutaneous diphtheria (ICD10)
 A36.8 Other diphtheria (ICD10)
 A36.8+ (no description found)
 A36.9 Diphtheria, unspecified (ICD10)
 A37.0 Whooping cough due to Bordetella pertussis (ICD10)
 A37.1 Whooping cough due to Bordetella parapertussis (ICD10)
 A37.8 Whooping cough due to other Bordetella species (ICD10)
 A37.9 Whooping cough, unspecified (ICD10)
 A38 Scarlet fever (ICD10)
 A39.0+ Meningococcal meningitis (ICD10)
 A39.1+ Waterhouse-Friderichsen syndrome (ICD10)
 A39.2 Acute meningococcaemia
 A39.3 Chronic meningococcaemia
 A39.4 Meningococemia, unspecified (ICD10)
 A39.5 Meningococcal heart disease
 A39.8 Other meningococcal infections (ICD10)
 A39.8+Other meningococcal infections
 A39.9 Meningococcal infection, unspecified (ICD10)
 A40.0 Sepsis due to streptococcus, group A
 A40.1 Sepsis due to streptococcus, group B
 A40.2 Sepsis due to streptococcus, group D
 A40.3 Sepsis due to Streptococcus pneumoniae (ICD10)
 A40.8 Other streptococcal sepsis
 A40.9 Streptococcal sepsis, unspecified (ICD10)
 A41.0 Sepsis due to Staphylococcus aureus
 A41.1 Sepsis due to other specified staphylococcus
 A41.2 Sepsis due to unspecified staphylococcus (ICD10)
 A41.3 Sepsis due to Hemophilus influenzae (ICD10)
 A41.4 Sepsis due to anaerobes (ICD10)
 A41.51 Sepsis due to Escherichia coli [E. Coli] (ICD10)
 A41.52 Sepsis due to Pseudomonas (ICD10)
 A41.58 Sepsis due to other Gram-negative organisms (ICD10)
 A41.8 Other specified septicaemia (ICD10)
 A41.9 Sepsis, unspecified (ICD10)
 A42.0 Pulmonary actinomycosis (ICD10)
 A42.1 Abdominal actinomycosis (ICD10)
 A42.2 Cervicofacial actinomycosis (ICD10)
 A42.7 Actinomycotic sepsis
 A42.8 Other forms of actinomycosis (ICD10)
 A42.9 Actinomycosis, unspecified (ICD10)
 A43.0 Pulmonary nocardiosis
 A43.1 Cutaneous nocardiosis
 A43.8 Other forms of nocardiosis
 A43.9 Nocardiosis, unspecified
 A44.0 Systemic bartonellosis
 A44.1 Cutaneous and mucocutaneous bartonellosis
 A44.8 Other forms of bartonellosis
 A44.9 Bartonellosis, unspecified (ICD10)

A46 Erysipelas (ICD10)
 A48.0 Gas gangrene (ICD10)
 A48.1 Legionnaires disease
 A48.2 Nonpneumonic Legionnaires disease
 A48.3 Toxic shock syndrome
 A48.4 Brazilian purpuric fever
 A48.8 Other specified bacterial diseases (ICD10)
 A49.0 Staphylococcal infection, unspecified site
 A49.1 Streptococcal infection, unspecified site
 A49.2 Haemophilus influenza infection, unspecified site
 A49.3 Mycoplasma infection, unspecified site
 A49.8 Other bacterial infections of unspecified site
 A49.9 Bacterial infection, unspecified (ICD10)
 A50.0 Early congenital syphilis, symptomatic (ICD10)
 A50.1 Early congenital syphilis, latent (ICD10)
 A50.2 Early congenital syphilis, unspecified (ICD10)
 A50.3 Late congenital syphilitic ophthalmopathy (ICD10)
 A50.4 Late congenital neurosyphilis [juvenile neurosyphilis] (ICD10)
 A50.5 Other late congenital syphilis, symptomatic (ICD10)
 A50.6 Late congenital syphilis, latent (ICD10)
 A50.7 Late congenital syphilis, unspecified (ICD10)
 A50.9 Congenital syphilis, unspecified (ICD10)
 A51.0 Primary genital syphilis (ICD10)
 A51.1 Primary anal syphilis (ICD10)
 A51.2 Primary syphilis of other sites (ICD10)
 A51.3 Secondary syphilis of skin and mucous membranes (ICD10)
 A51.3+ (no description found)
 A51.4 Other secondary syphilis (ICD10)
 A51.5 Early syphilis, latent (ICD10)
 A51.9 Early syphilis, unspecified
 A52.0+ Cardiovascular syphilis (I98.0*) (ICD10)
 A52.1 Symptomatic neurosyphilis (ICD10)
 A52.1+ (no description found)
 A52.2 Asymptomatic neurosyphilis (ICD10)
 A52.3 Neurosyphilis, unspecified
 A52.7 Other symptomatic late syphilis (ICD10)
 A52.7+ (no description found)
 A52.8 Late syphilis, latent (ICD10)
 A52.9 Late syphilis, unspecified (ICD10)
 A53.0 Latent syphilis, unspecified as early or late (ICD10)
 A53.9 Syphilis, unspecified (ICD10)
 A54.0 Gonococcal infection of lower genitourinary tract without periurethral or accessory gland abscess (ICD10)
 A54.1 Gonococcal infection of lower genitourinary tract with periurethral and accessory gland abscess (ICD10)
 A54.2+ Gonococcal pelviperitonitis and other gonococcal genitourinary infections (ICD10)
 A54.3 Gonococcal infection of eye (ICD10)
 A54.3+ (no description found)
 A54.4+ Gonococcal infection of musculoskeletal system (ICD10)
 A54.5 Gonococcal pharyngitis (ICD10)
 A54.6 Gonococcal infection of anus and rectum (ICD10)
 A54.8 Other gonococcal infections (ICD10)
 A54.8+ (no description found)
 A54.9 Gonococcal infection, unspecified
 A55 Chlamydial lymphogranuloma (venereum) (ICD10)
 A56.0 Chlamydial infection of lower genitourinary tract (ICD10)
 A56.1 Chlamydial infection of pelviperitoneum and other genitourinary organs (ICD10)
 A56.2 Chlamydial infection of genitourinary tract, unspecified (ICD10)
 A56.3 Chlamydial infection of anus and rectum (ICD10)
 A56.4 Chlamydial infection of pharynx (ICD10)
 A56.8 Sexually transmitted chlamydial infection of other sites (ICD10)

A57 Chancroid (ICD10)
 A58 Granuloma inguinale (ICD10)
 A59.0 Urogenital trichomoniasis (ICD10)
 A59.0+ (no description found)
 A59.8 Trichomoniasis of other sites (ICD10)
 A59.9 Trichomoniasis, unspecified (ICD10)
 A60.0 Herpesviral infection of genitalia and urogenital tract (ICD10)
 A60.1 Herpesviral infection of perianal skin and rectum
 A60.9 Anogenital herpesviral infection, unspcified
 A63.0 Anogenital (venereal) warts (ICD10)
 A63.8 Other specified predominantly sexually transmitted diseases (ICD10)
 A64 Unspecified sexually transmitted disease (ICD10)
 A65 Nonvenereal syphilis (ICD10)
 A66.0 Initial lesions of yaws (ICD10)
 A66.1 Multiple papillomata and wet crab yaws (ICD10)
 A66.2 Other early skin lesions of yaws (ICD10)
 A66.3 Hyperkeratosis of yaws (ICD10)
 A66.4 Gummata and ulcers of yaws (ICD10)
 A66.5 Gangosa (ICD10)
 A66.6 Bone and joint lesions of yaws (ICD10)
 A66.7 Other manifestations of yaws (ICD10)
 A66.8 Latent yaws (ICD10)
 A66.9 Yaws, unspecified (ICD10)
 A67.0 Primary lesions of pinta (ICD10)
 A67.1 Intermediate lesions of pinta (ICD10)
 A67.2 Late lesions of pinta
 A67.3 Mixed lesions of pinta (ICD10)
 A67.9 Pinta, unspecified (ICD10)
 A68.0 Louse-borne relapsing fever (ICD10)
 A68.1 Tick-borne relapsing fever (ICD10)
 A68.9 Relapsing fever, unspecified (ICD10)
 A69.0 Necrotizing ulcerative stomatitis
 A69.1 Other Vincents infections (ICD10)
 A69.2 Lyme disease (ICD10)
 A69.8 Other specified spirochetal infections (ICD10)
 A69.9 Spirochetal infection, unspecified (ICD10)
 A70 Chlamydia psittaci infections (ICD10)
 A70+ (no description found)
 A71.0 Initial stage of trachoma (ICD10)
 A71.1 Active stage of trachoma (ICD10)
 A71.9 Trachoma, unspecified (ICD10)
 A74.0+ Chlamydial conjunctivitis (ICD10)
 A74.8 Other chlamydial diseases (ICD10)
 A74.8+ (no description found)
 A74.9 Chlamydial infection, unspecified (ICD10)
 A75.0 Epidemic louse-borne typhus fever due to Rickettsia prowazekii
 A75.1 Recrudescant typhus [Brills disease] (ICD10)
 A75.2 Typhus fever due to Rickettsia typhi (ICD10)
 A75.3 Typhus fever due to Rickettsia tsutsugamushi (ICD10)
 A75.9 Typhus fever, unspecified (ICD10)
 A77.0 Spotted fever due to Rickettsia rickettsii (ICD10)
 A77.1 Spotted fever due to Rickettsia conorii (ICD10)
 A77.2 Spotted fever due to Rickettsia siberica (ICD10)
 A77.3 Spotted fever due to Rickettsia australis (ICD10)
 A77.8 Other spotted fevers (ICD10)
 A77.9 Spotted fever, unspecified (ICD10)
 A78 Q fever (ICD10)
 A79.0 Trench fever (ICD10)
 A79.1 Rickettsialpox due to Rickettsia akari (ICD10)
 A79.8 Other specified rickettsioses (ICD10)

A79.9 Rickettsiosis, unspecified (ICD10)
 A80.1 Acute paralytic poliomyelitis, wild virus, imported
 A80.2 Acute paralytic poliomyelitis, wild virus, indigenous
 A80.3 Acute paralytic poliomyelitis, other and unspecified (ICD10)
 A80.4 Acute nonparalytic poliomyelitis (ICD10)
 A80.9 Acute poliomyelitis, unspecified (ICD10)
 A81.0 Creutzfeldt-Jakob disease (ICD10)
 A81.1 Subacute sclerosing panencephalitis (ICD10)
 A81.2 Progressive multifocal leukoencephalopathy (ICD10)
 A81.8 Other atypical virus infections of central nervous system (ICD10)
 A81.9 Atypical virus infection of central nervous system, unspecified
 A82.0 Sylvatic rabies
 A82.1 Urban rabies
 A82.9 Rabies, unspecified (ICD10)
 A83.0 Japanese encephalitis (ICD10)
 A83.1 Western equine encephalitis (ICD10)
 A83.2 Eastern equine encephalitis (ICD10)
 A83.3 St Louis encephalitis (ICD10)
 A83.4 Australian encephalitis (ICD10)
 A83.5 California encephalitis (ICD10)
 A83.6 Rocio virus disease
 A83.8 Other mosquito-borne viral encephalitis (ICD10)
 A83.9 Mosquito-borne viral encephalitis, unspecified (ICD10)
 A84.0 Far Eastern tick-borne encephalitis [Russian spring-summer encephalitis] (ICD10)
 A84.1 Central European tick-borne encephalitis (ICD10)
 A84.8 Other tick-borne viral encephalitis (ICD10)
 A84.9 Tick-borne viral encephalitis, unspecified (ICD10)
 A85.0 Enteroviral encephalitis
 A85.1 Adenoviral encephalitis
 A85.2 Arthropod-borne viral encephalitis, unspecified (ICD10)
 A85.8 Other specified viral encephalitis
 A86 Unspecified viral encephalitis
 A87.0+ Enteroviral meningitis (ICD10)
 A87.1+ Adenoviral meningitis (ICD10)
 A87.2 Lymphocytic choriomeningitis (ICD10)
 A87.8 Other viral meningitis
 A87.9 Viral meningitis, unspecified
 A88.0 Enteroviral exanthematous fever
 A88.8 Other specified viral infections of central nervous system (ICD10)
 A89 Unspecified viral infection of central nervous system (ICD10)
 A90 Dengue fever [classical dengue] (ICD10)
 A91 Dengue haemorrhagic fever
 A92.0 Chikungunya virus disease
 A92.1 O'nyong-nyong fever
 A92.2 Venezuelan equine fever (ICD10)
 A92.3 West Nile virus infection
 A92.4 Rift Valley fever
 A92.8 Other specified mosquito-borne viral fevers (ICD10)
 A92.9 Mosquito-borne viral fever, unspecified
 A93.0 Oropouche virus disease
 A93.1 Sandfly fever (ICD10)
 A93.2 Colorado tick fever (ICD10)
 A93.8 Other specified arthropod-borne viral fevers (ICD10)
 A94 Unspecified arthropod-borne viral fever (ICD10)
 A95.0 Sylvatic yellow fever (ICD10)
 A95.1 Urban yellow fever (ICD10)
 A95.9 Yellow fever, unspecified (ICD10)
 A96.0 Junin haemorrhagic fever
 A96.1 Machupo haemorrhagic fever
 A96.2 Lassa fever

A96.8 Other arenaviral hemorrhagic fevers (ICD10)
 A96.9 Arenaviral haemorrhagic fever, unspecified
 A98.0 Crimean-Congo hemorrhagic fever (ICD10)
 A98.1 Omsk hemorrhagic fever (ICD10)
 A98.2 Kyasanur Forest disease (ICD10)
 A98.3 Marburg virus disease
 A98.4 Ebola virus disease
 A98.5 Hemorrhagic fever with renal syndrome (ICD10)
 A98.8 Other specified viral haemorrhagic fevers
 A99 Unspecified viral haemorrhagic fever
 B00.0 Eczema herpeticum (ICD10)
 B00.1 Herpesviral vesicular dermatitis (ICD10)
 B00.2 Herpesviral gingivostomatitis and pharyngotonsillitis (ICD10)
 B00.3+ Herpesviral meningitis (ICD10)
 B00.4+ Herpesviral encephalitis (ICD10)
 B00.5+ Herpesviral ocular disease (ICD10)
 B00.7 Disseminated herpesviral disease (ICD10)
 B00.8 Other forms of herpesviral infection (ICD10)
 B00.9 Herpesviral infection, unspecified (ICD10)
 B01.0 Varicella meningitis
 B01.1+ Varicella encephalitis (G05.1*) (ICD10)
 B01.2+ Varicella pneumonia (ICD10)
 B01.8 Varicella with other complications (ICD10)
 B01.9 Varicella without complication (ICD10)
 B02.0 Zoster encephalitis
 B02.1+ Zoster meningitis (ICD10)
 B02.2+ Zoster with other nervous system involvement (ICD10)
 B02.3+ Zoster ocular disease (ICD10)
 B02.7 Disseminated zoster
 B02.8 Zoster with other complications (ICD10)
 B02.9 Zoster without complications (ICD10)
 B03 Smallpox (ICD10)
 B04 Monkeypox
 B05.0+ Measles complicated by encephalitis (ICD10)
 B05.1 Measles complicated by meningitis
 B05.2+ Measles complicated by pneumonia (ICD10)
 B05.3+ Measles complicated by otitis media (ICD10)
 B05.4 Measles with intestinal complications
 B05.8 Measles with other complications (ICD10)
 B05.9 Measles without complication (ICD10)
 B06.0+ Rubella with neurological complications (ICD10)
 B06.8 Rubella with other complications (ICD10)
 B06.9 Rubella without complication (ICD10)
 B07 Viral warts (ICD10)
 B08.0 Other orthopoxvirus infections (ICD10)
 B08.1 Molluscum contagiosum (ICD10)
 B08.2 Exanthema subitum [sixth disease]
 B08.3 Erythema infectiosum [fifth disease] (ICD10)
 B08.4 Enteroviral vesicular stomatitis with exanthem (ICD10)
 B08.5 Enteroviral vesicular pharyngitis (ICD10)
 B08.8 Other specified viral infections characterized by skin and mucous membrane lesions (ICD10)
 B09 Unspecified viral infection characterized by skin and mucous membrane lesions (ICD10)
 B15.0 Hepatitis A with hepatic coma (ICD10)
 B15.9 Hepatitis A without hepatic coma (ICD10)
 B16.0 Acute hepatitis B with delta-agent with hepatic coma (ICD10)
 B16.1 Acute hepatitis B with delta-agent without hepatic coma (ICD10)
 B16.2 Acute hepatitis B without delta-agent with hepatic coma (ICD10)
 B16.9 Acute hepatitis B without delta-agent and without hepatic coma
 B17.0 Acute delta-(super) infection of hepatitis B carrier (ICD10)
 B17.1 Acute hepatitis C (ICD10)

B17.2 Acute hepatitis E (ICD10)
 B17.8 Other specified acute viral hepatitis (ICD10)
 B17.9 Acute viral hepatitis, unspecified
 B18.0 Chronic viral hepatitis B with delta-agent (ICD10)
 B18.1 Chronic viral hepatitis B without delta-agent (ICD10)
 B18.2 Chronic viral hepatitis C (ICD10)
 B18.8 Other chronic viral hepatitis
 B18.9 Chronic viral hepatitis, unspecified
 B19.0 Unspecified viral hepatitis with hepatic coma (ICD10)
 B19.9 Unspecified viral hepatitis without hepatic coma (ICD10)
 B20.0 HIV disease resulting in mycobacterial infection
 B20.1 HIV disease resulting in other bacterial infections
 B20.2 HIV disease resulting in cytomegaloviral disease
 B20.3 HIV disease resulting in other viral infections
 B20.4 HIV disease resulting in candidiasis
 B20.5 HIV disease resulting in other mycoses
 B20.6 HIV disease resulting in Pneumocystis jirovecii pneumonia
 B20.7 HIV disease resulting in multiple infections
 B20.8 HIV disease resulting in other infectious and parasitic diseases
 B20.9 HIV disease resulting in unspecified infectious or parasitic disease
 B21.0 HIV disease resulting in Kaposi sarcoma
 B21.1 HIV disease resulting in Burkitt lymphoma
 B21.2 HIV disease resulting in other types of non-Hodgkin lymphoma
 B21.3 HIV disease resulting in other malignant neoplasms of lymphoid, haematopoietic and related tissue
 B21.7 HIV disease resulting in multiple malignant neoplasms
 B21.8 HIV disease resulting in other malignant neoplasms
 B21.9 HIV disease resulting in unspecified malignant neoplasm
 B22.0 HIV disease resulting in encephalopathy
 B22.1 HIV disease resulting in lymphoid interstitial pneumonitis
 B22.2 HIV disease resulting in wasting syndrome
 B22.7 HIV disease resulting in multiple diseases classified elsewhere
 B23.0 Acute HIV infection syndrome
 B23.1 HIV disease resulting in (persistent) generalized lymphadenopathy
 B23.2 HIV disease resulting in haematological and immunological abnormalities, not elsewhere classified
 B23.8 HIV disease resulting in other specified conditions
 B24 Unspecified human immunodeficiency virus [HIV] disease (ICD10)
 B25.0 Cytomegaloviral pneumonitis
 B25.1 Cytomegaloviral hepatitis
 B25.2 Cytomegaloviral pancreatitis
 B25.8 Other cytomegaloviral diseases
 B25.9 Cytomegaloviral disease, unspecified (ICD10)
 B26.0+ Mumps orchitis (ICD10)
 B26.1+ Mumps meningitis (ICD10)
 B26.2+ Mumps encephalitis (ICD10)
 B26.3+ Mumps pancreatitis (ICD10)
 B26.8 Mumps with other complications (ICD10)
 B26.8+ (no description found)
 B26.9 Mumps without complication (ICD10)
 B27.0 Gammaherpesviral mononucleosis
 B27.1 Cytomegaloviral mononucleosis
 B27.8 Other infectious mononucleosis
 B27.9 Infectious mononucleosis, unspecified (ICD10)
 B30.0+ Keratoconjunctivitis due to adenovirus (ICD10)
 B30.1+ Conjunctivitis due to adenovirus (ICD10)
 B30.2+ (no description found)
 B30.3+ Acute epidemic hemorrhagic conjunctivitis (enteroviral)
 B30.8+ Other viral conjunctivitis (ICD10)
 B30.9 Viral conjunctivitis, unspecified
 B33.0 Epidemic myalgia (ICD10)
 B33.1 Ross River disease

B33.2 Viral carditis
 B33.3 Retrovirus infections, not elsewhere classified (ICD10)
 B33.4 Hantavirus (cardio-) pulmonary syndrome
 B33.8 Other specified viral diseases (ICD10)
 B34.0 Adenovirus infection, unspecified (ICD10)
 B34.1 Enterovirus infection, unspecified (ICD10)
 B34.2 Coronavirus infection, unspecified site
 B34.3 Parvovirus infection, unspecified site
 B34.4 Papovavirus infection, unspecified (ICD10)
 B34.8 Other viral infections of unspecified site (ICD10)
 B34.9 Viral infection, unspecified (ICD10)
 B35.0 Tinea barbae and tinea capitis (ICD10)
 B35.1 Tinea unguium (ICD10)
 B35.2 Tinea manuum (ICD10)
 B35.3 Tinea pedis (ICD10)
 B35.4 Tinea corporis (ICD10)
 B35.5 Tinea imbricata
 B35.6 Tinea cruris (ICD10)
 B35.8 Other dermatophytoses (ICD10)
 B35.9 Dermatophytosis, unspecified (ICD10)
 B36.0 Pityriasis versicolor (ICD10)
 B36.1 Tinea nigra (ICD10)
 B36.2 White piedra (ICD10)
 B36.3 Black piedra (ICD10)
 B36.8 Other specified superficial mycoses (ICD10)
 B36.9 Superficial mycosis, unspecified (ICD10)
 B37.0 Candidal stomatitis (ICD10)
 B37.1 Pulmonary candidiasis (ICD10)
 B37.2 Candidiasis of skin and nail (ICD10)
 B37.3+ Candidiasis of vulva and vagina (ICD10)
 B37.4+ Candidiasis of other urogenital sites (ICD10)
 B37.5+ Candidal meningitis (ICD10)
 B37.6 Candidal endocarditis
 B37.7 Candidal sepsis
 B37.81 Candidal oesophagitis (ICD10)
 B37.88 Candidiasis of other sites (ICD10)
 B37.9 Candidiasis, unspecified (ICD10)
 B38.0 Acute pulmonary coccidioidomycosis (ICD10)
 B38.1 Chronic pulmonary coccidioidomycosis (ICD10)
 B38.2 Pulmonary coccidioidomycosis, unspecified (ICD10)
 B38.3 Cutaneous coccidioidomycosis (ICD10)
 B38.4+ Coccidioidomycosis meningitis (ICD10)
 B38.7 Disseminated coccidioidomycosis
 B38.8 Other forms of coccidioidomycosis (ICD10)
 B38.9 Coccidioidomycosis, unspecified (ICD10)
 B39.0 Acute pulmonary histoplasmosis capsulati
 B39.1 Chronic pulmonary histoplasmosis capsulati
 B39.2 Pulmonary histoplasmosis capsulati, unspecified (ICD10)
 B39.3 Disseminated histoplasmosis capsulati
 B39.4 Histoplasmosis capsulati, unspecified (ICD10)
 B39.5 Histoplasmosis duboisii (ICD10)
 B39.9 Histoplasmosis, unspecified (ICD10)
 B40.0 Acute pulmonary blastomycosis
 B40.1 Chronic pulmonary blastomycosis
 B40.2 Pulmonary blastomycosis, unspecified
 B40.3 Cutaneous blastomycosis
 B40.7 Disseminated blastomycosis
 B40.8 Other forms of blastomycosis
 B40.9 Blastomycosis, unspecified (ICD10)
 B41.0 Pulmonary paracoccidioidomycosis

B41.7 Disseminated paracoccidioidomycosis
 B41.8 Other forms of paracoccidioidomycosis
 B41.9 Paracoccidioidomycosis, unspecified (ICD10)
 B42.0+ Pulmonary sporotrichosis (ICD10)
 B42.1 Lymphocutaneous sporotrichosis
 B42.7 Disseminated sporotrichosis
 B42.8 Other forms of sporotrichosis
 B42.9 Sporotrichosis, unspecified
 B43.0 Cutaneous chromomycosis
 B43.1 Phaeomycotic brain abscess
 B43.2 Subcutaneous phaeomycotic abscess and cyst
 B43.8 Other forms of chromomycosis
 B43.9 Chromomycosis, unspecified (ICD10)
 B44.0 Invasive pulmonary aspergillosis
 B44.1 Other pulmonary aspergillosis
 B44.2 Tonsillary aspergillosis
 B44.7 Disseminated aspergillosis
 B44.8 Other forms of aspergillosis
 B44.9 Aspergillosis, unspecified (ICD10)
 B45.0 Pulmonary cryptococcosis
 B45.1 Cerebral cryptococcosis
 B45.2 Cutaneous cryptococcosis
 B45.3 Osseous cryptococcosis
 B45.7 Disseminated cryptococcosis
 B45.8 Other forms of cryptococcosis
 B45.9 Cryptococcosis, unspecified (ICD10)
 B46.0 Pulmonary mucormycosis
 B46.1 Rhinocerebral mucormycosis
 B46.2 Gastrointestinal mucormycosis
 B46.3 Cutaneous mucormycosis
 B46.4 Disseminated mucormycosis
 B46.5 Mucormycosis, unspecified
 B46.8 Other zygomycoses
 B46.9 Zygomycosis, unspecified (ICD10)
 B47.0 Eumycetoma (ICD10)
 B47.1 Actinomycetoma
 B47.9 Mycetoma, unspecified (ICD10)
 B48.0 Lobomycosis (ICD10)
 B48.1 Rhinosporidiosis (ICD10)
 B48.2 Allescheriasis (ICD10)
 B48.3 Geotrichosis
 B48.4 Penicillosis
 B48.7 Opportunistic mycoses (ICD10)
 B48.8 Other specified mycoses (ICD10)
 B49 Unspecified mycosis
 B50.0 Plasmodium falciparum malaria with cerebral complications
 B50.8 Other severe and complicated Plasmodium falciparum malaria (ICD10)
 B50.9 Plasmodium falciparum malaria, unspecified (ICD10)
 B51.0 Plasmodium vivax malaria with rupture of spleen
 B51.8 Plasmodium vivax malaria with other complications
 B51.9 Plasmodium vivax malaria without complication (ICD10)
 B52.0 Plasmodium malariae malaria with nephropathy
 B52.8 Plasmodium malariae malaria with other complications
 B52.9 Plasmodium malariae malaria without complication (ICD10)
 B53.0 Plasmodium ovale malaria (ICD10)
 B53.1 Malaria due to simian plasmodia
 B53.8 Other malaria, not elsewhere classified (ICD10)
 B54 Unspecified malaria (ICD10)
 B55.0 Visceral leishmaniasis (ICD10)
 B55.1 Cutaneous leishmaniasis (ICD10)

B55.2 Mucocutaneous leishmaniasis (ICD10)
 B55.9 Leishmaniasis, unspecified (ICD10)
 B56.0 Gambiense trypanosomiasis (ICD10)
 B56.1 Rhodsiense trypanosomiasis (ICD10)
 B56.9 African trypanosomiasis, unspecified (ICD10)
 B57.0 Acute Chagas disease with heart involvement
 B57.1 Acute Chagas disease without heart involvement (ICD10)
 B57.2 Chagas disease (chronic) with heart involvement (ICD10)
 B57.3 Chagas disease (chronic) with digestive system involvement
 B57.4 Chagas disease (chronic) with nervous system involvement
 B57.5 Chagas disease (chronic) with other organ involvement (ICD10)
 B58.0+ Toxoplasma oculopathy (ICD10)
 B58.1+ Toxoplasma hepatitis (ICD10)
 B58.2+ Toxoplasma meningoencephalitis (ICD10)
 B58.3+ Pulmonary toxoplasmosis (ICD10)
 B58.8 Toxoplasmosis with other organ involvement (ICD10)
 B58.9 Toxoplasmosis, unspecified (ICD10)
 B59 Pneumocystosis (ICD10)
 B60.0 Babesiosis (ICD10)
 B60.1 Acanthamoebiasis
 B60.2 Naegleriasis
 B60.8 Other specified protozoal diseases
 B64 Unspecified protozoal disease
 B65.0 Schistosomiasis due to *Schistosoma haematobium* [urinary schistosomiasis] (ICD10)
 B65.1 Schistosomiasis due to *Schistosoma mansoni* [intestinal schistosomiasis] (ICD10)
 B65.2 Schistosomiasis due to *Schistosoma japonicum* (ICD10)
 B65.3 Cercarial dermatitis (ICD10)
 B65.8 Other schistosomiasis (ICD10)
 B65.9 Schistosomiasis, unspecified (ICD10)
 B66.0 Opisthorchiasis (ICD10)
 B66.1 Clonorchiasis (ICD10)
 B66.2 Dicrocoeliasis
 B66.3 Fascioliasis (ICD10)
 B66.4 Paragonimiasis (ICD10)
 B66.5 Fasciolopsiasis (ICD10)
 B66.8 Other specified fluke infections (ICD10)
 B66.9 Fluke infection, unspecified (ICD10)
 B67.0 *Echinococcus granulosus* infection of liver (ICD10)
 B67.1 *Echinococcus granulosus* infection of lung (ICD10)
 B67.2 *Echinococcus granulosus* infection of bone
 B67.3 *Echinococcus granulosus* infection, other and multiple sites (ICD10)
 B67.3+ (no description found)
 B67.4 *Echinococcus granulosus* infection, unspecified (ICD10)
 B67.5 *Echinococcus multilocularis* infection of liver (ICD10)
 B67.6 *Echinococcus multilocularis* infection, other and multiple sites
 B67.7 *Echinococcus multilocularis* infection, unspecified (ICD10)
 B67.8 Echinococcosis, unspecified, of liver (ICD10)
 B67.9 Echinococcosis, other and unspecified (ICD10)
 B68.0 *Taenia solium* taeniasis (ICD10)
 B68.1 *Taenia saginata* taeniasis (ICD10)
 B68.9 Taeniasis, unspecified (ICD10)
 B69.0 Cysticercosis of central nervous system
 B69.1 Cysticercosis of eye
 B69.8 Cysticercosis of other sites
 B69.9 Cysticercosis, unspecified (ICD10)
 B70.0 Diphyllbothriasis (ICD10)
 B70.1 Sparganosis (ICD10)
 B71.0 Hymenolepiasis (ICD10)
 B71.1 Dipylidiasis
 B71.8 Other specified cestode infections (ICD10)

B71.9 Cestode infection, unspecified (ICD10)
 B72 Dracunculiasis (ICD10)
 B73 Onchocerciasis (ICD10)
 B74.0 Filariasis due to *Wuchereria bancrofti* (ICD10)
 B74.1 Filariasis due to *Brugia malayi* (ICD10)
 B74.2 Filariasis due to *Brugia timori*
 B74.3 Loiasis (ICD10)
 B74.4 Mansonelliasis (ICD10)
 B74.8 Other filariases (ICD10)
 B74.9 Filariasis, unspecified (ICD10)
 B75 Trichinellosis (ICD10)
 B76.0 Ancylostomiasis (ICD10)
 B76.1 Necatoriasis (ICD10)
 B76.8 Other hookworm diseases
 B76.9 Hookworm disease, unspecified
 B77.0 Ascariasis with intestinal complications
 B77.8 Ascariasis with other complications
 B77.9 Ascariasis, unspecified (ICD10)
 B78.0 Intestinal strongyloidiasis
 B78.1 Cutaneous strongyloidiasis
 B78.7 Disseminated strongyloidiasis
 B78.9 Strongyloidiasis, unspecified (ICD10)
 B79 Trichuriasis (ICD10)
 B80 Enterobiasis (ICD10)
 B81.0 Anisakiasis (ICD10)
 B81.1 Intestinal capillariasis (ICD10)
 B81.2 Trichostrongyliasis (ICD10)
 B81.3 Intestinal angiostrongyliasis
 B81.4 Mixed intestinal helminthiasis (ICD10)
 B81.8 Other specified intestinal helminthiasis (ICD10)
 B82.0 Intestinal helminthiasis, unspecified (ICD10)
 B82.9 Intestinal parasitism, unspecified (ICD10)
 B83.0 Visceral larva migrans (ICD10)
 B83.1 Gnathostomiasis (ICD10)
 B83.2 Angiostrongyliasis due to *Parastrongylus cantonensis*
 B83.3 Syngamiasis
 B83.4 Internal hirudiniasis
 B83.8 Other specified helminthiasis (ICD10)
 B83.9 Helminthiasis, unspecified (ICD10)
 B85.0 Pediculosis due to *Pediculus humanus capitis* (ICD10)
 B85.1 Pediculosis due to *Pediculus humanus corporis* (ICD10)
 B85.2 Pediculosis, unspecified (ICD10)
 B85.3 Phthiriasis (ICD10)
 B85.4 Mixed pediculosis and phthiriasis (ICD10)
 B86 Scabies (ICD10)
 B87.0 Cutaneous myiasis
 B87.1 Wound myiasis
 B87.2 Ocular myiasis
 B87.3 Nasopharyngeal myiasis
 B87.4 Aural myiasis
 B87.8 Myiasis of other sites
 B87.9 Myiasis, unspecified (ICD10)
 B88.0 Other acariasis (ICD10)
 B88.1 Tungiasis [sandflea infestation] (ICD10)
 B88.2 Other arthropod infestations (ICD10)
 B88.3 External hirudiniasis (ICD10)
 B88.8 Other specified infestations (ICD10)
 B88.9 Infestation, unspecified (ICD10)
 B89 Unspecified parasitic disease (ICD10)
 B95.0 Streptococcus, group A, as the cause of diseases classified elsewhere (ICD10)

B95.1 Streptococcus, group B, as the cause of diseases classified elsewhere (ICD10)
 B95.2 Streptococcus, group D, as the cause of diseases classified elsewhere (ICD10)
 B95.3 Streptococcus pneumonia as the cause of diseases classified elsewhere
 B95.41 Streptococcus, group C, as the cause of diseases classified to other chapters (ICD10)
 B95.42 Streptococcus, group G, as the cause of diseases classified to other chapters (ICD10)
 B95.48 Streptococcus, other specified group, as the cause of diseases classified to other chapters (ICD10)
 B95.5 Unspecified streptococcus as the cause of diseases classified to other chapters
 B95.6 Staphylococcus aureus as the cause of diseases classified elsewhere
 B95.7 Other staphylococcus as the cause of diseases classified elsewhere
 B95.8 Unspecified staphylococcus as the cause of diseases classified elsewhere (ICD10)
 B96.0 Mycoplasma pneumonia as the cause of diseases classified to other chapters
 B96.1 Klebsiella pneumonia as the cause of diseases classified to other chapters
 B96.2 Escherichia coli [E. coli] as the cause of diseases classified elsewhere (ICD10)
 B96.3 Hemophilus influenzae [H. influenzae] as the cause of diseases classified elsewhere (ICD10)
 B96.4 Proteus (mirabilis) (morganii) as the cause of diseases classified elsewhere (ICD10)
 B96.5 Pseudomonas (aeruginosa) (mallei) (pseudomallei) as the cause of diseases classified elsewhere (ICD10)
 B96.6 Bacteroides fragilis [B. fragilis] as the cause of diseases classified elsewhere (ICD10)
 B96.7 Clostridium perfringens [C. perfringens] as the cause of diseases classified elsewhere (ICD10)
 B96.81 Helicobacter pylori [H. pylori] as the cause of diseases classified to other chapters (ICD10)
 B96.88 Other and unspecified bacterial agents as the cause of diseases classified to other chapters (ICD10)
 B97.0 Adenovirus as the cause of diseases classified to other chapters
 B97.1 Enterovirus as the cause of diseases classified to other chapters
 B97.2 Coronavirus as the cause of diseases classified to other chapters
 B97.3 Retrovirus as the cause of diseases classified to other chapters
 B97.4 Respiratory syncytial virus as the cause of diseases classified to other chapters
 B97.5 Reovirus as the cause of diseases classified to other chapters
 B97.6 Parvovirus as the cause of diseases classified to other chapters
 B97.7 Papillomavirus as the cause of diseases classified to other chapters
 B97.8 Other viral agents as the cause of diseases classified to other chapters
 B98.0 Helicobacter pylori as the cause of diseases classified to other chapters
 B98.1 Vibrio vulnificus as the cause of diseases classified to other chapters
 B99 Other and unspecified infectious diseases (ICD10)
 D59.3 Haemolytic-uraemic syndrome
 G00.0 Haemophilus meningitis (ICD10)
 G00.1 Pneumococcal meningitis (ICD10)
 G00.1* (no description found)
 G00.2 Streptococcal meningitis (ICD10)
 G00.3 Staphylococcal meningitis (ICD10)
 G00.8 Other bacterial meningitis (ICD10)
 G00.9 Bacterial meningitis, unspecified (ICD10)
 G01 Meningitis in bacterial diseases classified elsewhere
 G02.0* Meningitis in viral diseases classified elsewhere (ICD10)
 G02.1* Meningitis in mycoses (ICD10)
 G02.8* Meningitis in other specified infectious and parasitic diseases classified elsewhere (ICD10)
 G03.0 Nonpyogenic meningitis (ICD10)
 G03.1 Chronic meningitis (ICD10)
 G03.2 Benign recurrent meningitis
 G03.8 Meningitis due to other specified causes
 G03.9 Meningitis, unspecified (ICD10)
 G04.0 Acute disseminated encephalitis (ICD10)
 G04.1 Tropical spastic paraplegia
 G04.2 Bacterial meningoencephalitis and meningomyelitis, not elsewhere classified
 G04.8 Other encephalitis, myelitis and encephalomyelitis (ICD10)
 G04.9 Encephalitis, myelitis and encephalomyelitis, unspecified (ICD10)
 G05.0 Encephalitis, myelitis and encephalomyelitis in bacterial diseases classified elsewhere
 G05.1* Encephalitis, myelitis and encephalomyelitis in viral diseases classified elsewhere (ICD10)
 G05.2* Encephalitis, myelitis and encephalomyelitis in other infectious and parasitic diseases classified elsewhere (ICD10)

G05.8 Encephalitis, myelitis and encephalomyelitis in other diseases classified elsewhere
 G06.0 Intracranial abscess and granuloma (ICD10)
 G06.1 Intraspinal abscess and granuloma (ICD10)
 G06.2 Extradural and subdural abscess, unspecified (ICD10)
 G07 Intracranial and intraspinal abscess and granuloma in disease classified elsewhere (ICD10)
 G08 Intracranial and intraspinal phlebitis and thrombophlebitis
 G92 Toxic encephalopathy (ICD10)
 G94.0 Hydrocephalus in infectious and parasitic diseases classified elsewhere
 H00.0 Hordeolum and other deep inflammation of eyelid (ICD10)
 H00.1 Chalazion (ICD10)
 H01.0 Blepharitis (ICD10)
 H01.8 Other specified inflammations of eyelid (ICD10)
 H03.0* Parasitic infestation of eyelid in diseases classified elsewhere (ICD10)
 H03.1* Involvement of eyelid in other infectious diseases classified elsewhere (ICD10)
 H04.0 Dacryoadenitis (ICD10)
 H06.1* Parasitic infestation of orbit in diseases classified elsewhere (ICD10)
 H10.0 Mucopurulent conjunctivitis (ICD10)
 H10.2 Other acute conjunctivitis (ICD10)
 H10.3 Acute conjunctivitis, unspecified (ICD10)
 H10.5 Blepharoconjunctivitis (ICD10)
 H13.0 Filarial infection of conjunctiva
 H13.1* Conjunctivitis in infectious and parasitic diseases classified elsewhere (ICD10)
 H19.0 Scleritis and episcleritis in diseases classified elsewhere
 H19.1 Herpesviral keratitis and keratoconjunctivitis
 H19.2* Keratitis and keratoconjunctivitis in other infectious and parasitic diseases classified elsewhere (ICD10)
 H20.0 Acute and subacute iridocyclitis (ICD10)
 H22.0 Iridocyclitis in infectious and parasitic diseases classified elsewhere
 H32.0 Chorioretinal inflammation in infectious and parasitic diseases classified elsewhere
 H44.0 Purulent endophthalmitis (ICD10)
 H44.1 Other endophthalmitis (ICD10)
 H45.1 Endophthalmitis in diseases classified elsewhere
 H48.1 Retrobulbar neuritis in diseases classified elsewhere
 H58.8 Other specified diseases of eye and adnexa in diseases classified elsewhere
 H60.0 Abscess of external ear
 H60.1 Cellulitis of external ear
 H60.2 Malignant otitis externa
 H60.3 Other infective otitis externa (ICD10)
 H62.0 Otitis externa in bacterial diseases classified elsewhere
 H62.1 Otitis externa in viral diseases classified elsewhere
 H62.2* Otitis externa in mycoses (ICD10)
 H62.3 Otitis externa in other infectious and parasitic diseases classified elsewhere
 H65.0 Acute serous otitis media (ICD10)
 H65.1 Other acute nonsuppurative otitis media (ICD10)
 H65.2 Chronic serous otitis media (ICD10)
 H65.3 Chronic mucoid otitis media (ICD10)
 H65.4 Other chronic nonsuppurative otitis media (ICD10)
 H65.9 Nonsuppurative otitis media, unspecified (ICD10)
 H66.0 Acute suppurative otitis media (ICD10)
 H66.1 Chronic tubotympanic suppurative otitis media (ICD10)
 H66.2 Chronic atticofacial suppurative otitis media (ICD10)
 H66.3 Other chronic suppurative otitis media (ICD10)
 H66.4 Suppurative otitis media, unspecified (ICD10)
 H66.9 Otitis media, unspecified (ICD10)
 H67.0 Otitis media in bacterial diseases classified elsewhere
 H67.1 Otitis media in viral diseases classified elsewhere
 H68.0 Eustachian salpingitis
 H70.0 Acute mastoiditis (ICD10)
 H70.1 Chronic mastoiditis (ICD10)
 H70.2 Petrositis (ICD10)

H70.8 Other mastoiditis and related conditions (ICD10)
H70.9 Mastoiditis, unspecified (ICD10)
H72.0 Central perforation of tympanic membrane (ICD10)
H72.1 Attic perforation of tympanic membrane (ICD10)
H72.2 Other marginal perforations of tympanic membrane (ICD10)
H72.8 Other perforations of tympanic membrane (ICD10)
H72.9 Perforation of tympanic membrane, unspecified (ICD10)
H73.0 Acute myringitis
H75.0 Mastoiditis in infectious and parasitic diseases classified elsewhere
H83.0 Labyrinthitis
H92.1 Otorrhoea
H94.0 Acoustic neuritis in infectious and parasitic diseases classified elsewhere
I00 Rheumatic fever without heart involvement (ICD10)
I01.0 Acute rheumatic pericarditis
I01.1 Acute rheumatic endocarditis
I01.2 Acute rheumatic myocarditis
I01.8 Other acute rheumatic heart disease
I01.9 Acute rheumatic heart disease, unspecified
I30.1 Infective pericarditis
I32.0 Pericarditis in bacterial diseases classified elsewhere
I32.1 Pericarditis in other infectious and parasitic diseases classified elsewhere
I33.0 Acute and subacute infective endocarditis
I39.0 Mitral valve disorders in diseases classified elsewhere
I39.1 Aortic valve disorders in diseases classified elsewhere
I39.2 Tricuspid valve disorders in diseases classified elsewhere
I39.3 Pulmonary valve disorders in diseases classified elsewhere
I39.4 Multiple valve disorders in diseases classified elsewhere
I39.8 Endocarditis, valve unspecified, in diseases classified elsewhere
I40.0 Infective myocarditis
I41.0 Myocarditis in bacterial diseases classified elsewhere
I41.1 Myocarditis in viral diseases classified elsewhere
I41.2 Myocarditis in other infectious and parasitic diseases classified elsewhere
I43.0 Cardiomyopathy in diseases classified elsewhere
I52.0 Other heart disorders in bacterial diseases classified elsewhere
I52.1 Other heart disorders in other infectious and parasitic diseases classified elsewhere
I68.1 Cerebral arteritis in infectious and parasitic diseases classified elsewhere
I98.0 Cardiovascular syphilis
I98.1 Cardiovascular disorders in other infectious and parasitic diseases classified elsewhere
J00 Acute nasopharyngitis [common cold] (ICD10)
J01.0 Acute maxillary sinusitis (ICD10)
J01.1 Acute frontal sinusitis (ICD10)
J01.2 Acute ethmoidal sinusitis (ICD10)
J01.3 Acute sphenoidal sinusitis (ICD10)
J01.4 Acute pansinusitis
J01.8 Other acute sinusitis (ICD10)
J01.9 Acute sinusitis, unspecified (ICD10)
J02.0 Streptococcal pharyngitis (ICD10)
J02.8 Acute pharyngitis due to other specified organisms
J02.9 Acute pharyngitis, unspecified (ICD10)
J03.0 Streptococcal tonsillitis
J03.8 Acute tonsillitis due to other specified organisms
J03.9 Acute tonsillitis, unspecified (ICD10)
J04.0 Acute laryngitis (ICD10)
J04.1 Acute tracheitis (ICD10)
J04.2 Acute laryngotracheitis (ICD10)
J05.0 Acute obstructive laryngitis [croup] (ICD10)
J05.1 Acute epiglottitis (ICD10)
J06.0 Acute laryngopharyngitis (ICD10)
J06.8 Other acute upper respiratory infections of multiple sites (ICD10)
J06.9 Acute upper respiratory infection, unspecified (ICD10)

J09 Influenza due to certain identified influenza virus
 J10.0 Influenza with pneumonia, influenza virus identified (ICD10)
 J10.1 Influenza due to other influenza virus with respiratory manifestations (ICD10)
 J10.8 Influenza with other manifestations, influenza virus identified
 J11 Influenza, virus not identified (ICD10)
 J11.0 Influenza with pneumonia, virus not identified (ICD10)
 J11.1 Influenza with other respiratory manifestations, virus not identified (ICD10)
 J11.8 Influenza with other manifestations, virus not identified (ICD10)
 J12.0 Adenoviral pneumonia (ICD10)
 J12.1 Respiratory syncytial virus pneumonia (ICD10)
 J12.2 Parainfluenza virus pneumonia (ICD10)
 J12.3 Human metapneumovirus pneumonia
 J12.8 Other viral pneumonia (ICD10)
 J12.9 Viral pneumonia, unspecified (ICD10)
 J13 Pneumonia due to Streptococcus pneumoniae (ICD10)
 J14 Pneumonia due to Hemophilus influenzae (ICD10)
 J15.0 Pneumonia due to Klebsiella pneumoniae (ICD10)
 J15.1 Pneumonia due to Pseudomonas (ICD10)
 J15.2 Pneumonia due to staphylococcus (ICD10)
 J15.3 Pneumonia due to streptococcus, group B (ICD10)
 J15.4 Pneumonia due to other streptococci (ICD10)
 J15.5 Pneumonia due to Escherichia coli (ICD10)
 J15.6 Pneumonia due to other aerobic Gram-negative bacteria (ICD10)
 J15.7 Pneumonia due to Mycoplasma pneumoniae (ICD10)
 J15.8 Pneumonia due to other specified bacteria (ICD10)
 J15.9 Unspecified bacterial pneumonia (ICD10)
 J16.0 Chlamydial pneumonia
 J16.8 Pneumonia due to other specified infectious organisms (ICD10)
 J17.0* Pneumonia in bacterial diseases classified elsewhere (ICD10)
 J17.1* Pneumonia in viral diseases classified elsewhere (ICD10)
 J17.2* Pneumonia in mycoses (ICD10)
 J17.3 Pneumonia in parasitic diseases
 J17.8* Pneumonia in other diseases classified elsewhere (ICD10)
 J18.0 Bronchopneumonia, unspecified organism (ICD10)
 J18.1 Lobar pneumonia, unspecified
 J18.8 Other pneumonia, unspecified organism (ICD10)
 J18.9 Pneumonia, unspecified
 J20.0 Acute bronchitis due to Mycoplasma pneumoniae (ICD10)
 J20.1 Acute bronchitis due to Hemophilus influenzae (ICD10)
 J20.2 Acute bronchitis due to streptococcus (ICD10)
 J20.3 Acute bronchitis due to coxsackievirus (ICD10)
 J20.4 Acute bronchitis due to parainfluenza virus (ICD10)
 J20.5 Acute bronchitis due to respiratory syncytial virus (ICD10)
 J20.6 Acute bronchitis due to rhinovirus (ICD10)
 J20.7 Acute bronchitis due to echovirus (ICD10)
 J20.8 Acute bronchitis due to other specified organisms (ICD10)
 J20.9 Acute bronchitis, unspecified (ICD10)
 J21.0 Acute bronchiolitis due to respiratory syncytial virus
 J21.1 Acute bronchiolitis due to human megapneumovirus
 J21.8 Acute bronchiolitis due to other specified organisms
 J21.9 Acute bronchiolitis, unspecified (ICD10)
 J22 Unspecified acute lower respiratory infection (ICD10)
 J32.0 Chronic maxillary sinusitis (ICD10)
 J32.1 Chronic frontal sinusitis (ICD10)
 J32.2 Chronic ethmoidal sinusitis (ICD10)
 J32.3 Chronic sphenoidal sinusitis (ICD10)
 J32.4 Chronic pansinusitis
 J32.8 Other chronic sinusitis (ICD10)
 J32.9 Chronic sinusitis, unspecified (ICD10)
 J34.0 Abscess, furuncle and carbuncle of nose

J35.0 Chronic tonsillitis (ICD10)
 J36 Peritonsillar abscess (ICD10)
 J39.0 Retropharyngeal and parapharyngeal abscess (ICD10)
 J39.1 Other abscess of pharynx (ICD10)
 J39.2 Other diseases of pharynx (ICD10)
 J40 Bronchitis, not specified as acute or chronic (ICD10)
 J41.0 Simple chronic bronchitis (ICD10)
 J41.1 Mucopurulent chronic bronchitis (ICD10)
 J41.8 Mixed simple and mucopurulent chronic bronchitis
 J42 Unspecified chronic bronchitis (ICD10)
 J44.0 Chronic obstructive pulmonary disease with acute lower respiratory infection
 J47 Bronchiectasis (ICD10)
 J65 Pneumoconiosis associated with tuberculosis
 J85.0 Gangrene and necrosis of lung
 J85.1 Abscess of lung with pneumonia
 J85.2 Abscess of lung without pneumonia (ICD10)
 J85.3 Abscess of mediastinum
 J86.0 Pyothorax with fistula (ICD10)
 J86.9 Pyothorax without fistula (ICD10)
 J99.8 Respiratory disorders in other diseases classified elsewhere
 K04.4 Acute apical periodontitis of pulpal origin (ICD10)
 K04.5 Chronic apical periodontitis (ICD10)
 K04.6 Periapical abscess with sinus (ICD10)
 K04.7 Periapical abscess without sinus (ICD10)
 K05.2 Acute periodontitis (ICD10)
 K05.3 Chronic periodontitis (ICD10)
 K05.4 Periodontosis (ICD10)
 K11.3 Abscess of salivary gland (ICD10)
 K12.2 Cellulitis and abscess of mouth (ICD10)
 K52.8 Other specified noninfective gastroenteritis and colitis (ICD10)
 K61.0 Anal abscess
 K61.1 Rectal abscess
 K61.2 Anorectal abscess
 K61.3 Ischiorectal abscess
 K61.4 Intrashincteric abscess
 K63.0 Abscess of intestine (ICD10)
 K65.0 Generalized (acute) peritonitis (ICD10)
 K65.8 Other peritonitis (ICD10)
 K65.9 Peritonitis, unspecified (ICD10)
 K67.0 Chlamydial peritonitis
 K67.1 Gonococcal peritonitis
 K67.2 Syphilitic peritonitis
 K67.3 Tuberculous peritonitis
 K67.8* Other disorders of peritoneum in infectious diseases classified elsewhere (ICD10)
 K75.0 Abscess of liver (ICD10)
 K75.1 Phlebitis of portal vein (ICD10)
 K77.0* Liver disorders in infectious and parasitic diseases classified elsewhere (ICD10)
 K81.0 Acute cholecystitis
 K87.1 Disorders of pancreas in diseases classified elsewhere
 K90.8+ (no description found)
 K93.0 Tuberculous disorders of intestines, peritoneum and mesenteric glands
 K93.1 Megacolon in Chagas disease
 L00 Staphylococcal scalded skin syndrome
 L01.0 Impetigo [any organism] [any site] (ICD10)
 L01.1 Impetiginization of other dermatoses
 L02.0 Cutaneous abscess, furuncle and carbuncle of face (ICD10)
 L02.1 Cutaneous abscess, furuncle and carbuncle of neck (ICD10)
 L02.2 Cutaneous abscess, furuncle and carbuncle of trunk (ICD10)
 L02.3 Cutaneous abscess, furuncle and carbuncle of buttock (ICD10)
 L02.4 Cutaneous abscess, furuncle and carbuncle of limb (ICD10)

L02.8 Cutaneous abscess, furuncle and carbuncle of other sites (ICD10)
L02.9 Cutaneous abscess, furuncle and carbuncle, unspecified (ICD10)
L03.0 Cellulitis of finger and toe
L03.01 Cellulitis of finger (ICD10)
L03.02 Cellulitis of toe (ICD10)
L03.1 Cellulitis of other parts of limb
L03.10 Cellulitis of upper limb (ICD10)
L03.11 Cellulitis of lower limb (ICD10)
L03.2 Cellulitis of face (ICD10)
L03.3 Cellulitis of trunk (ICD10)
L03.8 Cellulitis of other sites (ICD10)
L03.9 Cellulitis, unspecified (ICD10)
L04.0 Acute lymphadenitis of face, head and neck
L04.1 Acute lymphadenitis of trunk
L04.2 Acute lymphadenitis of upper limb
L04.3 Acute lymphadenitis of lower limb
L04.8 Acute lymphadenitis of other sites
L04.9 Acute lymphadenitis, unspecified (ICD10)
L05.0 Pilonidal cyst with abscess (ICD10)
L05.9 Pilonidal cyst without abscess (ICD10)
L08.0 Pyoderma (ICD10)
L08.1 Erythrasma
L08.8 Other specified local infections of skin and subcutaneous tissue
L08.9 Local infection of the skin and subcutaneous tissue, unspecified
L13.0 Dermatitis herpetiformis (ICD10)
L30.3 Infective dermatitis
L54.0 Erythema marginatum in acute rheumatic fever
L88 Pyoderma gangrenosum
M00.0 Staphylococcal arthritis and polyarthritis
M00.1 Pneumococcal arthritis and polyarthritis
M00.2 Other streptococcal arthritis and polyarthritis
M00.8 Arthritis and polyarthritis due to other specified bacterial agents
M00.90 Pyogenic arthritis, unspecified, multiple sites (ICD10)
M00.91 Pyogenic arthritis, unspecified, shoulder region (ICD10)
M00.92 Pyogenic arthritis, unspecified, upper arm (ICD10)
M00.93 Pyogenic arthritis, unspecified, forearm (ICD10)
M00.94 Pyogenic arthritis, unspecified, hand (ICD10)
M00.95 Pyogenic arthritis, unspecified, pelvic region and thigh
M00.96 Pyogenic arthritis, unspecified, lower leg (ICD10)
M00.97 Pyogenic arthritis, unspecified, ankle and foot (ICD10)
M00.98 Pyogenic arthritis, unspecified, other site (ICD10)
M00.99 Pyogenic arthritis, unspecified, site unspecified (ICD10)
M01.0 Meningococcal arthritis
M01.1 Tuberculous arthritis
M01.2 Arthritis in Lyme disease
M01.30* Arthritis in other bacterial diseases classified elsewhere, multiple sites (ICD10)
M01.31* Arthritis in other bacterial diseases classified elsewhere, shoulder region (ICD10)
M01.32* Arthritis in other bacterial diseases classified elsewhere, upper arm (ICD10)
M01.33* Arthritis in other bacterial diseases classified elsewhere, forearm (ICD10)
M01.34* Arthritis in other bacterial diseases classified elsewhere, hand (ICD10)
M01.35* Arthritis in other bacterial diseases classified elsewhere, pelvic region and thigh (ICD10)
M01.36* Arthritis in other bacterial diseases classified elsewhere, lower leg (ICD10)
M01.37* Arthritis in other bacterial diseases classified elsewhere, ankle and foot (ICD10)
M01.38* Arthritis in other bacterial diseases classified elsewhere, other site (ICD10)
M01.39* Arthritis in other bacterial diseases classified elsewhere, site unspecified (ICD10)
M01.4 Rubella arthritis
M01.50* Arthritis in other viral diseases classified elsewhere, multiple sites (ICD10)
M01.51* Arthritis in other viral diseases classified elsewhere, shoulder region (ICD10)
M01.52* Arthritis in other viral diseases classified elsewhere, upper arm (ICD10)
M01.53* Arthritis in other viral diseases classified elsewhere, forearm (ICD10)

M01.54* Arthritis in other viral diseases classified elsewhere, hand
M01.55* Arthritis in other viral diseases classified elsewhere, pelvic region and thigh (ICD10)
M01.56* Arthritis in other viral diseases classified elsewhere, lower leg (ICD10)
M01.57* Arthritis in other viral diseases classified elsewhere, ankle and foot (ICD10)
M01.58* Arthritis in other viral diseases classified elsewhere, other site (ICD10)
M01.59* Arthritis in other viral diseases classified elsewhere, site unspecified (ICD10)
M01.60* Arthritis in mycoses, multiple sites (B35-B49+) (ICD10)
M01.61* Arthritis in mycoses, shoulder region (B35-B49+) (ICD10)
M01.62* Arthritis in mycoses, upper arm (B35-B49+) (ICD10)
M01.63* Arthritis in mycoses, forearm (B35-B49+) (ICD10)
M01.64* Arthritis in mycoses, hand (B35-B49+) (ICD10)
M01.65* Arthritis in mycoses, pelvic region and thigh (B35-B49+)
M01.66 Arthritis in mycoses, lower leg (B35-B49+) (ICD10)
M01.67* Arthritis in mycoses, ankle and foot (B35-B49+) (ICD10)
M01.68 Arthritis in mycoses, other site (B35-B49+) (ICD10)
M01.69* Arthritis in mycoses, site unspecified (B35-B49+) (ICD10)
M01.80* Arthritis in other infectious and parasitic diseases classified elsewhere, multiple sites (ICD10)
M01.81* Arthritis in other infectious and parasitic diseases classified elsewhere, shoulder region (ICD10)
M01.82* Arthritis in other infectious and parasitic diseases classified elsewhere, upper arm (ICD10)
M01.83 Arthritis in other infectious and parasitic diseases classified elsewhere, forearm (ICD10)
M01.83* Arthritis in other infectious and parasitic diseases classified elsewhere, forearm (ICD10)
M01.84* Arthritis in other infectious and parasitic diseases classified elsewhere, hand (ICD10)
M01.85* Arthritis in other infectious and parasitic diseases classified elsewhere, pelvic region and thigh (ICD10)

M01.86* Arthritis in other infectious and parasitic diseases classified elsewhere, lower leg (ICD10)
M01.87* Arthritis in other infectious and parasitic diseases classified elsewhere, ankle and foot (ICD10)
M01.88* Arthritis in other infectious and parasitic diseases classified elsewhere, other site (ICD10)
M01.89* Arthritis in other infectious and parasitic diseases classified elsewhere, site unspecified (ICD10)
M46.2 Osteomyelitis of vertebra
M46.3 Infection of intervertebral disc (pyogenic)
M46.4 Discitis, unspecified
M46.5 Other infective spondylopathies
M49.0 Tuberculosis of spine
M49.1 Brucella spondylitis
M49.2 Enterobacterial spondylitis
M49.3 Spondylopathy in other infectious and parasitic diseases classified elsewhere
M60.0 Infective myositis
M60.09 Infective myositis, multiple sites (ICD10)
M63.0 Myositis in bacterial diseases classified elsewhere
M63.1 Myositis in protozoal and parasitic infections classified elsewhere
M63.2 Myositis in other infectious diseases classified elsewhere
M65.0 Abscess of tendon sheath
M65.1 Other infective (teno)synovitis
M68.0 Synovitis and tenosynovitis in bacterial diseases classified elsewhere
M71.0 Abscess of bursa
M71.1 Other infective bursitis
M72.6 Necrotizing fasciitis
M72.8 Other fibroblastic disorders
M73.0 Gonococcal bursitis
M73.1 Syphilitic bursitis
M86.0 Acute haematogenous osteomyelitis
M86.10 Other acute osteomyelitis, unspecified site (ICD10)
M86.11 Other acute osteomyelitis, shoulder region (ICD10)
M86.12 Other acute osteomyelitis, upper arm (ICD10)
M86.13 Other acute osteomyelitis, forearm (ICD10)
M86.14 Other acute osteomyelitis, hand (ICD10)
M86.15 Other acute osteomyelitis, pelvic region and thigh (ICD10)
M86.16 Other acute osteomyelitis, lower leg (ICD10)
M86.17 Other acute osteomyelitis, ankle and foot (ICD10)
M86.18 Other acute osteomyelitis, other site (ICD10)

M86.19 Other acute osteomyelitis, multiple sites (ICD10)
M86.2 Subacute osteomyelitis
M86.4 Chronic osteomyelitis with draining sinus
M86.5 Other chronic osteomyelitis
M86.60 Other chronic osteomyelitis, unspecified site (ICD10)
M86.67 Other chronic osteomyelitis, ankle and foot (ICD10)
M86.68 Other chronic osteomyelitis, other site (ICD10)
M86.69 Other chronic osteomyelitis, multiple sites (ICD10)
M86.8 Other osteomyelitis
M86.90 Unspecified osteomyelitis, multiple sites (ICD10)
M86.91 Unspecified osteomyelitis, shoulder region (ICD10)
M86.92 Unspecified osteomyelitis, upper arm (ICD10)
M86.93 Unspecified osteomyelitis, forearm (ICD10)
M86.94 Unspecified osteomyelitis, hand (ICD10)
M86.95 Unspecified osteomyelitis, pelvic region and thigh (ICD10)
M86.96 Unspecified osteomyelitis, lower leg (ICD10)
M86.97 Unspecified osteomyelitis, ankle and foot (ICD10)
M86.98 Unspecified osteomyelitis, other site (ICD10)
M86.99 Unspecified osteomyelitis, site unspecified (ICD10)
M90.0 Tuberculosis of bone
M90.1 Periostitis in other infectious diseases classified elsewhere
N08.0 Glomerular disorders in infectious and parasitic diseases classified elsewhere
N08.8 Glomerular disorders in other diseases classified elsewhere
N13.6 Pyonephrosis
N15.1 Renal and perinephric abscess (ICD10)
N15.9 Renal tubulo-interstitial disease, unspecified
N16.0 Renal tubulo-interstitial disorders in infectious and parasitic diseases classified elsewhere
N22.0 Urinary calculus in schistosomiasis
N29.1 Other disorders of kidney and ureter in infectious and parasitic diseases classified elsewhere
N30.0 Acute cystitis
N30.8 Other cystitis, abscess of bladder (ICD10)
N33.0 Tuberculous cystitis
N33.8 Bladder disorders in other diseases classified elsewhere
N34.0 Urethral abscess (ICD10)
N35.1 Postinfective urethral stricture, not elsewhere classified (ICD10)
N39.0 Urinary tract infection, site not specified (ICD10)
N41.0 Acute prostatitis (ICD10)
N41.2 Abscess of prostate (ICD10)
N43.1 Infected hydrocele (ICD10)
N45.0 Orchitis, epididymitis and epididymo-orchitis with abscess (ICD10)
N45.9 Orchitis, epididymitis and epididymo-orchitis without abscess
N51.0 Disorders of prostate in diseases classified elsewhere
N51.1 Disorders of testis and epididymis in diseases classified elsewhere
N51.2 Balanitis in diseases classified elsewhere
N51.8 Other disorders of male genital organs in diseases classified elsewhere
N61 Inflammatory disorders of breast
N70.0 Acute salpingitis and oophoritis (ICD10)
N73.0 Acute parametritis and pelvic cellulitis (ICD10)
N73.1 Chronic parametritis and pelvic cellulitis (ICD10)
N73.2 Unspecified parametritis and pelvic cellulitis
N73.3 Female acute pelvic peritonitis (ICD10)
N73.4 Female chronic pelvic peritonitis (ICD10)
N73.5 Female pelvic peritonitis, unspecified
N73.6 Female pelvic peritoneal adhesions (postinfective) (ICD10)
N73.8 Other specified female pelvic inflammatory diseases (ICD10)
N73.9 Female pelvic inflammatory disease, unspecified (ICD10)
N74.0 Tuberculous infection of cervix uteri
N74.1 Female tuberculous pelvic inflammatory disease
N74.2 Female syphilitic pelvic inflammatory disease
N74.3 Female gonococcal pelvic inflammatory disease

N74.4 Female chlamydial pelvic inflammatory disease
 N74.8 Female pelvic inflammatory disorders in other diseases classified elsewhere
 N75.0 Cyst of Bartholins gland (ICD10)
 N75.1 Abscess of Bartholins gland (ICD10)
 N76.0 Acute vaginitis (ICD10)
 N76.4 Abscess of vulva (ICD10)
 N76.6 Ulceration of vulva (ICD10)
 N76.8 Other specified inflammation of vagina and vulva (ICD10)
 N77.0 Ulceration of vulva in infectious and parasitic diseases classified elsewhere
 N77.1* Vaginitis, vulvitis and vulvovaginitis in infectious and parasitic diseases classified elsewhere (ICD10)
 O03.0 Spontaneous abortion, incomplete, complicated by genital tract and pelvic infection (ICD10)
 O03.5 Spontaneous abortion, complete or unspecified, complicated by genital tract and pelvic infection (ICD10)
 O04.0 Medical abortion, incomplete, complicated by genital tract and pelvic infection (ICD10)
 O04.5 Medical abortion, complete or unspecified, complicated by genital tract and pelvic infection (ICD10)
 O05.0 Other abortion, incomplete, complicated by genital tract and pelvic infection (ICD10)
 O05.5 Other abortion, complete or unspecified, complicated by genital tract and pelvic infection (ICD10)
 O06.0 Unspecified abortion, incomplete, complicated by genital tract and pelvic infection (ICD10)
 O06.5 Unspecified abortion, complete or unspecified, complicated by genital tract and pelvic infection (ICD10)
 O07.0 Failed medical abortion, complicated by genital tract and pelvic infection
 O07.5 Other and unspecified failed attempted abortion, complicated by genital tract and pelvic infection
 O08.0 Genital tract and pelvic infection following ectopic and molar pregnancy (ICD10)
 O23.0 Infections of kidney in pregnancy
 O23.1 Infections of bladder in pregnancy
 O23.2 Infections of urethra in pregnancy
 O23.3 Infections of other parts of urinary tract in pregnancy
 O23.4 Unspecified infection of urinary tract in pregnancy
 O23.5 Infections of the genital tract in pregnancy
 O23.9 Other and unspecified genitourinary tract infection in pregnancy
 O26.4 Herpes gestationis
 O41.1 Infection of amniotic sac and membranes (ICD10)
 O75.3 Other infection during labor (ICD10)
 O85 Puerperal sepsis (ICD10)
 O86.0 Infection of obstetric surgical wound
 O86.1 Other infection of genital tract following delivery
 O86.2 Urinary tract infection following delivery
 O86.3 Other genitourinary tract infections following delivery
 O86.4 Pyrexia of unknown origin following delivery
 O86.8 Other specified puerperal infections
 O91.00 Infection of nipple associated with childbirth, without mention of attachment difficulty (ICD10)
 O91.10 Abscess of breast associated with childbirth, without mention of attachment difficulty (ICD10)
 O91.20 Nonpurulent mastitis associated with childbirth, without mention of attachment difficulty (ICD10)
 O98.0 Tuberculosis complicating pregnancy, childbirth and the puerperium
 O98.1 Syphilis complicating pregnancy, childbirth and the puerperium
 O98.2 Gonorrhoea complicating pregnancy, childbirth and the puerperium
 O98.3 Other infections with a predominantly sexual mode of transmission complicating pregnancy, childbirth and the puerperium
 O98.4 Viral hepatitis complicating pregnancy, childbirth and the puerperium
 O98.5 Other viral diseases complicating pregnancy, childbirth and the puerperium (ICD10)
 O98.6 Protozoal diseases complicating pregnancy, childbirth and the puerperium (ICD10)
 O98.7 Human immunodeficiency disease complicating pregnancy, childbirth and the puerperium
 O98.8 Other maternal infectious and parasitic diseases complicating pregnancy, childbirth and the puerperium (ICD10)
 O98.9 Unspecified maternal infectious or parasitic disease complicating pregnancy, childbirth and the puerperium (ICD10)
 P00.2 Newborn (suspected to be) affected by maternal infectious and parasitic diseases (ICD10)
 P02.7 Newborn (suspected to be) affected by chorioamnionitis (ICD10)
 P23.0 Congenital pneumonia due to viral agent
 P23.1 Congenital pneumonia due to Chlamydia

P23.2 Congenital pneumonia due to staphylococcus
 P23.3 Congenital pneumonia due to staphylococcus, group B
 P23.4 Congenital pneumonia due to Escherichia coli
 P23.5 Congenital pneumonia due to Pseudomonas
 P23.6 Congenital pneumonia due to other bacterial agents
 P23.8 Congenital pneumonia due to other organisms
 P23.9 Congenital pneumonia, unspecified
 P35.0 Congenital rubella syndrome
 P35.1 Congenital cytomegalovirus infection
 P35.2 Congenital herpesviral [herpes simples] infection
 P35.3 Congenital viral hepatitis
 P35.8 Other congenital viral diseases
 P35.9 Congenital viral disease, unspecified
 P36.0 Sepsis of newborn due to streptococcus, group B
 P36.1 Sepsis of newborn due to other and unspecified streptococci
 P36.2 Sepsis of newborn due to Staphylococcus aureus
 P36.3 Sepsis of newborn due to other and unspecified staphylococci
 P36.4 Sepsis of newborn due to Escherichia coli
 P36.5 Sepsis of newborn due to anaerobes
 P36.8 Other bacterial sepsis of newborn
 P36.9 Bacterial sepsis of newborn, unspecified
 P37.0 Congenital tuberculosis
 P37.1 Congenital toxoplasmosis
 P37.2 Neonatal (disseminated) listeriosis
 P37.3 Congenital falciparum malaria
 P37.4 Other congenital malaria
 P37.5 Neonatal candidiasis (ICD10)
 P37.8 Other specified congenital infectious and parasitic diseases
 P37.9 Congenital infectious and parasitic disease, unspecified
 P38 Omphalitis of newborn with or without mild haemorrhage (ICD10)
 P39.0 Neonatal infective mastitis (ICD10)
 P39.1 Neonatal conjunctivitis and dacryocystitis (ICD10)
 P39.2 Intra-amniotic infection of fetus, not elsewhere classified
 P39.3 Neonatal urinary tract infection
 P39.4 Neonatal skin infection
 P39.8 Other specified infections specific to the perinatal period (ICD10)
 P39.9 Infection specific to the perinatal period, unspecified
 Z21 Asymptomatic human immunodeficiency virus [HIV] infection status

Supplementary Table: ICD codes for invasive bacterial infection diagnostic group

003.1	SALMONELLA SEPTICEMIA (ICD9)
003.21	SALMONELLA MENINGITIS (ICD9)
003.23	SALMONELLA ARTHRITIS (ICD9)
003.24	SALMONELLA OSTEOMYELITIS (ICD9)
006.5	AMEBIC BRAIN ABSCESS (ICD9)
013.00	TB MENINGITIS-UNSPEC (ICD9)
013.01	TB MENINGITIS-NO EXAM (ICD9)
013.02	TB MENINGITIS-EXAM UNKN (ICD9)
013.03	TB MENINGITIS-MICRO DX (ICD9)
013.04	TB MENINGITIS-CULT DX (ICD9)
013.05	TB MENINGITIS-HISTO DX (ICD9)
013.06	TB MENINGITIS-OTH TEST (ICD9)
013.10	TUBRCLMA MENINGES-UNSPEC (ICD9)
013.11	TUBRCLMA MENING-NO EXAM (ICD9)
013.12	TUBRCLMA MENIN-EXAM UNKN (ICD9)
013.13	TUBRCLMA MENING-MICRO DX (ICD9)
013.14	TUBRCLMA MENING-CULT DX (ICD9)
013.15	TUBRCLMA MENING-HISTO DX (ICD9)
013.16	TUBRCLMA MENING-OTH TEST (ICD9)
013.20	TUBERCULOMA BRAIN-UNSPEC (ICD9)
013.21	TUBRCLOMA BRAIN-NO EXAM (ICD9)
013.22	TUBRCLMA BRAIN-EXAM UNKN (ICD9)
013.23	TUBRCLOMA BRAIN-MICRO DX (ICD9)
013.24	TUBRCLOMA BRAIN-CULT DX (ICD9)
013.25	TUBRCLOMA BRAIN-HISTO DX (ICD9)
013.26	TUBRCLOMA BRAIN-OTH TEST (ICD9)
013.30	TB BRAIN ABSCESS-UNSPEC (ICD9)
013.31	TB BRAIN ABSCESS-NO EXAM (ICD9)
013.32	TB BRAIN ABSC-EXAM UNKN (ICD9)
013.33	TB BRAIN ABSC-MICRO DX (ICD9)
013.34	TB BRAIN ABSCESS-CULT DX (ICD9)
013.35	TB BRAIN ABSC-HISTO DX (ICD9)
013.36	TB BRAIN ABSC-OTH TEST (ICD9)
013.40	TUBRCLMA SP CORD-UNSPEC (ICD9)
013.41	TUBRCLMA SP CORD-NO EXAM (ICD9)
013.42	TUBRCLMA SP CD-EXAM UNKN (ICD9)
013.43	TUBRCLMA SP CRD-MICRO DX (ICD9)
013.44	TUBRCLMA SP CORD-CULT DX (ICD9)
013.45	TUBRCLMA SP CRD-HISTO DX (ICD9)
013.46	TUBRCLMA SP CRD-OTH TEST (ICD9)
013.50	TB SP CRD ABSCESS-UNSPEC (ICD9)
013.51	TB SP CRD ABSC-NO EXAM (ICD9)
013.52	TB SP CRD ABSC-EXAM UNKN (ICD9)
013.53	TB SP CRD ABSC-MICRO DX (ICD9)
013.54	TB SP CRD ABSC-CULT DX (ICD9)
013.55	TB SP CRD ABSC-HISTO DX (ICD9)
013.56	TB SP CRD ABSC-OTH TEST (ICD9)
013.60	TB ENCEPHALITIS-UNSPEC (ICD9)
013.61	TB ENCEPHALITIS-NO EXAM (ICD9)
013.62	TB ENCEPHALIT-EXAM UNKN (ICD9)
013.63	TB ENCEPHALITIS-MICRO DX (ICD9)
013.64	TB ENCEPHALITIS-CULT DX (ICD9)
013.65	TB ENCEPHALITIS-HISTO DX (ICD9)
013.66	TB ENCEPHALITIS-OTH TEST (ICD9)
013.80	CNS TB NEC-UNSPEC (ICD9)
013.81	CNS TB NEC-NO EXAM (ICD9)
013.82	CNS TB NEC-EXAM UNKN (ICD9)
013.83	CNS TB NEC-MICRO DX (ICD9)

013.84 CNS TB NEC-CULT DX (ICD9)
 013.85 CNS TB NEC-HISTO DX (ICD9)
 013.86 CNS TB NEC-OTH TEST (ICD9)
 013.90 CNS TB NOS-UNSPEC (ICD9)
 013.91 CNS TB NOS-NO EXAM (ICD9)
 013.92 CNS TB NOS-EXAM UNKN (ICD9)
 013.93 CNS TB NOS-MICRO DX (ICD9)
 013.94 CNS TB NOS-CULT DX (ICD9)
 013.95 CNS TB NOS-HISTO DX (ICD9)
 013.96 CNS TB NOS-OTH TEST (ICD9)
 015.00 TB OF VERTEBRA-UNSPEC (ICD9)
 015.01 TB OF VERTEBRA-NO EXAM (ICD9)
 015.02 TB OF VERTEBRA-EXAM UNKN (ICD9)
 015.03 TB OF VERTEBRA-MICRO DX (ICD9)
 015.04 TB OF VERTEBRA-CULT DX (ICD9)
 015.05 TB OF VERTEBRA-HISTO DX (ICD9)
 015.06 TB OF VERTEBRA-OTH TEST (ICD9)
 015.10 TB OF HIP-UNSPEC (ICD9)
 015.11 TB OF HIP-NO EXAM (ICD9)
 015.12 TB OF HIP-EXAM UNKN (ICD9)
 015.13 TB OF HIP-MICRO DX (ICD9)
 015.14 TB OF HIP-CULT DX (ICD9)
 015.15 TB OF HIP-HISTO DX (ICD9)
 015.16 TB OF HIP-OTH TEST (ICD9)
 015.20 TB OF KNEE-UNSPEC (ICD9)
 015.21 TB OF KNEE-NO EXAM (ICD9)
 015.22 TB OF KNEE-EXAM UNKN (ICD9)
 015.23 TB OF KNEE-MICRO DX (ICD9)
 015.24 TB OF KNEE-CULT DX (ICD9)
 015.25 TB OF KNEE-HISTO DX (ICD9)
 015.26 TB OF KNEE-OTH TEST (ICD9)
 015.50 TB OF LIMB BONES-UNSPEC (ICD9)
 015.51 TB LIMB BONES-NO EXAM (ICD9)
 015.52 TB LIMB BONES-EXAM UNKN (ICD9)
 015.53 TB LIMB BONES-MICRO DX (ICD9)
 015.54 TB LIMB BONES-CULT DX (ICD9)
 015.55 TB LIMB BONES-HISTO DX (ICD9)
 015.56 TB LIMB BONES-OTH TEST (ICD9)
 015.60 TB OF MASTOID-UNSPEC (ICD9)
 015.61 TB OF MASTOID-NO EXAM (ICD9)
 015.62 TB OF MASTOID-EXAM UNKN (ICD9)
 015.63 TB OF MASTOID-MICRO DX (ICD9)
 015.64 TB OF MASTOID-CULT DX (ICD9)
 015.65 TB OF MASTOID-HISTO DX (ICD9)
 015.66 TB OF MASTOID-OTH TEST (ICD9)
 015.70 TB OF BONE NEC-UNSPEC (ICD9)
 015.71 TB OF BONE NEC-NO EXAM (ICD9)
 015.72 TB OF BONE NEC-EXAM UNKN (ICD9)
 015.73 TB OF BONE NEC-MICRO DX (ICD9)
 015.74 TB OF BONE NEC-CULT DX (ICD9)
 015.75 TB OF BONE NEC-HISTO DX (ICD9)
 015.76 TB OF BONE NEC-OTH TEST (ICD9)
 015.80 TB OF JOINT NEC-UNSPEC (ICD9)
 015.81 TB OF JOINT NEC-NO EXAM (ICD9)
 015.82 TB JOINT NEC-EXAM UNKN (ICD9)
 015.83 TB OF JOINT NEC-MICRO DX (ICD9)
 015.84 TB OF JOINT NEC-CULT DX (ICD9)
 015.85 TB OF JOINT NEC-HISTO DX (ICD9)
 015.86 TB OF JOINT NEC-OTH TEST (ICD9)
 015.90 TB BONE/JOINT NOS-UNSPEC (ICD9)

015.91 TB BONE/JT NOS-NO EXAM (ICD9)
 015.92 TB BONE/JT NOS-EXAM UNKN (ICD9)
 015.93 TB BONE/JT NOS-MICRO DX (ICD9)
 015.94 TB BONE/JT NOS-CULT DX (ICD9)
 015.95 TB BONE/JT NOS-HISTO DX (ICD9)
 015.96 TB BONE/JT NOS-OTH TEST (ICD9)
 020.0 BUBONIC PLAGUE (ICD9)
 020.2 SEPTICEMIC PLAGUE (ICD9)
 020.8 OTHER TYPES OF PLAGUE (ICD9)
 020.9 PLAGUE NOS (ICD9)
 021.8 TULAREMIA NEC (ICD9)
 021.9 TULAREMIA NOS (ICD9)
 022.3 ANTHRAX SEPTICEMIA (ICD9)
 023.0 BRUCELLA MELITENSIS (ICD9)
 023.1 BRUCELLA ABORTUS (ICD9)
 023.2 BRUCELLA SUIS (ICD9)
 023.3 BRUCELLA CANIS (ICD9)
 023.8 BRUCELLOSIS NEC (ICD9)
 023.9 BRUCELLOSIS NOS (ICD9)
 025 MELIOIDOSIS (ICD9)
 026.0 SPIRILLARY FEVER (ICD9)
 026.1 STREPTOBACILLARY FEVER (ICD9)
 026.9 RAT-BITE FEVER NOS (ICD9)
 027.0 LISTERIOSIS (ICD9)
 031.2 DX DUE TO DISSEM MYCOBACT (Begin 1997) (ICD9)
 036.1 MENINGOCOCC ENCEPHALITIS (ICD9)
 036.2 MENINGOCOCCEMIA (ICD9)
 036.3 MENINGOCOCC ADRENAL SYND (ICD9)
 036.40 MENINGOCOCCAL CARDITIS UNSPECIFIED
 036.41 MENINGOCOCCAL PERICARDITIS
 036.42 MENINGOCOCCAL ENDOCARDITIS
 036.43 MENINGOCOCCAL MYOCARDITIS
 036.81 MENINGOCOCC OPTIC NEURIT (ICD9)
 036.82 MENINGOCOCC ARTHROPATHY (ICD9)
 036.89 MENINGOCOCCAL INFECT NEC (ICD9)
 036.9 MENINGOCOCCAL INFECT NOS (ICD9)
 038.0 STREPTOCOCCAL SEPTICEMIA (ICD9)
 038.1 STAPHYLOCOCC SEPTICEMIA (End 1997) (ICD9)
 038.10 STAPH SEPTICEMIA- UNSPEC (Begin 1997) (ICD9)
 038.11 STAPH AUREUS SEPTICEMIA (Begin 1997) (ICD9)
 038.12 (no description found)
 038.19 OT STAPH SEPTICEMIA (Begin 1997) (ICD9)
 038.2 PNEUMOCOCCAL SEPTICEMIA (ICD9)
 038.3 ANAEROBIC SEPTICEMIA (ICD9)
 038.40 GRAM-NEG SEPTICEMIA NOS (ICD9)
 038.41 H. INFLUENAE SEPTICEMIA (ICD9)
 038.42 E COLI SEPTICEMIA (ICD9)
 038.43 PSEUDOMONAS SEPTICEMIA (ICD9)
 038.44 SERRATIA SEPTICEMIA (ICD9)
 038.49 GRAM-NEG SEPTICEMIA NEC (ICD9)
 038.8 SEPTICEMIA NEC (ICD9)
 038.9 SEPTICEMIA NOS (ICD9)
 040.3 NECROBACILLOSIS (ICD9)
 040.82 TOXIC SHOCK SYNDROME (Begin 2002) (ICD9)
 041.02 GROUP B STREPTOCOCCUS (Begin 1992) (ICD9)
 077.98 DIS OF CONJUNCT DUE TO CHLAMYDIAE (Begin 1993) (ICD9)
 078.88 OTH SPEC DISEASE DUE TO CHLAMYDIAE (Begin 1993) (ICD9)
 079.88 OTH SPEC CHLAMYDIAL INFECTION (Begin 1993) (ICD9)
 079.98 CHLAMYDIAL INFECTION NOS (Begin 1993) (ICD9)
 083.0 Q FEVER (ICD9)

083.1 TRENCH FEVER (ICD9)
 083.2 RICKETTSIALPOX (ICD9)
 083.8 RICKETTSIOSES NEC (ICD9)
 083.9 RICKETTSIOSIS NOS (ICD9)
 091.3 SECONDARY SYPH SKIN
 091.4 SYPHILITIC ADENOPATHY
 091.5 SYPHILITIC UVEITIS NOS
 091.51 SYPHILITIC CHORIORETINITIS
 091.52 SYPHILITIC IRIDOCYCLITIS
 091.61 SYPHILITIC PERIOSTITIS
 091.62 SYPHILITIC HEPATITIS
 091.69 SECOND SYPH VISCERA NEC
 091.7 SECOND SYPHILIS RELAPSE
 091.81 ACUTE SYPHIL MENINGITIS
 091.82 SYPHILITIC ALOPECIA
 091.89 SECONDARY SYPHILIS NEC
 091.9 SECONDARY SYPHILIS NOS
 092.0 EARLY SYPH LATENT RELAPSE
 092.9 EARLY SYPH LATENT NOS
 093.0 AORTIC ANEURYSM-SYPHIL
 093.1 SYPHILITIC AORTITIS
 093.2 SYPHIL ENDOCARDITIS NOS
 093.21 SYPHILITIC MITRAL VALVE
 093.22 SYPHILITIC AORTIC VALVE
 093.23 SYPHILITIC TRICUSPID VALVE
 093.24 SYPHILITIC PULMONARY VALVE
 093.81 SYPHILITIC PERICARDITIS
 093.82 SYPHILITIC MYOCARDITIS
 093.89 CARDIOVASCULAR SYPH NEC
 093.9 CARDIOVASCULAR SYPH NOS
 094.0 TABES DORSALIS
 094.1 GENERAL PARESIS
 094.2 SYPHILITIC MENINGITIS
 094.3 ASYMPTOMATIC NEUROSYPHILIS
 094.81 SYPHILITIC ENCEPHALITIS
 094.82 SYPHILITIC PARKINSONISM
 094.83 SYPH DISSEM RETINITIS
 094.84 SYPHILITIC OPTIC ATROPHY
 094.85 SYPH RETROBULB NEURITIS
 094.86 SYPHIL ACOUSTIC NEURITIS
 094.87 SYPH RUPT CEREB ANEURYSM
 094.89 NEUROSYPHILIS NEC
 094.9 NEUROSYPHILIS NOS
 095.0 SYPHILITIC EPISCLERITIS
 095.1 SYPHILIS OF LUNG
 095.2 SYPHILITIC PERITONITIS
 095.3 SYPHILIS OF LIVER
 095.4 SYPHILIS OF KIDNEY
 095.5 SYPHILIS OF BONE
 095.6 SYPHILIS OF MUSCLE
 095.7 SYPHILIS OF TENDON/BURSA
 095.8 LATE SYMPT SYPHILIS NEC
 095.9 LATE SYMPT SYPHILIS NOS
 096 LATE SYPHILIS LATENT
 097.0 LATE SYPHILIS NOS
 097.1 LATENT SYPHILIS NOS
 097.9 SYPHILIS NOS
 098.40 GONOCOCCAL CONJUNCTIVITIS
 098.41 GONOCOCCAL IRIDOCYCLITIS
 098.42 GONOCOCCAL ENDOPHTHALMIA

098.43 GONOCOCCAL KERATITIS
 098.49 GONOCOCCAL EYE NEC
 098.50 GONOCOCCAL ARTHRITIS
 098.51 GONOCOCCAL SYNOVITIS
 098.52 GONOCOCCAL BURSITIS
 098.53 GONOCOCCAL SPONDYLITIS
 098.59 GC INFECT JOINT NEC
 098.6 GONOCOCCAL INFEC PHARYNX
 098.7 GC INFECT ANUS & RECTUM
 098.81 GONOCOCCAL KERATOSIS
 098.82 GONOCOCCAL MENINGITIS
 098.83 GONOCOCCAL PERICARDITIS
 098.84 GONOCOCCAL ENDOCARDITIS
 098.85 GONOCOCCAL HEART DIS NEC
 098.86 GONOCOCCAL PERITONITIS
 098.89 GONOCOCCAL INF SITE NEC
 320.0 HEMOPHILUS MENINGITIS (ICD9)
 320.1 PNEUMOCOCCAL MENINGITIS (ICD9)
 320.2 STREPTOCOCCAL MENINGITIS (ICD9)
 320.3 STAPHYLOCOCC MENINGITIS (ICD9)
 320.7 MENING IN OTH BACT DIS (ICD9)
 320.8 BACTERIAL MENINGITIS NEC (Begin 1980 (ICD9)
 320.81 ANAEROBIC MENINGITIS (Begin 1992) (ICD9)
 320.82 GRAM NEG MENINGITIS NEC (Begin 1992) (ICD9)
 320.89 OTH BACTER MENINGITIS (Begin 1992) (ICD9)
 320.9 BACTERIAL MENINGITIS NOS (ICD9)
 322.2 CHRONIC MENINGITIS (ICD9)
 323.1 RICKETTSIAL ENCEPHALITIS (ICD9)
 324.0 INTRACRANIAL ABSCESS (ICD9)
 324.1 INTRASPINAL ABSCESS (ICD9)
 324.9 CNS ABSCESS NOS (ICD9)
 421.0 ACUTE AND SUBACUTE BACTERIAL ENDOCARDITIS
 449 SEPTIC ARTERIAL EMBOLISM (Begin 2007) (ICD9)
 519.2 MEDIASTINITIS (ICD9)
 659.30 SEPTICEMIA IN LABOR-UNSP (ICD9)
 659.31 SEPTICEM IN LABOR-DELIV (ICD9)
 659.33 SEPTICEM IN LABOR-ANTEPA (ICD9)
 711.00 PYOGEN ARTHRITIS-UNSPEC (ICD9)
 711.01 PYOGEN ARTHRITIS-SHLDER (ICD9)
 711.02 PYOGEN ARTHRITIS-UP/ARM (ICD9)
 711.03 PYOGEN ARTHRITIS-FOREARM (ICD9)
 711.04 PYOGEN ARTHRITIS-HAND (ICD9)
 711.05 PYOGEN ARTHRITIS-PELVIS (ICD9)
 711.06 PYOGEN ARTHRITIS-L/LEG (ICD9)
 711.07 PYOGEN ARTHRITIS-ANKLE (ICD9)
 711.08 PYOGEN ARTHRITIS NEC (ICD9)
 711.09 PYOGEN ARTHRITIS-MULT (ICD9)
 711.40 BACT ARTHRITIS-UNSPEC (ICD9)
 711.41 BACT ARTHRITIS-SHLDER (ICD9)
 711.42 BACT ARTHRITIS-UP/ARM (ICD9)
 711.43 BACT ARTHRITIS-FOREARM (ICD9)
 711.44 BACT ARTHRITIS-HAND (ICD9)
 711.45 BACT ARTHRITIS-PELVIS (ICD9)
 711.46 BACT ARTHRITIS-L/LEG (ICD9)
 711.47 BACT ARTHRITIS-ANKLE (ICD9)
 711.48 BACT ARTHRITIS NEC (ICD9)
 711.49 BACT ARTHRITIS-MULT (ICD9)
 730.00 AC OSTEOMYELITIS-UNSPEC (ICD9)
 730.01 AC OSTEOMYELITIS-SHLDER (ICD9)
 730.02 AC OSTEOMYELITIS-UP/ARM (ICD9)

730.03 AC OSTEOMYELITIS-FOREARM (ICD9)
 730.04 AC OSTEOMYELITIS-HAND (ICD9)
 730.05 AC OSTEOMYELITIS-PELVIS (ICD9)
 730.06 AC OSTEOMYELITIS-L/LEG (ICD9)
 730.07 AC OSTEOMYELITIS-ANKLE (ICD9)
 730.08 AC OSTEOMYELITIS NEC (ICD9)
 730.09 AC OSTEOMYELITIS-MULT (ICD9)
 730.10 CHR OSTEOMYELITIS-UNSP (ICD9)
 730.11 CHR OSTEOMYELIT-SHLDER (ICD9)
 730.12 CHR OSTEOMYELIT-UP/ARM (ICD9)
 730.13 CHR OSTEOMYELIT-FOREARM (ICD9)
 730.14 CHR OSTEOMYELIT-HAND (ICD9)
 730.15 CHR OSTEOMYELIT-PELVIS (ICD9)
 730.16 CHR OSTEOMYELIT-L/LEG (ICD9)
 730.17 CHR OSTEOMYELIT-ANKLE (ICD9)
 730.18 CHR OSTEOMYELIT NEC (ICD9)
 730.19 CHR OSTEOMYELIT-MULT (ICD9)
 730.20 OSTEOMYELITIS NOS-UNSPEC (ICD9)
 730.21 OSTEOMYELITIS NOS-SHLDER (ICD9)
 730.22 OSTEOMYELITIS NOS-UP/ARM (ICD9)
 730.23 OSTEOMYELIT NOS-FOREARM (ICD9)
 730.24 OSTEOMYELITIS NOS-HAND (ICD9)
 730.25 OSTEOMYELITIS NOS-PELVIS (ICD9)
 730.26 OSTEOMYELITIS NOS-L/LEG (ICD9)
 730.27 OSTEOMYELITIS NOS-ANKLE (ICD9)
 730.28 OSTEOMYELIT NOS-OTH SITE (ICD9)
 730.29 OSTEOMYELITIS NOS-MULT (ICD9)
 730.80 BONE INFECT NEC-UNSPEC (ICD9)
 730.81 BONE INFECT NEC-SHLDER (ICD9)
 730.82 BONE INFECT NEC-UP/ARM (ICD9)
 730.83 BONE INFECT NEC-FOREARM (ICD9)
 730.84 BONE INFECT NEC-HAND (ICD9)
 730.85 BONE INFECT NEC-PELVIS (ICD9)
 730.86 BONE INFECT NEC-L/LEG (ICD9)
 730.87 BONE INFECT NEC-ANKLE (ICD9)
 730.88 BONE INFECT NEC-OTH SITE (ICD9)
 730.89 BONE INFECT NEC-MULT (ICD9)
 730.90 BONE INFEC NOS-UNSP SITE (ICD9)
 730.91 BONE INFECT NOS-SHLDER (ICD9)
 730.92 BONE INFECT NOS-UP/ARM (ICD9)
 730.93 BONE INFECT NOS-FOREARM (ICD9)
 730.94 BONE INFECT NOS-HAND (ICD9)
 730.95 BONE INFECT NOS-PELVIS (ICD9)
 730.96 BONE INFECT NOS-L/LEG (ICD9)
 730.97 BONE INFECT NOS-ANKLE (ICD9)
 730.98 BONE INFECT NOS-OTH SITE (ICD9)
 730.99 BONE INFECT NOS-MULT (ICD9)
 771.81 SEPTICEMIA [SEPSIS] OF NEWBORN (Begin 2002) (ICD9)
 771.83 BACTEREMIA OF NEWBORN (Begin 2002) (ICD9)
 785.52 SEPTIC SHOCK (Begin 2003) (ICD9)
 790.7 BACTEREMIA NOS (ICD9)
 A02.1 Salmonella sepsis (ICD10)
 A17.0+ Tuberculous meningitis (ICD10)
 A17.1+ Meningeal tuberculoma (ICD10)
 A17.8+ Other tuberculosis of nervous system (ICD10)
 A17.9+ Tuberculosis of nervous system, unspecified (ICD10)
 A18.0+ Tuberculosis of bones and joints (ICD10)
 A19.0 Acute miliary tuberculosis of a single specified site
 A19.1 Acute miliary tuberculosis of multiple sites
 A20.3 Plague meningitis

A20.7 Septicemic plague (ICD10)
 A21.7 Generalized tularaemia
 A22.7 Anthrax sepsis (ICD10)
 A23.0 Brucellosis due to *Brucella melitensis* (ICD10)
 A23.1 Brucellosis due to *Brucella abortus* (ICD10)
 A23.2 Brucellosis due to *Brucella suis* (ICD10)
 A23.3 Brucellosis due to *Brucella canis* (ICD10)
 A23.8 Other brucellosis (ICD10)
 A23.9 Brucellosis, unspecified (ICD10)
 A24.1 Acute and fulminating melioidosis
 A25.0 Spirillosis (ICD10)
 A25.1 Streptobacillosis (ICD10)
 A25.9 Rat-bite fever, unspecified (ICD10)
 A32.1 Listerial meningitis and meningoencephalitis
 A32.7 Listerial sepsis
 A39.0+ Meningococcal meningitis (ICD10)
 A39.1+ Waterhouse-Friderichsen syndrome (ICD10)
 A39.2 Acute meningococcaemia
 A39.3 Chronic meningococcaemia
 A39.4 Meningococemia, unspecified (ICD10)
 A39.5 Meningococcal heart disease
 A39.8 Other meningococcal infections (ICD10)
 A39.8+Other meningococcal infections
 A39.9 Meningococcal infection, unspecified (ICD10)
 A40.0 Sepsis due to streptococcus, group A
 A40.1 Sepsis due to streptococcus, group B
 A40.2 Sepsis due to streptococcus, group D
 A40.3 Sepsis due to *Streptococcus pneumoniae* (ICD10)
 A40.8 Other streptococcal sepsis
 A40.9 Streptococcal sepsis, unspecified (ICD10)
 A41.0 Sepsis due to *Staphylococcus aureus*
 A41.1 Sepsis due to other specified staphylococcus
 A41.2 Sepsis due to unspecified staphylococcus (ICD10)
 A41.3 Sepsis due to *Hemophilus influenzae* (ICD10)
 A41.4 Sepsis due to anaerobes (ICD10)
 A41.51 Sepsis due to *Escherichia coli* [*E. Coli*] (ICD10)
 A41.52 Sepsis due to *Pseudomonas* (ICD10)
 A41.58 Sepsis due to other Gram-negative organisms (ICD10)
 A41.8 Other specified septicaemia (ICD10)
 A41.9 Sepsis, unspecified (ICD10)
 A44.0 Systemic bartonellosis
 A48.3 Toxic shock syndrome
 A52.0+ Cardiovascular syphilis (I98.0*) (ICD10)
 A52.1 Symptomatic neurosyphilis (ICD10)
 A52.1+ (no description found)
 A52.2 Asymptomatic neurosyphilis (ICD10)
 A52.3 Neurosyphilis, unspecified
 A52.7 Other symptomatic late syphilis (ICD10)
 A52.7+ (no description found)
 A52.8 Late syphilis, latent (ICD10)
 A65 Nonvenereal syphilis (ICD10)
 A74.0 Chlamydial conjunctivitis (ICD10)
 A74.8 Other chlamydial diseases (ICD10)
 A78 Q fever (ICD10)
 A79.0 Trench fever (ICD10)
 A79.1 Rickettsialpox due to *Rickettsia akari* (ICD10)
 A79.8 Other specified rickettsioses (ICD10)
 A79.9 Rickettsiosis, unspecified (ICD10)
 B95.1 *Streptococcus*, group B, as the cause of diseases classified elsewhere (ICD10)
 G00.0 *Haemophilus meningitis* (ICD10)

G00.1 Pneumococcal meningitis (ICD10)
 G00.1* (no description found)
 G00.2 Streptococcal meningitis (ICD10)
 G00.3 Staphylococcal meningitis (ICD10)
 G00.8 Other bacterial meningitis (ICD10)
 G00.9 Bacterial meningitis, unspecified (ICD10)
 G01 Meningitis in bacterial diseases classified elsewhere
 G03.1 Chronic meningitis (ICD10)
 G05.0 Encephalitis, myelitis and encephalomyelitis in bacterial diseases classified elsewhere
 G06.0 Intracranial abscess and granuloma (ICD10)
 G06.1 Intraspinal abscess and granuloma (ICD10)
 G06.2 Extradural and subdural abscess, unspecified (ICD10)
 G07 Intracranial and intraspinal abscess and granuloma in disease classified elsewhere (ICD10)
 I30.1 Infective pericarditis
 I32.0 Pericarditis in bacterial diseases classified elsewhere
 I33.0 Acute and subacute infective endocarditis
 I41.0 Myocarditis in bacterial diseases classified elsewhere
 J39.0 Retropharyngeal and parapharyngeal abscess (ICD10)
 J39.1 Other abscess of pharynx (ICD10)
 J85.3 Abscess of mediastinum
 M00.90 Pyogenic arthritis, unspecified, multiple sites (ICD10)
 M00.91 Pyogenic arthritis, unspecified, shoulder region (ICD10)
 M00.92 Pyogenic arthritis, unspecified, upper arm (ICD10)
 M00.93 Pyogenic arthritis, unspecified, forearm (ICD10)
 M00.94 Pyogenic arthritis, unspecified, hand (ICD10)
 M00.95 Pyogenic arthritis, unspecified, pelvic region and thigh
 M00.96 Pyogenic arthritis, unspecified, lower leg (ICD10)
 M00.97 Pyogenic arthritis, unspecified, ankle and foot (ICD10)
 M00.98 Pyogenic arthritis, unspecified, other site (ICD10)
 M00.99 Pyogenic arthritis, unspecified, site unspecified (ICD10)
 M01.0 Meningococcal arthritis
 M01.1 Tuberculous arthritis
 M46.2 Osteomyelitis of vertebra
 M46.3 Infection of intervertebral disc (pyogenic)
 M46.4 Discitis, unspecified
 M46.5 Other infective spondylopathies
 M49.0 Tuberculosis of spine
 M49.1 Brucella spondylitis
 M49.2 Enterobacterial spondylitis
 M49.3 Spondylopathy in other infectious and parasitic diseases classified elsewhere
 M72.6 Necrotizing fasciitis
 M73.0 Gonococcal bursitis
 M73.1 Syphilitic bursitis
 M86.0 Acute haematogenous osteomyelitis
 M86.10 Other acute osteomyelitis, unspecified site (ICD10)
 M86.11 Other acute osteomyelitis, shoulder region (ICD10)
 M86.12 Other acute osteomyelitis, upper arm (ICD10)
 M86.13 Other acute osteomyelitis, forearm (ICD10)
 M86.14 Other acute osteomyelitis, hand (ICD10)
 M86.15 Other acute osteomyelitis, pelvic region and thigh (ICD10)
 M86.16 Other acute osteomyelitis, lower leg (ICD10)
 M86.17 Other acute osteomyelitis, ankle and foot (ICD10)
 M86.18 Other acute osteomyelitis, other site (ICD10)
 M86.19 Other acute osteomyelitis, multiple sites (ICD10)
 M86.2 Subacute osteomyelitis
 M86.4 Chronic osteomyelitis with draining sinus
 M86.5 Other chronic osteomyelitis
 M86.60 Other chronic osteomyelitis, unspecified site (ICD10)
 M86.67 Other chronic osteomyelitis, ankle and foot (ICD10)
 M86.68 Other chronic osteomyelitis, other site (ICD10)

M86.69 Other chronic osteomyelitis, multiple sites (ICD10)
M86.8 Other osteomyelitis
M86.90 Unspecified osteomyelitis, multiple sites (ICD10)
M86.91 Unspecified osteomyelitis, shoulder region (ICD10)
M86.92 Unspecified osteomyelitis, upper arm (ICD10)
M86.93 Unspecified osteomyelitis, forearm (ICD10)
M86.94 Unspecified osteomyelitis, hand (ICD10)
M86.95 Unspecified osteomyelitis, pelvic region and thigh (ICD10)
M86.96 Unspecified osteomyelitis, lower leg (ICD10)
M86.97 Unspecified osteomyelitis, ankle and foot (ICD10)
M86.98 Unspecified osteomyelitis, other site (ICD10)
M86.99 Unspecified osteomyelitis, site unspecified (ICD10)
M90.0 Tuberculosis of bone
P36.0 Sepsis of newborn due to streptococcus, group B
P36.1 Sepsis of newborn due to other and unspecified streptococci
P36.2 Sepsis of newborn due to Staphylococcus aureus
P36.3 Sepsis of newborn due to other and unspecified staphylococci
P36.4 Sepsis of newborn due to Escherichia coli
P36.5 Sepsis of newborn due to anaerobes
P36.8 Other bacterial sepsis of newborn
P36.9 Bacterial sepsis of newborn, unspecified
P37.0 Congenital tuberculosis
P37.2 Neonatal (disseminated) listeriosis

Supplementary Table: ICD codes for gastrointestinal infection diagnostic group

001.0	CHOLERA D/T VIB CHOLERAE (ICD9)
001.1	CHOLERA D/T VIB EL TOR (ICD9)
001.9	CHOLERA NOS (ICD9)
002.0	TYPHOID FEVER (ICD9)
002.1	PARATYPHOID FEVER A (ICD9)
002.2	PARATYPHOID FEVER B (ICD9)
002.3	PARATYPHOID FEVER C (ICD9)
002.9	PARATYPHOID FEVER NOS (ICD9)
003.0	SALMONELLA ENTERITIS (ICD9)
003.20	LOCAL SALMONELLA INF NOS (ICD9)
003.29	LOCAL SALMONELLA INF NEC (ICD9)
003.8	SALMONELLA INFECTION NEC (ICD9)
003.9	SALMONELLA INFECTION NOS (ICD9)
004.0	SHIGELLA DYSENTERIAE (ICD9)
004.1	SHIGELLA FLEXNERI (ICD9)
004.2	SHIGELLA BOYDII (ICD9)
004.3	SHIGELLA SONNEI (ICD9)
004.8	SHIGELLA INFECTION NEC (ICD9)
004.9	SHIGELLOSIS NOS (ICD9)
005.0	STAPH FOOD POISONING (ICD9)
005.1	BOTULISM (ICD9)
005.2	FOOD POIS D/T C. PERFRIN (ICD9)
005.3	FOOD POIS: CLOSTRID NEC (ICD9)
005.4	FOOD POIS: V. PARAHAEM (ICD9)
005.8	BACT FOOD POISONING NEC (End 1995) (ICD9)
005.81	FOOD POISONING VIBRIO (Begin 1995) (ICD9)
005.89	OTH BACT FOOD POISONING (Begin 1995) (ICD9)
005.9	FOOD POISONING NOS (ICD9)
006.0	AC AMEBIASIS W/O ABSCESS (ICD9)
006.1	CHR AMEBIASIS W/O ABSCESES (ICD9)
006.2	AMEBIC NONDYSENT COLITIS (ICD9)
006.3	AMEBIC LIVER ABSCESS (ICD9)
006.8	AMEBIC INFECTION NEC
006.9	AMEBIASIS NOS (ICD9)
007.0	BALANTIDIASIS (ICD9)
007.1	GIARDIASIS (ICD9)
007.2	COCCIDIOSIS (ICD9)
007.3	INTEST TRICHOMONIASIS (ICD9)
007.4	OT PROTOZ INTEST DX- CRYPT (Begin 1997) (ICD9)
007.5	CYCLOSPORIASIS (Begin 2000) (ICD9)
007.8	PROTOZOAL INTEST DIS NEC (ICD9)
007.9	PROTOZOAL INTEST DIS NOS (ICD9)
008.0	E. COLI ENTERITIS (Begin 1980) (ICD9)
008.00	E. COLI ENTERITIS-NOS (Begin 1992) (ICD9)
008.01	E. COLI ENTERITIS-PATH (Begin 1992) (ICD9)
008.02	E. COLI ENTERITIS-TOX (Begin 1992) (ICD9)
008.03	E. COLI ENTERITIS-INVAS (Begin 1992) (ICD9)
008.04	E. COLI ENTERITIS-HEMOR (Begin 1992) (ICD9)
008.09	E. COLI ENTERITIS-OTHER (Begin 1992) (ICD9)
008.1	ARIZONA ENTERITIS (ICD9)
008.2	AEROBACTER ENTERITIS (ICD9)
008.3	PROTEUS ENTERITIS (ICD9)
008.41	STAPHYLOCOCC ENTERITIS (ICD9)
008.42	PSEUDOMONAS ENTERITIS (ICD9)
008.43	CAMPYLOBACTER (Begin 1992) (ICD9)
008.44	YERSINIA (Begin 1992) (ICD9)
008.45	CLOSTRIDIUM DIF (Begin 1992) (ICD9)
008.46	OTHER ANAEROBES (Begin 1992) (ICD9)

008.47 OTH GRAM NEG BACT (Begin 1992) (ICD9)
 008.49 BACTERIAL ENTERITIS NEC (ICD9)
 008.5 BACTERIAL ENTERITIS NOS (ICD9)
 008.6 VIRAL ENTERITIS NEC (Begin 1980) (ICD9)
 008.61 ROTAVIRUS ENTERITIS (Begin 1992) (ICD9)
 008.62 ADENOVIR ENTERITIS (Begin 1992) (ICD9)
 008.63 NORWALK VIR ENTERITIS (Begin 1992) (ICD9)
 008.64 SML ROUND VIR ENTERITIS (Begin 1992) (ICD9)
 008.65 CALCIVIRUS ENTERITIS (Begin 1992) (ICD9)
 008.66 ASTROVIRUS ENTERITIS (Begin 1992) (ICD9)
 008.67 ENTERITIS NEC (Begin 1992) (ICD9)
 008.69 ENTERITIS NOS (Begin 1992) (ICD9)
 008.8 VIRAL ENTERITIS NOS (ICD9)
 009.0 INFECTIOUS ENTERITIS NOS (ICD9)
 009.1 ENTERITIS OF INFECT ORIG (ICD9)
 009.2 INFECTIOUS DIARRHEA NOS (ICD9)
 009.3 DIARRHEA OF INFECT ORIG (ICD9)
 021.1 ENTERIC TULAREMIA (ICD9)
 022.2 GASTROINTESTINAL ANTHRAX (ICD9)
 032.83 DIPHTHERITIC PERITONITIS (ICD9)
 039.2 ABDOMINAL ACTINOMYCOSIS (ICD9)
 040.2 WHIPPLE-S DISEASE
 041.86 HELICOBACTER PYLORI INFECTION (Begin 1995) (ICD9)
 078.82 EPIDEMIC VOMITING SYND (ICD9)
 112.85 CANDIDAL ENTERITIS (Begin 1992) (ICD9)
 112.89 CANDIDIASIS SITE NEC (ICD9)
 123.6 HYMENOLEPIASIS (ICD9)
 123.9 CESTODE INFECTION NOS (ICD9)
 126.0 ANCYLOSTOMA DUODENALE (ICD9)
 126.9 ANCYLOSTOMIASIS NOS (ICD9)
 127.1 ANISAKIASIS (ICD9)
 127.2 STRONGYLOIDIASIS (ICD9)
 558.9 NONINF GASTROENTERIT NEC (ICD9)
 A00.0 Cholera due to *Vibrio cholerae* 01, biovar cholerae (ICD10)
 A00.1 Cholera due to *Vibrio cholerae* 01, biovar eltor (ICD10)
 A00.9 Cholera, unspecified (ICD10)
 A01.0 Typhoid fever (ICD10)
 A01.1 Paratyphoid fever A (ICD10)
 A01.2 Paratyphoid fever B (ICD10)
 A01.3 Paratyphoid fever C (ICD10)
 A01.4 Paratyphoid fever, unspecified (ICD10)
 A02.0 *Salmonella* enteritis (ICD10)
 A02.2+ Localised salmonella infections (ICD10)
 A02.8 Other specified salmonella infections (ICD10)
 A02.9 *Salmonella* infection, unspecified (ICD10)
 A03.0 Shigellosis due to *Shigella dysenteriae* (ICD10)
 A03.1 Shigellosis due to *Shigella flexneri* (ICD10)
 A03.2 Shigellosis due to *Shigella boydii* (ICD10)
 A03.3 Shigellosis due to *Shigella sonnei* (ICD10)
 A03.8 Other shigellosis (ICD10)
 A03.9 Shigellosis, unspecified (ICD10)
 A04.0 Enteropathogenic *Escherichia coli* infection (ICD10)
 A04.1 Enterotoxigenic *Escherichia coli* infection (ICD10)
 A04.2 Enteroinvasive *Escherichia coli* infection (ICD10)
 A04.3 Enterohemorrhagic *Escherichia coli* infection (ICD10)
 A04.4 Other intestinal *Escherichia coli* infections (ICD10)
 A04.5 *Campylobacter* enteritis (ICD10)
 A04.6 Enteritis due to *Yersinia enterocolitica* (ICD10)
 A04.7 Enterocolitis due to *Clostridium difficile* (ICD10)
 A04.8 Other specified bacterial intestinal infections (ICD10)

A04.9 Bacterial intestinal infection, unspecified (ICD10)
 A05.0 Foodborne staphylococcal intoxication (ICD10)
 A05.1 Botulism food poisoning (ICD10)
 A05.2 Foodborne Clostridium perfringens [Clostridium welchii] intoxication (ICD10)
 A05.3 Foodborne Vibrio parahaemolyticus intoxication (ICD10)
 A05.4 Foodborne Bacillus cereus intoxication (ICD10)
 A05.8 Other specified bacterial foodborne intoxications (ICD10)
 A05.9 Bacterial foodborne intoxication, unspecified (ICD10)
 A06.0 Acute amebic dysentery (ICD10)
 A06.1 Chronic intestinal amebiasis (ICD10)
 A06.2 Amebic nondysenteric colitis (ICD10)
 A06.3 Amoeboma of intestine (ICD10)
 A06.4 Amebic liver abscess (ICD10)
 A06.9 Amebiasis, unspecified (ICD10)
 A07.0 Balantidiasis (ICD10)
 A07.1 Giardiasis [lambliasis] (ICD10)
 A07.2 Cryptosporidiosis (ICD10)
 A07.3 Isosporiasis (ICD10)
 A07.8 Other specified protozoal intestinal diseases (ICD10)
 A07.9 Protozoal intestinal disease, unspecified (ICD10)
 A08.0 Rotaviral enteritis (ICD10)
 A08.1 Acute gastroenteropathy due to Norwalk agent (ICD10)
 A08.2 Adenoviral enteritis (ICD10)
 A08.3 Other viral enteritis (ICD10)
 A08.4 Viral intestinal infection, unspecified
 A08.5 Other specified intestinal infections (ICD10)
 A09 Infectious gastroenteritis and colitis, unspecified (ICD10)
 A09.0 Other and unspecified gastroenteritis and colitis of infectious origin
 A09.9 Gastroenteritis and colitis of unspecified origin
 A21.3 Gastrointestinal tularemia (ICD10)
 A22.2 Gastrointestinal anthrax (ICD10)
 B37.88 Candidiasis of other sites (ICD10)
 B71.0 Hymenolepiasis (ICD10)
 B71.9 Cestode infection, unspecified (ICD10)
 B76.0 Ancylostomiasis (ICD10)
 B78.9 Strongyloidiasis, unspecified (ICD10)
 B81.0 Anisakiasis (ICD10)
 B96.81 Helicobacter pylori [H. pylori] as the cause of diseases classified to other chapters (ICD10)
 K52.8 Other specified noninfective gastroenteritis and colitis (ICD10)

Supplementary Table: ICD codes for lower respiratory infection diagnostic group

003.22 SALMONELLA PNEUMONIA (ICD9)
006.4 AMEBIC LUNG ABSCESS (ICD9)
010.00 PRIM TB COMPLEX-UNSPEC (ICD9)
010.01 PRIM TB COMPLEX-NO EXAM (ICD9)
010.02 PRIM TB COMPLEX-EXM UNKN (ICD9)
010.03 PRIM TB COMPLEX-MICRO DX (ICD9)
010.04 PRIM TB COMPLEX-CULT DX (ICD9)
010.05 PRIM TB COMPLEX-HISTO DX (ICD9)
010.06 PRIM TB COMPLEX-OTH TEST (ICD9)
010.10 PRIM TB PLEURISY-UNSPEC (ICD9)
010.11 PRIM TB PLEURISY-NO EXAM (ICD9)
010.12 PRIM TB PLEUR-EXAM UNKN (ICD9)
010.13 PRIM TB PLEURIS-MICRO DX (ICD9)
010.14 PRIM TB PLEURISY-CULT DX (ICD9)
010.15 PRIM TB PLEURIS-HISTO DX (ICD9)
010.16 PRIM TB PLEURIS-OTH TEST (ICD9)
010.80 PRIM PROG TB NEC-UNSPEC
010.81 PRIM PROG TB NEC-NO EXAM
010.82 PRIM PR TIB NEC-EXAM UNKN
010.83 PRIM PRG TB NEC-MICRO DX
010.84 PRIM PROG TB NEC-CULT DX
010.85 PRIM PRG TB NEC-HITO DX
010.86 PRIM PRG TB NEC-OTH TEST
010.90 PRIMARY TB NOS-UNSPEC
010.91 PRIMARY TB NOS-NO EXAM
010.92 PRIMARY TB NOS-EXAM UNKN
010.93 PRIMARY TB NOS-MICRO DX
010.94 PRIMARY TB NOS-CULT DX
010.95 PRIMARY TB NOS-HISTO DX
010.96 PRIMARY TB NOS-OTH TEST
011.00 TB LUNG INFILTR-UNSPEC
011.01 TB LUNG INFILTR-NO EXAM
011.02 TB LUNG INFILTR-EXM UNKN
011.03 TB LUNG INFILTR-MICRO DX
011.04 TB LUNG INFILTR-CULT DX
011.05 TB LUNG INFILTR-HISTO DX
011.06 TB LUNG INFILTR-OTH TEST
011.10 TB LUNG NODULAR-UNSPEC
011.11 TB LUNG NODULAR-NO EXAM
011.12 TB LUNG NODULAR-EXAM UNKN
011.13 TB LUNG NODULAR-MICRO DX
011.14 TB LUNG NODULAR-CULT DX
011.15 TB LUNG NODULAR-HISTO DX
011.16 TB LUNG NODULAR-OTH TEST
011.20 TB LUNG W CAVITY-UNSPEC
011.21 TB LUNG W CAVITY-NO EXAM
011.22 TB LUNG W CAVITY-EXAM UNKN
011.23 TB LUNG W CAVITY-MICRO DX
011.24 TB LUNG W CAVITY-CULT DX
011.25 TB LUNG W CAVITY-HISTO DX
011.26 TB LUNG W CAVITY-OTH TEST
011.30 TB OF BRONCHUS-UNSPEC
011.31 TB OF BRONCHUS- NO EXAM
011.32 TB OF BRONCHUS-EXAM UNKN
011.33 TB OF BRONCHUS- MICRO DX
011.34 TB OF BRONCHUS- CULT DX
011.35 TB OF BRONCHUS- HISTO DX

011.36 TB OF BRONCHUS- OTH TEST
011.40 TB LUNG FIBROSIS- UNSPEC
011.41 TB LUNG FIBROSIS- NO EXAM
011.42 TB LUNG FIBROSIS- EXAM UNKN
011.43 TB LUNG FIBROSIS- MICRO DX
011.44 TB LUNG FIBROSIS- CULT DX
011.45 TB LUNG FIBROSIS- HISTO DX
011.46 TB LUNG FIBROSIS- OTH TEST
011.50 TB BRONCHIECTASIS- UNSPEC
011.51 TB BRONCHIECTASIS- NO EXAM
011.52 TB BRONCHIECTASIS- EXAM UNKN
011.53 TB BRONCHIECTASIS- MICRO DX
011.54 TB BRONCHIECTASIS- CULT DX
011.55 TB BRONCHIECTASIS- HISTO DX
011.56 TB BRONCHIECTASIS- OTH TEST
011.60 TB PNEUMONIA- UNSPEC
011.61 TB PNEUMONIA- NO EXAM
011.62 TB PNEUMONIA- EXAM UNKN
011.63 TB PNEUMONIA- MICRO DX
011.64 TB PNEUMONIA- CULT DX
011.65 TB PNEUMONIA- HISTO DX
011.66 TB PNEUMONIA- OTH TEST
011.70 TB PNEUMOTHORAX- UNSPEC
011.71 TB PNEUMOTHORAX- NO EXAM
011.72 TB PNEUMOTHORAX- EXAM UNKN
011.73 TB PNEUMOTHORAX- MICRO DX
011.74 TB PNEUMOTHORAX- CULT DX
011.75 TB PNEUMOTHORAX- HISTO DX
011.76 TB PNEUMOTHORAX- OTH TEST
011.80 PULMONARY TB NEC- UNSPEC
011.81 PULMONARY TB NEC- NO EXAM
011.82 PULMONARY TB NEC- EXAM UNKN
011.83 PULMONARY TB NEC- MICRO DX
011.84 PULMONARY TB NEC- CULT DX
011.85 PULMONARY TB NEC- HISTO DX
011.86 PULMONARY TB NEC- OTH TEST
011.90 PULMONARY TB NOS- UNSPEC
011.91 PULMONARY TB NOS- NO EXAM
011.92 PULMONARY TB NOS- EXAM UNKN
011.93 PULMONARY TB NOS- MICRO DX
011.94 PULMONARY TB NOS- CULT DX
011.95 PULMONARY TB NOS- HISTO DX
011.96 PULMONARY TB NOS- OTH TEST
012.00 TB PLEURISY- UNSPEC
012.01 TB PLEURISY- NO EXAM
012.02 TB PLEURISY- EXAM UNKN
012.03 TB PLEURISY- MICRO DX
012.04 TB PLEURISY- CULT DX
012.05 TB PLEURISY- HISTO DX
012.06 TB PLEURISY- OTH TEST
012.10 TB THORACIC NODES- UNSPEC
012.11 TB THORACIC NODES- NO EXAM
012.12 TB THORACIC NODES- EXAM UNKN
012.13 TB THORACIC NODES- MICRO DX
012.14 TB THORACIC NODES- CULT DX
012.15 TB THORACIC NODES- HISTO DX
012.16 TB THORACIC NODES- OTH TEST
018.00 ACUTE MILIARY TB- UNSPEC
018.01 ACUTE MILIARY TB- NO EXAM
018.02 ACUTE MILIARY TB- EXAM UNKN

018.03 ACUTE MILIARY TB- MICRO DX
 018.04 ACUTE MILIARY TB- CULT DX
 018.05 ACUTE MILIARY TB- HISTO DX
 018.06 ACUTE MILIARY TB- OTH TEST
 018.80 MILIARY TB NEC- UNSPEC
 018.81 MILIARY TB NEC- NO EXAM
 018.82 MILIARY TB NEC- EXAM UNKN
 018.83 MILIARY TB NEC- MICRO DX
 018.84 MILIARY TB NEC- CULT DX
 018.85 MILIARY TB NEC- HISTO DX
 018.86 MILIARY TB NEC- OTH TEST
 018.90 MILIARY TB NOS- UNSPEC
 018.91 MILIARY TB NOS-NO EXAM
 018.92 MILIARY TB NOS- EXAM UNKN
 018.93 MILIARY TB NOS-MICRO DX
 018.94 MILIARY TB NOS- CULT DX
 018.95 MILIARY TB NOS-HISTO DX
 018.96 MILIARY TB NOS- OTH TEST
 020.3 PRIMARY PNEUMONIC PLAGUE (ICD9)
 020.4 SECONDARY PNEUMON PLAGUE (ICD9)
 020.5 PNEUMONIC PLAGUE NOS (ICD9)
 021.2 PULMONARY TULAREMIA (ICD9)
 022.1 PULMONARY ANTHRAX (ICD9)
 024 GLANDERS
 031.0 PULMONARY MYCOBACTERIA (ICD9)
 033.0 BORDETELLA PERTUSSIS (ICD9)
 033.1 BORDETELLA PARAPERTUSSIS (ICD9)
 033.8 WHOOPING COUGH NEC (ICD9)
 033.9 WHOOPING COUGH NOS (ICD9)
 039.1 PULMONARY ACTINOMYCOSIS (ICD9)
 052.1 VARICELLA PNEUMONITIS (ICD9)
 055.1 POSTMEASLES PNEUMONIA (ICD9)
 073.0 ORNITHOSIS PNEUMONIA (ICD9)
 073.7 ORNITHOSIS COMPLICAT NEC (ICD9)
 073.8 ORNITHOSIS COMPLICAT NOS (ICD9)
 073.9 ORNITHOSIS NOS (ICD9)
 079.0 ADENOVIRUS INFECT NOS (ICD9)
 079.6 RESPIR SYNCITAL VIRUS (Begin 1996) (ICD9)
 079.82 SARS-ASSOCIATED CORONAVIRUS (Begin 2003) (ICD9)
 112.4 CANDIDIASIS OF LUNG (ICD9)
 114.0 PRIMARY COCCIDIOIDOMYCOSIS (ICD9)
 114.4 CHRONIC PULMON COCCIDIOIDOMYCOSIS (Begin 1993) (ICD9)
 114.5 UNSPEC PULMON COCCIDIOIDOMYCOSIS (Begin 1993) (ICD9)
 115.05 HISTOPLASM CAPS PNEUMON (ICD9)
 115.10 HISTOPLASMA DUBOISII NOS (ICD9)
 115.15 HISTOPLASM DUB PNEUMONIA (ICD9)
 115.90 HISTOPLASMOSIS NOS (ICD9)
 115.95 HISTOPLASMOSIS PNEUMONIA (ICD9)
 130.4 TOXOPLASMA PNEUMONITIS (ICD9)
 136.3 PNEUMOCYSTOSIS (ICD9)
 464.4 CROUP (ICD9)
 466.0 ACUTE BRONCHITIS (ICD9)
 466.1 ACUTE BRONCHIOLITIS (End 1996) (ICD9)
 466.11 RSV BRONCHIOLITIS (Begin 1996) (ICD9)
 466.19 OTH ACUTE BRONCHIOL (Begin 1996) (ICD9)
 480.0 ADENOVIRAL PNEUMONIA (ICD9)
 480.1 RESP SYNCYT VIRAL PNEUM (ICD9)
 480.2 PARINFLUENZA VIRAL PNEUM (ICD9)
 480.3 PNEUMONIA DUE TO SARS-ASSOCIATED CORONAVIRUS (Begin 2003) (ICD9)
 480.8 VIRAL PNEUMONIA NEC (ICD9)

480.9 VIRAL PNEUMONIA NOS (ICD9)
 481 PNEUMOCOCCAL PNEUMONIA (ICD9)
 481.9 (no description found)
 482.0 K. PNEUMONIAE PNEUMONIA (ICD9)
 482.1 PSEUDOMONAL PNEUMONIA (ICD9)
 482.2 H.INFLUENZAE PNEUMONIA (ICD9)
 482.3 STREPTOCOCCAL PNEUMONIA (Begin 1980 (ICD9)
 482.30 STREP PNEUMONIA UNSPEC (Begin 1992) (ICD9)
 482.31 GRP A STREP PNEUMONIA (Begin 1992) (ICD9)
 482.32 GRP B STREP PNEUMONIA (Begin 1992) (ICD9)
 482.39 OTH STREP PNEUMONIA (Begin 1992) (ICD9)
 482.4 STAPHYLOCOCCAL PNEUMONIA (End 1998) (ICD9)
 482.40 STAPH PNEUMONIA UNSP (Begin 1998) (ICD9)
 482.41 STAPH AUREUS PNEUMON (Begin 1998) (ICD9)
 482.42 (no description found)
 482.49 STAPH PNEUMON OTH (Begin 1998) (ICD9)
 482.8 BACTERIAL PNEUMONIA NEC (Begin 1980 (ICD9)
 482.81 ANAEROBIC PNEUMONIA (Begin 1992) (ICD9)
 482.82 E COLI PNEUMONIA (Begin 1992) (ICD9)
 482.83 OTH GRAM NEG PNEUMONIA (Begin 1992) (ICD9)
 482.84 LEGIONNAIRES DX (Begin 1997) (ICD9)
 482.89 BACT PNEUMONIA NEC (Begin 1992) (ICD9)
 482.9 BACTERIAL PNEUMONIA NOS (ICD9)
 483 PNEUMONIA: ORGANISM NEC (Begin 1980 (ICD9)
 483.0 MYCOPLASMA PNEUMONIA (Begin 1992) (ICD9)
 483.1 CHLAMYDIA PNEUMONIA (Begin 1996) (ICD9)
 483.8 OTH SPEC ORG PNEUMONIA (Begin 1992) (ICD9)
 484.1 PNEUM W CYTOMEG INCL DIS (ICD9)
 484.3 PNEUMONIA IN WHOOP COUGH (ICD9)
 484.5 PNEUMONIA IN ANTHRAX (ICD9)
 484.6 PNEUM IN ASPERGILLOSIS (ICD9)
 484.7 PNEUM IN OTH SYS MYCOSES (ICD9)
 484.8 PNEUM IN INFECT DIS NEC (ICD9)
 485 BRONCOPNEUMONIA ORG NOS (ICD9)
 486 PNEUMONIA- ORGANISM NOS (ICD9)
 487.0 INFLUENZA WITH PNEUMONIA (ICD9)
 487.1 FLU W RESP MANIFEST NEC (ICD9)
 487.8 FLU W MANIFESTATION NEC (ICD9)
 488.01 FLU D/T IDENTIFIED AVIAN FLU VIRUS WITH PNEUMONIA
 488.02 FLU D/T IDENTIFIED AVIAN FLU VIRUS WITH OTHER RESPIRATORY
 MANIFESTATIONS
 488.11 FLU D/T IDENTIFIED 2009 H1N1 FLU VIRUS WITH PNEUMONIA
 488.12 FLU D/T IDENTIFIED 2009 H1N1 FLU VIRUS WITH OTHER RESPIRATORY
 MANIFESTATIONS
 488.81 FLU D/T IDENTIFIED NOVEL INFLUENZA A VIRUS W/ PNEUMONIA
 488.82 FLU D/T IDENTIFIED NOVEL INFLUENZA A VIRUS W/ OTHER RESP MANIF
 490 BRONCHITIS NOS
 491.0 SIMPLE CHR BRONCHITIS (ICD9)
 491.1 MUCOPURUL CHR BRONCHITIS (ICD9)
 491.2 OBSTRUCT CHR BRONCHITIS (Begin 1980 (ICD9)
 491.20 OBS CHR BRNC W/O ACT EXA (Begin 1991) (ICD9)
 491.21 OBS CHR BRNC W ACT EXA (Begin 1991) (ICD9)
 491.22 OBS CHR BRNC W AC BRNC (Begin 2004) (ICD9)
 491.8 CHRONIC BRONCHITIS NEC (ICD9)
 491.9 CHRONIC BRONCHITIS NOS (ICD9)
 494 BRONCHIECTASIS (End 2000) (ICD9)
 494.0 BRONCHIECTASIS W/O ACUTE EXACERBATN (Begin 2000) (ICD9)
 494.1 BRONCHIECTASIS W/ACUTE EXACERBATION (Begin 2000) (ICD9)
 510.0 EMPYEMA WITH FISTULA
 510.9 EMPYEMA W/O FISTULA

513.0 ABSCESS OF LUNG (ICD9)
513.1 ABSCESS OF MEDIASTINUM
517.1 RHEUMATIC PNEUMONIA (ICD9)
770.0 CONGENITAL PNEUMONIA

A06.5+ Amebic lung abscess (ICD10)
A15.0 Tuberculosis of lung
A15.1 Tuberculosis of lung, confirmed by culture only
A15.2 Tuberculosis of lung, confirmed histologically
A15.3 Tuberculosis of lung, confirmed by unspecified means
A15.4 Tuberculosis of intrathoracic lymph nodes
A15.5 Tuberculosis of larynx, trachea and bronchus
A15.6 Tuberculosis pleurisy
A15.7 Primary respiratory tuberculosis
A15.8 Other respiratory tuberculosis
A15.9 Respiratory tuberculosis unspecified, confirmed bacteriologically and histologically
A16.0 Tuberculosis of lung, bacteriologically and histologically negative
A16.1 Tuberculosis of lung, bacteriological and histological examination not done
A16.2 Tuberculosis of lung, without mention of bacteriological or histological confirmation
A16.3 Tuberculosis of intrathoracic lymph nodes, without mention of bacteriological or histological confirmation
A16.4 Tuberculosis of larynx, trachea and bronchus, without mention of bacteriological or histological confirmation
A16.5 Tuberculous pleurisy, without mention of bacteriological or histological confirmation
A16.7 Primary respiratory tuberculosis, without mention of bacteriological or histological confirmation
A16.8 Other respiratory tuberculosis, without mention of bacteriological or histological confirmation
A16.9 Respiratory tuberculosis unspecified, without mention of bacteriological or histological confirmation
A19.2 Acute miliary tuberculosis, unspecified (ICD10)
A19.8 Other miliary tuberculosis (ICD10)
A19.9 Miliary tuberculosis, unspecified (ICD10)
A20.2 Pneumonic plague (ICD10)
A21.2 Pulmonary tularemia (ICD10)
A22.1 Pulmonary anthrax (ICD10)
A24.0 Glanders
A31.0 Pulmonary mycobacterial infection (ICD10)
A37.0 Whooping cough due to Bordetella pertussis (ICD10)
A37.1 Whooping cough due to Bordetella parapertussis (ICD10)
A37.8 Whooping cough due to other Bordetella species (ICD10)
A37.9 Whooping cough, unspecified (ICD10)
A42.0 Pulmonary actinomycosis (ICD10)
A48.1 Legionnaires disease
A70 Chlamydia psittaci infections (ICD10)
A70+ (no description found)
B01.2+ Varicella pneumonia (ICD10)
B05.2+ Measles complicated by pneumonia (ICD10)
B34.0 Adenovirus infection, unspecified (ICD10)
B37.1 Pulmonary candidiasis (ICD10)
B38.0 Acute pulmonary coccidioidomycosis (ICD10)
B38.1 Chronic pulmonary coccidioidomycosis (ICD10)
B38.2 Pulmonary coccidioidomycosis, unspecified (ICD10)
B39.0 Acute pulmonary histoplasmosis capsulati
B39.1 Chronic pulmonary histoplasmosis capsulati
B39.2 Pulmonary histoplasmosis capsulati, unspecified (ICD10)
B39.3 Disseminated histoplasmosis capsulati
B39.4 Histoplasmosis capsulati, unspecified
B39.5 Histoplasmosis duboisii (ICD10)
B39.9 Histoplasmosis, unspecified (ICD10)
B40.0 Acute pulmonary blastomycosis
B40.1 Chronic pulmonary blastomycosis
B40.2 Pulmonary blastomycosis, unspecified
B40.3 Cutaneous blastomycosis

B40.7 Disseminated blastomycosis
 B40.8 Other forms of blastomycosis
 B41.0 Pulmonary paracoccidioidomycosis
 B42.0+ Pulmonary sporotrichosis
 B44.0 Invasive pulmonary aspergillosis
 B44.1 Other pulmonary aspergillosis
 B45.0 Pulmonary cryptococcosis
 B58.3+ Pulmonary toxoplasmosis (ICD10)
 B59 Pneumocystosis (ICD10)
 J05.0 Acute obstructive laryngitis [croup] (ICD10)
 J09 Influenza due to certain identified influenza virus
 J10.0 Influenza with pneumonia, influenza virus identified (ICD10)
 J10.1 Influenza due to other influenza virus with respiratory manifestations (ICD10)
 J11.0 Influenza with pneumonia, virus not identified (ICD10)
 J11.1 Influenza with other respiratory manifestations, virus not identified (ICD10)
 J12.0 Adenoviral pneumonia (ICD10)
 J12.1 Respiratory syncytial virus pneumonia (ICD10)
 J12.2 Parainfluenza virus pneumonia (ICD10)
 J12.3 Human metapneumovirus pneumonia
 J12.8 Other viral pneumonia (ICD10)
 J12.9 Viral pneumonia, unspecified (ICD10)
 J13 Pneumonia due to *Streptococcus pneumoniae* (ICD10)
 J14 Pneumonia due to *Hemophilus influenzae* (ICD10)
 J15.0 Pneumonia due to *Klebsiella pneumoniae* (ICD10)
 J15.1 Pneumonia due to *Pseudomonas* (ICD10)
 J15.2 Pneumonia due to staphylococcus (ICD10)
 J15.3 Pneumonia due to streptococcus, group B (ICD10)
 J15.4 Pneumonia due to other streptococci (ICD10)
 J15.5 Pneumonia due to *Escherichia coli* (ICD10)
 J15.6 Pneumonia due to other aerobic Gram-negative bacteria (ICD10)
 J15.7 Pneumonia due to *Mycoplasma pneumoniae* (ICD10)
 J15.8 Pneumonia due to other specified bacteria (ICD10)
 J15.9 Unspecified bacterial pneumonia (ICD10)
 J16.0 Chlamydial pneumonia
 J16.8 Pneumonia due to other specified infectious organisms (ICD10)
 J17.0* Pneumonia in bacterial diseases classified elsewhere (ICD10)
 J17.1* Pneumonia in viral diseases classified elsewhere (ICD10)
 J17.2* Pneumonia in mycoses (ICD10)
 J17.3 Pneumonia in parasitic diseases
 J17.8* Pneumonia in other diseases classified elsewhere (ICD10)
 J18.0 Bronchopneumonia, unspecified organism (ICD10)
 J18.1 Lobar pneumonia, unspecified
 J18.8 Other pneumonia, unspecified organism (ICD10)
 J18.9 Pneumonia, unspecified
 J20.0 Acute bronchitis due to *Mycoplasma pneumoniae* (ICD10)
 J20.1 Acute bronchitis due to *Hemophilus influenzae* (ICD10)
 J20.2 Acute bronchitis due to streptococcus (ICD10)
 J20.3 Acute bronchitis due to coxsackievirus (ICD10)
 J20.4 Acute bronchitis due to parainfluenza virus (ICD10)
 J20.5 Acute bronchitis due to respiratory syncytial virus (ICD10)
 J20.6 Acute bronchitis due to rhinovirus (ICD10)
 J20.7 Acute bronchitis due to echovirus (ICD10)
 J20.8 Acute bronchitis due to other specified organisms (ICD10)
 J20.9 Acute bronchitis, unspecified (ICD10)
 J21.0 Acute bronchiolitis due to respiratory syncytial virus
 J21.1 Acute bronchiolitis due to human megapneumovirus
 J21.8 Acute bronchiolitis due to other specified organisms
 J21.9 Acute bronchiolitis, unspecified (ICD10)
 J22 Unspecified acute lower respiratory infection (ICD10)
 J22.0 (no description found)

J40 Bronchitis, not specified as acute or chronic
J41.0 Simple chronic bronchitis (ICD10)
J41.1 Mucopurulent chronic bronchitis (ICD10)
J41.8 Mixed simple and mucopurulent chronic bronchitis
J42 Unspecified chronic bronchitis (ICD10)
J44.0 Chronic obstructive pulmonary disease with acute lower respiratory infection
J47 Bronchiectasis (ICD10)
J65 Pneumoconiosis associated with tuberculosis
J85.0 Gangrene and necrosis of lung
J85.1 Abscess of lung with pneumonia
J85.2 Abscess of lung without pneumonia (ICD10)
J86.0 Pyothorax with fistula
J86.9 Pyothorax without fistula
P23.0 Congenital pneumonia due to viral agent
P23.2 Congenital pneumonia due to staphylococcus
P23.3 Congenital pneumonia due to staphylococcus, group B
P23.4 Congenital pneumonia due to Escherichia coli
P23.5 Congenital pneumonia due to Pseudomonas
P23.6 Congenital pneumonia due to other bacterial agents
P23.8 Congenital pneumonia due to other organisms
P23.9 Congenital pneumonia, unspecified

Supplementary Table: ICD codes for skin and soft tissue infection diagnostic group

006.6 AMEBIC SKIN ULCERATION (ICD9)
020.1 CELLULOCUTANEOUS PLAGUE
022.0 CUTANEOUS ANTHRAX
031.1 CUTANEOUS MYCOBACTERIA (ICD9)
032.85 CUTANEOUS DIPHTHERIA
035 ERYSIPELAS (ICD9)
039.0 CUTANEOUS ACTINOMYCOSIS
039.4 MADURA FOOT
040.0 GAS GANGRENE
040.42 WOUND BOTULISM
040.81 TROPICAL PYOMYOSITIS
054.0 ECZEMA HERPETICUM (ICD9)
110.0 DERMATOPHYT SCALP/BEARD
110.1 DERMATOPHYTOSIS OF NAIL
110.2 DERMATOPHYTOSIS OF HAND
110.3 DERMATOPHYTOSIS OF GROIN
110.4 DERMATOPHYTOSIS OF FOOT
110.5 DERMATOPHYTOSIS OF BODY
110.6 DEEP DERMATOPHYTOSIS
110.8 DERMATOPHYTOSIS SITE NEC
110.9 DERMATOPHYTOSIS SITE NOS (ICD9)
111.0 PITYRIASIS VERSICOLOR
111.1 TINEA NIGRA
111.2 TINEA BLANCA
111.3 BLACK PIEDRA
111.8 DERMATOMYCOSES NEC
111.9 DERMATOMYCOSES NOS
112.3 CUTANEOUS CANDIDIASIS (ICD9)
132.0 PEDICULUS CAPITIS (ICD9)
132.1 PEDICULUS CORPORIS (ICD9)
132.2 PHTHIRUS PUBIS (ICD9)
132.3 MIXED PEDICUL & PHTHIRUS (ICD9)
132.9 PEDICULOSIS NOS (ICD9)
133.0 SCABIES (ICD9)
133.8 ACARIASIS NEC (ICD9)
133.9 ACARIASIS NOS (ICD9)
134.0 MYIASIS (ICD9)
134.1 ARTHROPOD INFEST NEC (ICD9)
134.2 HIRUDINIASIS (ICD9)
134.8 INFESTATION NEC (ICD9)
134.9 INFESTATION NOS (ICD9)
376.01 ORBITAL CELLULITIS (ICD9)
380.10 INFEC OTITIS EXTERNA NOS (ICD9)
380.11 ACUTE INFECTION OF PINNA (ICD9)
675.00 INFECT NIPPLE PREG-UNSP
675.01 INFECT NIPPLE-DELIVERED
675.02 INFECT NIPPLE-DEL W P/P
675.03 INFECT NIPPLE-ANTEPARTUM
675.04 INFECT NIPPLE-POSTPARTUM
675.10 BREAST ABSCESS PREG-UNSP
675.11 BREAST ABSCESS-DELIVERED
675.12 BREAST ABSCESS-DEL W P/P
675.13 BREAST ABSCESS-ANTEPARTUM
675.14 BREAST ABSCESS-POSTPARTUM
675.20 MASTITIS IN PREG- UNSP
675.21 MASTITIS- DELIVERED
675.22 MASTITIS- DEL W P/P
675.23 MASTITIS- ANTEPARTUM

675.24 MASTITIS- POSTPARTUM
675.80 BREAST INF PREG NEC-UNSP
675.81 BREAST INF NEC- DELIVERED
675.82 BREAST INF NEC- DEL W P/P
675.83 BREAST INF NEC- ANTEPARTUM
675.84 BREAST INF NEC- POSTPARTUM
675.90 BREAST INF PREG NOS-UNSP
675.91 BREAST INF NOS- DELIVERED
675.92 BREAST INF NOS- DEL W P/P
675.93 BREAST INF NOS- ANTEPARTUM
675.94 BREAST INF NOS- POSTPARTUM
680.0 CARBUNCLE OF FACE (ICD9)
680.1 CARBUNCLE OF NECK (ICD9)
680.2 CARBUNCLE OF TRUNK (ICD9)
680.3 CARBUNCLE OF ARM (ICD9)
680.4 CARBUNCLE OF HAND
680.5 CARBUNCLE OF BUTTOCK (ICD9)
680.6 CARBUNCLE OF LEG (ICD9)
680.7 CARBUNCLE OF FURUNCLE OF FOOT
680.8 CARBUNCLE- SITE NEC (ICD9)
680.9 CARBUNCLE NOS (ICD9)
681.00 CELLULITIS- FINGER NOS (ICD9)
681.01 FELON
681.02 ONYCHIA OF FINGER
681.10 CELLULITIS- TOE NOS (ICD9)
681.11 ONYCHIA OF TOE
681.9 CELLULITIS OF DIGIT NOS
682.0 CELLULITIS OF FACE (ICD9)
682.1 CELLULITIS OF NECK (ICD9)
682.2 CELLULITIS OF TRUNK (ICD9)
682.3 CELLULITIS OF ARM (ICD9)
682.4 CELLULITIS OF HAND (ICD9)
682.5 CELLULITIS OF BUTTOCK (ICD9)
682.6 CELLULITIS OF LEG (ICD9)
682.7 CELLULITIS OF FOOT (ICD9)
682.8 CELLULITIS- SITE NEC (ICD9)
682.9 CELLULITIS NOS (ICD9)
684 IMPETIGO (ICD9)
685.0 PILONIDAL CYST W ABSCESS
685.1 PILONIDAL CYST W/O ABSC (ICD9)
686.0 PYODERMA (End 1997) (ICD9)
686.00 PYODERMA NOS
686.01 PYODERMA GANGREN
686.09 PYODERMA NEC
686.1 PYOGENIC GRANULOMA
686.8 LOCAL SKIN INFECTION NEC
686.9 LOCAL SKIN INFECTION NOS (ICD9)
690.8 OTHER ERYTHEMATOSQUAMOUS DERMATOSIS
694.0 DERMATITIS HERPETIFORMIS
694.1 SUBCORNEAL PUST DERMATOS
694.2 JUVEN DERMAT HERPETIFORM
694.3 IMPETIGO HERPETIFORMIS
771.5 NEONATAL INFEC MASTITISA06.7 Cutaneous amebiasis (ICD10)
A31.1 Cutaneous mycobacterial infection (ICD10)
A46 Erysipelas (ICD10)
B00.0 Eczema herpeticum (ICD10)
B35.0 Tinea barbae and tinea capitis
B35.1 Tinea unguium
B35.2 Tinea manuum
B35.3 Tinea pedis

B35.4 Tinea corporis
 B35.5 Tinea imbricate
 B35.6 Tinea cruris
 B35.8 Other dermatophytoses
 B35.9 Dermatitis, unspecified (ICD10)
 B36.0 Pityriasis versicolor
 B36.1 Tinea nigra
 B36.2 White piedra
 B36.3 Black piedra
 B36.8 Other specified superficial mycoses
 B37.2 Candidiasis of skin and nail (ICD10)
 B85.0 Pediculosis due to *Pediculus humanus capitis* (ICD10)
 B85.1 Pediculosis due to *Pediculus humanus corporis* (ICD10)
 B85.2 Pediculosis, unspecified (ICD10)
 B85.3 Phthiriasis (ICD10)
 B85.4 Mixed pediculosis and phthiriasis (ICD10)
 B86 Scabies (ICD10)
 B87.9 Myiasis, unspecified (ICD10)
 B88.0 Other acariasis (ICD10)
 B88.1 Tungiasis [sandflea infestation] (ICD10)
 B88.2 Other arthropod infestations (ICD10)
 B88.3 External hirudiniasis (ICD10)
 B88.8 Other specified infestations (ICD10)
 B88.9 Infestation, unspecified (ICD10)
 H60.3 Other infective otitis externa (ICD10)
 L00 Staphylococcal scalded skin syndrome
 L01.0 Impetigo [any organism] [any site] (ICD10)
 L02.0 Cutaneous abscess, furuncle and carbuncle of face (ICD10)
 L02.1 Cutaneous abscess, furuncle and carbuncle of neck (ICD10)
 L02.2 Cutaneous abscess, furuncle and carbuncle of trunk (ICD10)
 L02.3 Cutaneous abscess, furuncle and carbuncle of buttock (ICD10)
 L02.4 Cutaneous abscess, furuncle and carbuncle of limb (ICD10)
 L02.8 Cutaneous abscess, furuncle and carbuncle of other sites (ICD10)
 L02.9 Cutaneous abscess, furuncle and carbuncle, unspecified (ICD10)
 L03.01 Cellulitis of finger (ICD10)
 L03.02 Cellulitis of toe (ICD10)
 L03.10 Cellulitis of upper limb (ICD10)
 L03.11 Cellulitis of lower limb (ICD10)
 L03.2 Cellulitis of face (ICD10)
 L03.3 Cellulitis of trunk (ICD10)
 L03.8 Cellulitis of other sites (ICD10)
 L03.9 Cellulitis, unspecified (ICD10)
 L05.0 Pilonidal cyst with abscess
 L05.9 Pilonidal cyst without abscess (ICD10)
 L08.0 Pyoderma (ICD10)
 L08.1 Erythrasma
 L08.8 Other specified local infections of skin and subcutaneous tissue
 L08.9 Local infection of the skin and subcutaneous tissue, unspecified
 L13.0 Dermatitis herpetiformis
 L30.3 Infective dermatitis
 L88 Pyoderma gangrenosum
 M60.09 Infective myositis, multiple sites
 M63.0 Myositis in bacterial diseases classified elsewhere
 M63.1 Myositis in protozoal and parasitic infections classified elsewhere
 M63.2 Myositis in other infectious diseases classified elsewhere
 M65.0 Abscess of tendon sheath
 M65.1 Other infective (teno)synovitis
 M68.0 Synovitis and tenosynovitis in bacterial diseases classified elsewhere
 M71.0 Abscess of bursa
 M71.1 Other infective bursitis

O91.00 Infection of nipple associated with childbirth, without mention of attachment difficulty
O91.10 Abscess of breast associated with childbirth, without mention of attachment difficulty
P39.0 Neonatal infective mastitis
P39.4 Neonatal skin infection

Supplementary Table: ICD codes for upper respiratory infection diagnostic group

032.0 FAUCIAL DIPHTHERIA (ICD9)
032.1 NASOPHARYNX DIPHTHERIA (ICD9)
032.2 ANT NASAL DIPHTHERIA (ICD9)
032.3 LARYNGEAL DIPHTHERIA (ICD9)
034.0 STREP SORE THROAT (ICD9)
040.1 RHINOSCLEROMA
055.2 POSTMEASLES OTITIS MEDIA (ICD9)
079.3 RHINOVIRUS INFECT NOS (ICD9)
381.00 AC NONSUP OTITIS MED NOS (ICD9)
381.01 AC SEROUS OTITIS MEDIA (ICD9)
381.02 AC MUCOID OTITIS MEDIA (ICD9)
381.03 ACUTE SANGUINOUS OTITIS MEDIA
381.10 CHR SEROUS OM SIMP/NOS (ICD9)
381.19 CHR SEROUS OM NEC (ICD9)
381.20 CHR MUCOID OM SIMP/NOS (ICD9)
381.29 CHR MUCOID OM NEC (ICD9)
381.3 CHR NONSUP OM NOS/NEC (ICD9)
381.4 NONSUPP OTITIS MEDIA NOS (ICD9)
382.00 AC SUPP OTITIS MEDIA NOS (ICD9)
382.01 AC SUPP OM W DRUM RUPT (ICD9)
382.02 AC SUPP OM IN OTH DIS (ICD9)
382.1 CHR TUBOTYMPAN SUPPUR OM (ICD9)
382.2 CHR ATTICOANTRAL SUP OM (ICD9)
382.3 CHR SUP OTITIS MEDIA NOS (ICD9)
382.4 SUPPUR OTITIS MEDIA NOS (ICD9)
382.9 OTITIS MEDIA NOS (ICD9)
383.00 AC MASTOIDITIS W/O COMPL (ICD9)
383.01 SUBPERI MASTOID ABSCESS (ICD9)
383.02 AC MASTOIDITIS-COMPL NEC (ICD9)
383.1 CHRONIC MASTOIDITIS (ICD9)
383.20 PETROSITIS NOS (ICD9)
383.21 ACUTE PETROSITIS (ICD9)
383.22 CHRONIC PETROSITIS (ICD9)
383.30 POSTMASTOID COMPL NOS (ICD9)
383.31 POSTMASTOID MUCOSAL CYST (ICD9)
383.32 POSTMASTOID CHOLESTEATMA (ICD9)
383.33 POSTMASTOID GRANULATIONS (ICD9)
383.89 DISORDERS OF MASTOID NEC (ICD9)
383.9 MASTOIDITIS NOS (ICD9)
384.00 ACUTE MYRINGITIS UNSPECIFIED
384.01 BULLOUS MYRINGITIS
384.09 OTHER ACUTE MYRINGITIS WITHOUT OTITIS MEDIA
384.20 PERFORAT TYMPAN MEMB NOS (ICD9)
384.21 CENT PERF TYMPANIC MEMB (ICD9)
384.22 ATTIC PERF TYMPANIC MEMB (ICD9)
384.23 MARGINAL PERF TYMP NEC (ICD9)
384.24 MULT PERF TYMPANIC MEMB (ICD9)
384.25 TOTAL PERF TYMPANIC MEMB (ICD9)
386.3 LABYRINTHITIS
386.30 LABYRINTHITIS UNSPECIFIED
386.31 SEROUS LABYRINTHITIS
386.32 CIRCUMSCRIBED LABYRINTHITIS
386.33 SUPPURATIVE LABYRINTHITIS
386.34 TOXIC LABYRINTHITIS
386.35 VIRAL LABYRINTHITIS
388.6 OTORRHEA
460 ACUTE NASOPHARYNGITIS (ICD9)
461.0 AC MAXILLARY SINUSITIS (ICD9)

461.1 AC FRONTAL SINUSITIS (ICD9)
 461.2 AC ETHMOIDAL SINUSITIS (ICD9)
 461.3 AC SPHENOIDAL SINUSITIS (ICD9)
 461.8 OTHER ACUTE SINUSITIS (ICD9)
 461.9 ACUTE SINUSITIS NOS (ICD9)
 462 ACUTE PHARYNGITIS (ICD9)
 463 ACUTE TONSILLITIS (ICD9)
 464.0 ACUTE LARYNGITIS (End 2001) (ICD9)
 464.00 ACUTE LARYNGITIS- W/O OBSTR (Begin 2001) (ICD9)
 464.01 ACUTE LARYNGITIS- W OBSTR (Begin 2001) (ICD9)
 464.10 AC TRACHEITIS NO OBSTRUC (ICD9)
 464.11 AC TRACHEITIS W OBSTRUCT (ICD9)
 464.20 AC LARYNGOTRACH NO OBSTR (ICD9)
 464.21 AC LARYNGOTRACH W OBSTR (ICD9)
 464.30 AC EPIGLOTTITIS NO OBSTR (ICD9)
 464.31 AC EPIGLOTTITIS W OBSTR (ICD9)
 464.50 SUPRAGLOTTIS NOS- W/O OBSTR (Begin 2001) (ICD9)
 464.51 SUPRAGLOTTIS NOS- W/ OBSTR (Begin 2001) (ICD9)
 465.0 ACUTE LARYNGOPHARYNGITIS (ICD9)
 465.8 ACUTE URI MULT SITES NEC (ICD9)
 465.9 ACUTE URI NOS (ICD9)
 473.0 CHR MAXILLARY SINUSITIS (ICD9)
 473.1 CHR FRONTAL SINUSITIS (ICD9)
 473.2 CHR ETHMOIDAL SINUSITIS (ICD9)
 473.3 CHR SPHENOIDAL SINUSITIS (ICD9)
 473.8 CHRONIC SINUSITIS NEC (ICD9)
 473.9 CHRONIC SINUSITIS NOS- (ICD9)
 474.0 CHRONIC TONSILLITIS (End 1997) (ICD9)
 474.00 CHRON TONSILLITIS (Begin 1997) (ICD9)
 474.01 CHRON ADENOIDITIS (Begin 1997) (ICD9)
 474.02 CHRON TONSIL ADENOID (Begin 1997) (ICD9)
 475 PERITONSILLAR ABSCESS (ICD9)
 476.0 CHRONIC LARYNGITIS
 476.1 CHRONIC LARYNGOTRACHEITIS
 478.21 CELLULITIS OF PHARYNX
 478.22 PARAPHARYNGEAL ABSCESS
 478.24 RETROPHARYNGEAL ABSCESS
 478.29 DISEASE OF PHARYNX NEC
 478.71 LARYNGEAL CELLULITIS

A36.0 Pharyngeal diphtheria (ICD10)
 A36.1 Nasopharyngeal diphtheria (ICD10)
 A36.2 Laryngeal diphtheria (ICD10)
 B05.3+ Measles complicated by otitis media (ICD10)
 H65.0 Acute serous otitis media (ICD10)
 H65.1 Other acute nonsuppurative otitis media (ICD10)
 H65.2 Chronic serous otitis media (ICD10)
 H65.3 Chronic mucoid otitis media (ICD10)
 H65.4 Other chronic nonsuppurative otitis media (ICD10)
 H65.9 Nonsuppurative otitis media, unspecified (ICD10)
 H66.0 Acute suppurative otitis media (ICD10)
 H66.1 Chronic tubotympanic suppurative otitis media (ICD10)
 H66.2 Chronic atticofacial suppurative otitis media (ICD10)
 H66.3 Other chronic suppurative otitis media (ICD10)
 H66.4 Suppurative otitis media, unspecified (ICD10)
 H66.9 Otitis media, unspecified (ICD10)
 H67.0 Otitis media in bacterial diseases classified elsewhere
 H67.8* Otitis media in other diseases classified elsewhere (ICD10)
 H68.0 Eustachian salpingitis
 H70.0 Acute mastoiditis (ICD10)

H70.1 Chronic mastoiditis (ICD10)
 H70.2 Petrositis (ICD10)
 H70.8 Other mastoiditis and related conditions (ICD10)
 H70.9 Mastoiditis, unspecified (ICD10)
 H72.0 Central perforation of tympanic membrane (ICD10)
 H72.1 Attic perforation of tympanic membrane (ICD10)
 H72.2 Other marginal perforations of tympanic membrane (ICD10)
 H72.8 Other perforations of tympanic membrane (ICD10)
 H72.9 Perforation of tympanic membrane, unspecified (ICD10)
 H73.0 Acute myringitis
 H75.0 Mastoiditis in infectious and parasitic diseases classified elsewhere
 H83.0 Labyrinthitis
 H92.1 Otorrhoea
 J00 Acute nasopharyngitis [common cold] (ICD10)
 J01.0 Acute maxillary sinusitis (ICD10)
 J01.1 Acute frontal sinusitis (ICD10)
 J01.2 Acute ethmoidal sinusitis (ICD10)
 J01.3 Acute sphenoidal sinusitis (ICD10)
 J01.4 Acute pansinusitis
 J01.8 Other acute sinusitis (ICD10)
 J01.9 Acute sinusitis, unspecified (ICD10)
 J02.0 Streptococcal pharyngitis (ICD10)
 J02.8 Acute pharyngitis due to other specified organisms
 J02.9 Acute pharyngitis, unspecified (ICD10)
 J03.0 Streptococcal tonsillitis
 J03.8 Acute tonsillitis due to other specified organisms
 J03.9 Acute tonsillitis, unspecified (ICD10)
 J04.0 Acute laryngitis (ICD10)
 J04.1 Acute tracheitis (ICD10)
 J04.2 Acute laryngotracheitis (ICD10)
 J05.1 Acute epiglottitis (ICD10)
 J06.0 Acute laryngopharyngitis (ICD10)
 J06.8 Other acute upper respiratory infections of multiple sites (ICD10)
 J06.9 Acute upper respiratory infection, unspecified (ICD10)
 J32.0 Chronic maxillary sinusitis (ICD10)
 J32.1 Chronic frontal sinusitis (ICD10)
 J32.2 Chronic ethmoidal sinusitis (ICD10)
 J32.3 Chronic sphenoidal sinusitis (ICD10)
 J32.4 Chronic pansinusitis
 J32.8 Other chronic sinusitis (ICD10)
 J32.9 Chronic sinusitis, unspecified (ICD10)
 J34.0 Abscess, furuncle and carbuncle of nose
 J35.0 Chronic tonsillitis (ICD10)
 J36 Peritonsillar abscess (ICD10)

Supplementary Table: ICD codes for genito-urinary infection diagnostic group

032.84 DIPHTHERITIC CYSTITIS (ICD9)
091.0 PRIMARY GENITAL SYPHILIS
091.1 PRIMARY ANAL SYPHILIS
091.2 PRIMARY SYPHILIS NEC
098.0 ACUTE GC INFECT LOWER GU (ICD9)
098.10 GC (ACUTE) UPPER GU NOS
098.11 GC CYSTITIS (ACUTE)
098.12 GC PROSTATITIS (ACUTE)
098.13 GC ORCHITIS (ACUTE)
098.14 GC SEM VESICULIT (ACUTE)
098.15 GC CERVICITIS (ACUTE)
098.16 GC ENDOMETRITIS (ACUTE)
098.17 ACUTE GC SALPINGITIS
098.19 GC (ACUTE) UPPER GU NEC
098.2 CHR GC INFECT LOWER GU
098.30 CHR GC UPPER GU NOS
098.31 GC CYSTITIS-CHRONIC
098.32 GC PROSTATITIS-CHRONIC
098.33 GC ORCHITIS-CHRONIC
098.34 GC SEM VESICULITIS-CHR
098.35 GC CERVICITIS-CHRONIC
098.36 GC ENDOMETRITIS-CHRONIC
098.37 GC SALPINGITIS (CHRONIC)
098.39 CHR GC UPPER GU NEC
099.0 CHANCROID
099.1 LYMPHOGRANULOMA VENEREUM
099.2 GRANULOMA INGUINALE
099.41 CHLAMYDIA-URETHRITIS
099.49 NONGONOCOCC URETHRIT NEC
099.50 CHLAMYDIA-UNSPEC SITE
099.51 CHLAMYDIA-PHARYNX
099.52 CHLAMYDIA-ANUS RECTUM
099.53 CHLAMYDIA-LOWER GU
099.54 CHLAMYDIA-OTHER GU
099.55 CHLAMYDIA-UNSPEC GU
099.56 CHLAMYDIA-PERITONEUM
099.59 CHLAMYDIA-NSC
112.1 CANDIDAL VULVOVAGINITIS
112.2 CANDIDIAS UROGENITAL NEC
590.2 RENAL/PERIRENAL ABSCESS (ICD9)
590.81 PYELITIS OR PYELONEPHRITIS IN DISEASES CLASSIFIED ELSEWHERE
590.9 INFECTION OF KIDNEY UNSPECIFIED
595.0 ACUTE CYSTITIS (ICD9)
595.89 OTHER CYSTITIS, INCL ABSCESS OF BLADDER (ICD9)
597.0 URETHRAL ABSCESS (ICD9)
598.00 URETHR STRICT:INFECT NOS (ICD9)
599.0 URIN TRACT INFECTION NOS (ICD9)
601.0 ACUTE PROSTATITIS (ICD9)
601.2 ABSCESS OF PROSTATE (ICD9)
603.1 INFECTED HYDROCELE (ICD9)
604.0 ORCHITIS WITH ABSCESS (ICD9)
614.0 AC SALPINGO-OOPHORITIS (ICD9)
614.1 CHR SALPINGO-OOPHORITIS (ICD9)
614.2 SALPINGO-OOPHORITIS NOS (ICD9)
614.3 ACUTE PARAMETRITIS (ICD9)
614.4 CHRONIC PARAMETRITIS (ICD9)
614.5 AC PELV PERITONITIS-FEM (ICD9)
614.6 FEM PELVIC PERITON ADHES (ICD9)

614.7 CHR PELV PERITON NEC-FEM (ICD9)
 614.8 FEM PELV INFLAM DIS NEC (ICD9)
 614.9 FEM PELV INFLAM DIS NOS (ICD9)
 615.0 AC UTERINE INFLAMMATION (ICD9)
 615.1 CHR UTERINE INFLAMMATION (ICD9)
 615.9 UTERINE INFLAM DIS NOS (ICD9)
 616.0 CERVICITIS (ICD9)
 616.10 VAGINITIS NOS (ICD9)
 616.11 VAGINITIS IN OTH DISEASE (ICD9)
 616.2 BARTHOLIN-s GLAND CYST (ICD9)
 616.3 BARTHOLIN-s GLND ABSCESS (ICD9)
 616.4 ABSCESS OF VULVA NEC (ICD9)
 634.00 SPON ABOR W PEL INF-UNSP (ICD9)
 634.01 SPON ABOR W PELV INF-INC (ICD9)
 634.02 SPON ABOR W PELV INF-COMP (ICD9)
 646.60 GU INFECTION IN PREG-UNSPEC (ICD9)
 646.61 GU INFECTION-DELIVERED (ICD9)
 646.62 GU INFECTION-DELIV W P/P (ICD9)
 646.63 GU INFECTION-ANTEPARTUM (ICD9)
 646.64 POSTPARTUM INFECTIONS OF GENITOURINARY TRACT
 647.00 SYPHILIS OF MOTHER COMPLICATING PREGNANCY CHILDBIRTH OR THE
 PUERPERIUS UNSPECIFIED AS TO EPISODE OF CARE
 647.01 SYPHILIS OF MOTHER COMPLICATING PREGNANCY WITH DELIVERY
 647.02 SYPHILIS OF MOTHER COMPLICATING PREGNANCY WITH DELIVERY WITH
 POSTPARTUM COMPLICATION
 647.03 ANTEPARTUM SYPHILIS
 647.04 POSTPARTUM SYPHILIS
 647.10 GONORRHEA OF MOTHER COMPLICATING PREGNANCY CHILDBIRTH OR THE
 PUERPERIUM UNSPECIFIED AS TO EPISODE OF CARE
 647.11 GONORRHEA OF MOTHER WITH DELIVERY
 647.12 GONORRHEA OF MOTHER WITH DELIVERY WITH POSTPARTUM COMPLICATION
 647.13 ANTEPARTUM GONORRHEA
 647.14 POSTPARTUM GONORRHEA
 647.20 OTHER VENEREAL DISEASES OF MOTHER COMPLICATING PREGNANCY
 CHILDBIRTH OR PUERPERIUM UNSPECIFIED AS TO EPISODE OF CARE
 647.21 OTHER VENEREAL DISEASES OF MOTHER WITH DELIVERY
 647.22 OTHER VENEREAL DISEASES OF MOTHER WITH DELIVERY WITH POSTPARTUM
 COMPLICATION
 647.23 OTHER ANTEPARTUM VENEREAL DISEASES
 647.24 OTHER POSTPARTUM VENEREAL DISEASES
 771.82 URINARY TRACT INFECTION OF NEWBORN (Begin 2002) (ICD9)
 A36.8+ (no description found)
 A51.0 Primary genital syphilis (ICD10)
 A51.1 Primary anal syphilis (ICD10)
 A51.2 Primary syphilis of other sites (ICD10)
 A51.3 Secondary syphilis of skin and mucous membranes (ICD10)
 A51.3+ (no description found)
 A51.4 Other secondary syphilis (ICD10)
 A51.5 Early syphilis, latent (ICD10)
 A51.9 Early syphilis, unspecified
 A52.9 Late syphilis, unspecified (ICD10)
 A53.0 Latent syphilis, unspecified as early or late (ICD10)
 A53.9 Syphilis, unspecified (ICD10)
 A54.0 Gonococcal infection of lower genitourinary tract without periurethral or accessory gland abscess
 (ICD10)
 A54.1 Gonococcal infection of lower genitourinary tract with periurethral and accessory gland abscess (ICD10)
 A54.2+ Gonococcal pelviperitonitis and other gonococcal genitourinary infections (ICD10)
 A54.3 Gonococcal infection of eye (ICD10)
 A54.3+ (no description found)
 A54.4+ Gonococcal infection of musculoskeletal system (ICD10)

A54.5 Gonococcal pharyngitis (ICD10)
 A54.6 Gonococcal infection of anus and rectum (ICD10)
 A54.8 Other gonococcal infections (ICD10)
 A54.8+ (no description found)
 A54.9 Gonococcal infection, unspecified
 A55 Chlamydial lymphogranuloma (venereum) (ICD10)
 A56.0 Chlamydial infection of lower genitourinary tract (ICD10)
 A56.1 Chlamydial infection of pelviperitoneum and other genitourinary organs (ICD10)
 A56.2 Chlamydial infection of genitourinary tract, unspecified (ICD10)
 A56.3 Chlamydial infection of anus and rectum (ICD10)
 A56.4 Chlamydial infection of pharynx (ICD10)
 A56.8 Sexually transmitted chlamydial infection of other sites (ICD10)
 A57 Chancroid (ICD10)
 A58 Granuloma inguinale (ICD10)
 A59.0 Urogenital trichomoniasis (ICD10)
 A59.0+ (no description found)
 A60.0 Herpesviral infection of genitalia and urogenital tract (ICD10)
 A60.1 Herpesviral infection of perianal skin and rectum
 A60.9 Anogenital herpesviral infection, unpspecified
 A63.0 Anogenital (venereal) warts (ICD10)
 A63.8 Other specified predominantly sexually transmitted diseases (ICD10)
 A64 Unspecified sexually transmitted disease (ICD10)
 B37.3+ Candidiasis of vulva and vagina (ICD10)
 B37.4+ Candidiasis of other urogenital sites (ICD10)
 N13.6 Pyonephrosis
 N15.1 Renal and perinephric abscess (ICD10)
 N30.0 Acute cystitis (ICD10)
 N30.8 Other cystitis, abscess of bladder (ICD10)
 N34.0 Urethral abscess (ICD10)
 N35.1 Postinfective urethral stricture, not elsewhere classified (ICD10)
 N39.0 Urinary tract infection, site not specified (ICD10)
 N41.0 Acute prostatitis (ICD10)
 N41.2 Abscess of prostate (ICD10)
 N43.1 Infected hydrocele (ICD10)
 N45.0 Orchitis, epididymitis and epididymo-orchitis with abscess (ICD10)
 N45.9 Orchitis, epididymitis and epididymo-orchitis without abscess
 N51.2 Balanitis in diseases classified elsewhere
 N70.0 Acute salpingitis and oophoritis (ICD10)
 N73.0 Acute parametritis and pelvic cellulitis (ICD10)
 N73.1 Chronic parametritis and pelvic cellulitis (ICD10)
 N73.2 Unspecified parametritis and pelvic cellulitis
 N73.3 Female acute pelvic peritonitis (ICD10)
 N73.4 Female chronic pelvic peritonitis (ICD10)
 N73.9 Female pelvic inflammatory disease, unspecified (ICD10)
 N74.2 Female syphilitic pelvic inflammatory disease
 N74.3 Female gonococcal pelvic inflammatory disease
 N74.4 Female chlamydial pelvic inflammatory disease
 N75.0 Cyst of Bartholins gland (ICD10)
 N75.1 Abscess of Bartholins gland (ICD10)
 N76.0 Acute vaginitis (ICD10)
 N76.4 Abscess of vulva (ICD10)
 O03.0 Spontaneous abortion, incomplete, complicated by genital tract and pelvic infection (ICD10)
 O03.5 Spontaneous abortion, complete or unspecified, complicated by genital tract and pelvic infection (ICD10)
 O08.0 Genital tract and pelvic infection following ectopic and molar pregnancy (ICD10)
 O26.4 Herpes gestationis
 O86.2 Urinary tract infection following delivery
 O98.1 Syphilis complicating pregnancy, childbirth and the puerperium
 O98.2 Gonorrhoea complicating pregnancy, childbirth and the puerperium
 P39.3 Neonatal urinary tract infection

Supplementary Table: ICD codes for viral infection diagnostic group

042	HIV DISEASE (Begin 1994) (ICD9)
042.0	HIV W/SPECIF INFECTIONS (Begin 1986 (ICD9)
042.1	HIV CAUS OTH SPEC INFECT (Begin 1986 (ICD9)
042.2	HIV W/SPEC MALIG NEOPLSM (Begin 1986 (ICD9)
042.9	AIDS- UNSPECIFIED (Begin 1986 (ICD9)
043.0	HIV CAUS LYMPHADENOPATHY (Begin 1986 (ICD9)
043.1	HIV CAUS SP CNS DISEASE (Begin 1986 (ICD9)
043.2	HIV CAUS OT DISOR IMMUNE (Begin 1986 (ICD9)
043.3	HIV CAUS OTH SPECIF COND (Begin 1986 (ICD9)
043.9	ARC- UNSPECIFIED (Begin 1986 (ICD9)
044.0	HIV CAUS ACUTE INFECTION (Begin 1986 (ICD9)
044.9	HIV- UNSPECIFIED (Begin 1986 (ICD9)
045.00	AC BULBAR POLIO-TYPE NOS (ICD9)
045.01	AC BULBAR POLIO-TYPE 1 (ICD9)
045.02	AC BULBAR POLIO-TYPE 2 (ICD9)
045.03	AC BULBAR POLIO-TYPE 3 (ICD9)
045.10	PARAL POLIO NEC-TYPE NOS (ICD9)
045.11	PARAL POLIO NEC-TYPE 1 (ICD9)
045.12	PARAL POLIO NEC-TYPE 2 (ICD9)
045.13	PARAL POLIO NEC-TYPE 3 (ICD9)
045.20	NONPARALY POLIO-TYPE NOS (ICD9)
045.21	NONPARALYT POLIO-TYPE 1 (ICD9)
045.22	NONPARALYT POLIO-TYPE 2 (ICD9)
045.23	NONPARALYT POLIO-TYPE 3 (ICD9)
045.90	AC POLIO NOS-TYPE NOS (ICD9)
045.91	AC POLIO NOS-TYPE 1 (ICD9)
045.92	AC POLIO NOS-TYPE 2 (ICD9)
045.93	AC POLIO NOS-TYPE 3 (ICD9)
046.8	CNS SLOW VIRUS INFEC NEC (ICD9)
046.9	CNS SLOW VIRUS INFEC NOS (ICD9)
047.0	COXSACKIE VIRUS MENING (ICD9)
047.1	ECHO VIRUS MENINGITIS (ICD9)
047.8	VIRAL MENINGITIS NEC (ICD9)
047.9	VIRAL MENINGITIS NOS (ICD9)
048	OTH ENTEROVIRAL CNS DIS (ICD9)
049.0	LYMPHOCYTIC CHORIOMENING (ICD9)
049.1	ADENOVIRAL MENINGITIS (ICD9)
049.8	VIRAL ENCEPHALITIS NEC (ICD9)
049.9	VIRAL ENCEPHALITIS NOS (ICD9)
050.0	VARIOLA MAJOR (ICD9)
050.1	ALASTRIM (ICD9)
050.2	MODIFIED SMALLPOX (ICD9)
050.9	SMALLPOX NOS (ICD9)
051.0	COWPOX (ICD9)
051.01	(no description found)
051.02	(no description found)
051.1	PSEUDOCOWPOX (ICD9)
051.2	CONTAGIOUS PUSTULAR DERM (ICD9)
051.9	PARAVACCINIA NOS (ICD9)
052.0	POSTVARICELLA ENCEPHALIT (ICD9)
052.2	POSTVARICELLA MYELITIS (Begin 2006) (ICD9)
052.7	VARICELLA COMPLICAT NEC (ICD9)
052.8	VARICELLA COMPLICAT NOS (ICD9)
052.9	VARICELLA UNCOMPLICATED (ICD9)
053.0	HERPES ZOSTER MENINGITIS (ICD9)
053.10	H ZOSTER NERV SYST NOS (ICD9)
053.11	GENICULATE HERPES ZOSTER (ICD9)

053.12 POSTHERPES TRIGEM NEURAL (ICD9)
 053.13 POSTHERPES POLYNEUROPATH (ICD9)
 053.14 HERPES ZOSTER MYELITIS (Begin 2006) (ICD9)
 053.19 H ZOSTER NERV SYST NEC (ICD9)
 053.20 HERPES ZOSTER OF EYELID (ICD9)
 053.21 H ZOSTER KERATOCONJUNCT (ICD9)
 053.22 H ZOSTER IRIDOCYCLITIS (ICD9)
 053.29 HERPES ZOSTER OF EYE NEC (ICD9)
 053.71 H ZOSTER OTITIS EXTERNA (ICD9)
 053.79 H ZOSTER COMPLICATED NEC (ICD9)
 053.8 H ZOSTER COMPLICATED NOS (ICD9)
 053.9 HERPES ZOSTER NOS (ICD9)
 054.10 GENITAL HERPES NOS (ICD9)
 054.11 HERPETIC VULVOVAGINITIS (ICD9)
 054.12 HERPETIC ULCER OF VULVA (ICD9)
 054.13 HERPETIC INFECT OF PENIS (ICD9)
 054.19 GENITAL HERPES NEC (ICD9)
 054.2 HERPETIC GINGIVOSTOMAT (ICD9)
 054.3 HERPETIC ENCEPHALITIS (ICD9)
 054.40 HERPES SIMPLEX EYE NOS (ICD9)
 054.41 HERPES SIMPLEX OF EYELID (ICD9)
 054.42 DENDRITIC KERATITIS (ICD9)
 054.43 H SIMPLEX KERATITIS (ICD9)
 054.44 H SIMPLEX IRIDOCYCLITIS (ICD9)
 054.49 HERPES SIMPLEX EYE NEC (ICD9)
 054.5 HERPETIC SEPTICEMIA (ICD9)
 054.6 HERPETIC WHITLOW (ICD9)
 054.71 VISCERAL HERPES SIMPLEX (ICD9)
 054.72 H SIMPLEX MENINGITIS (ICD9)
 054.73 H SIMPLEX OTITIS EXTERNA (ICD9)
 054.74 HERPES SIMPLEX MYELITIS (Begin 2006) (ICD9)
 054.79 H SIMPLEX COMPLICAT NEC (ICD9)
 054.8 H SIMPLEX COMPLICAT NOS (ICD9)
 054.9 HERPES SIMPLEX NOS (ICD9)
 055.0 POSTMEASLES ENCEPHALITIS (ICD9)
 055.71 MEASLES KERATITIS (ICD9)
 055.79 MEASLES COMPLICATION NEC (ICD9)
 055.8 MEASLES COMPLICATION NOS (ICD9)
 055.9 MEASLES UNCOMPLICATED (ICD9)
 056.00 RUBELLA NERVE COMPL NOS (ICD9)
 056.01 RUBELLA ENCEPHALITIS (ICD9)
 056.09 RUBELLA NERVE COMPL NEC (ICD9)
 056.71 ARTHRITIS DUE TO RUBELLA (ICD9)
 056.79 RUBELLA COMPLICATION NEC (ICD9)
 056.8 RUBELLA COMPLICATION NOS (ICD9)
 056.9 RUBELLA UNCOMPLICATED (ICD9)
 057.0 ERYTHEMA INFECTIOSUM (ICD9)
 057.8 VIRAL EXANTHEMATA NEC (ICD9)
 057.9 VIRAL EXANTHEMATA NOS (ICD9)
 058.10 ROSEOLA INFANTUM NOS (Begin 2007) (ICD9)
 058.11 ROSEOLA INFANT D/T HHV-6 (Begin 2007) (ICD9)
 058.12 ROSEOLA INFANT D/T HHV-7 (Begin 2007) (ICD9)
 058.21 HUMAN HERPESVIR 6 ENCEPH (Begin 2007) (ICD9)
 058.29 HUMAN HERPESVR ENCPH NEC (Begin 2007) (ICD9)
 058.81 HUMAN HERPESVIRUS 6 INFC (Begin 2007) (ICD9)
 058.82 HUMAN HERPESVIRUS 7 INFC (Begin 2007) (ICD9)
 058.89 HUMAN HERPESVIRS INF NEC (Begin 2007) (ICD9)
 059.00 ORTHOPOXVIRUS INFECTION, UNSPECIFIED
 059.01 MONKEYPOX
 059.09 OTHER ORTHOPOXVIRUS INFECTIONS

059.10 PARAPOXVIRUS INFECTION, UNSPECIFIED
 059.11 BOVINE STOMATITIS
 059.12 SEALPOX
 059.19 OTHER PARAPOXVIRUS INFECTIONS
 059.20 YATAPOXVIRUS INFECTION, UNSPECIFIED
 059.21 TANAPOX
 059.22 YABA MONKEY TUMOR VIRUS
 059.8 OTHER POXVIRUS INFECTIONS
 059.9 POXVIRUS INFECTIONS, UNSPECIFIED
 060.0 SYLVATIC YELLOW FEVER (ICD9)
 060.1 URBAN YELLOW FEVER (ICD9)
 060.9 YELLOW FEVER NOS (ICD9)
 061 DENGUE (ICD9)
 062.0 JAPANESE ENCEPHALITIS (ICD9)
 062.1 WEST EQUINE ENCEPHALITIS (ICD9)
 062.2 EAST EQUINE ENCEPHALITIS (ICD9)
 062.3 ST LOUIS ENCEPHALITIS (ICD9)
 062.4 AUSTRALIAN ENCEPHALITIS (ICD9)
 062.5 CALIFORNIA ENCEPHALITIS (ICD9)
 062.8 MOSQUIT-BORNE ENCEPH NEC (ICD9)
 062.9 MOSQUIT-BORNE ENCEPH NOS (ICD9)
 063.0 RUSSIA SPR-SUMMER ENCEPH (ICD9)
 063.1 LOUPING ILL (ICD9)
 063.2 CENT EUROPE ENCEPHALITIS (ICD9)
 063.8 TICK-BORNE ENCEPH NEC (ICD9)
 063.9 TICK-BORNE ENCEPH NOS (ICD9)
 064 VIR ENCEPH ARTHROPOD NEC (ICD9)
 065.0 CRIMEAN HEMORRHAGIC FEV (ICD9)
 065.1 OMSK HEMORRHAGIC FEVER (ICD9)
 065.2 KYASANUR FOREST DISEASE (ICD9)
 065.3 TICK-BORNE HEM FEVER NEC (ICD9)
 065.4 MOSQUITO-BORNE HEM FEVER (ICD9)
 065.8 ARTHROPOD HEM FEVER NEC (ICD9)
 065.9 ARTHROPOD HEM FEVER NOS (ICD9)
 066.0 PHLEBOTOMUS FEVER (ICD9)
 066.1 TICK-BORNE FEVER (ICD9)
 066.2 VENEZUELAN EQUINE FEVER
 066.3 MOSQUITO-BORNE FEVER NEC (ICD9)
 066.4 WEST NILE FEVER (Begin 2002 (ICD9)
 066.40 WEST NILE FEVER NOS (Begin 2004) (ICD9)
 066.41 WEST NILE FEVER W/ENCEPH (Begin 2004) (ICD9)
 066.42 WEST NILE NEURO MAN NEC (Begin 2004) (ICD9)
 066.49 WEST NILE W COMPLIC NEC (Begin 2004) (ICD9)
 066.8 ARTHROPOD VIRUS NEC (ICD9)
 066.9 ARTHROPOD VIRUS NOS (ICD9)
 070.0 HEPATITIS A WITH COMA (ICD9)
 070.1 HEPATITIS A W/O COMA (ICD9)
 070.2 HEPATITIS B WITH COMA (Begin 1980 (ICD9)
 070.20 VRL HEPAT B CM W/O DELTA (Begin 1991) (ICD9)
 070.21 VRL HEPAT B CM W DELTA (Begin 1991) (ICD9)
 070.22 CHR HEPAT COMA W/O DELTA (Begin 1994) (ICD9)
 070.23 CHR HEPAT COMA W/ DELTA (Begin 1994) (ICD9)
 070.3 HEPATITIS B W/O COMA (Begin 1980 (ICD9)
 070.30 VRL HPT B W/O CM W/O DLT (Begin 1991) (ICD9)
 070.31 VRL HPT B W/O CM W DELTA (Begin 1991) (ICD9)
 070.32 CHR HEPAT W/O COMA W/O DELTA (Begin 1994) (ICD9)
 070.33 CHR HEPAT W/O COMA W/ DELTA (Begin 1994) (ICD9)
 070.4 VIRAL HEPAT NEC W COMA (Begin 1980 (ICD9)
 070.41 SPF VRL HPT CM HPT C (Begin 1991) (ICD9)
 070.42 SPF VRL HPT CM DLT W/O B (Begin 1991) (ICD9)

070.43 SPF VRL HPT CM HPT E (Begin 1991) (ICD9)
 070.44 CHR HEPAT C W/ COMA (Begin 1994) (ICD9)
 070.49 SPF VRL HPT CM (Begin 1991) (ICD9)
 070.5 VIRAL HEPAT NEC W/O COMA (Begin 1980) (ICD9)
 070.51 VRL HPT W/O CM HEPAT C (Begin 1991) (ICD9)
 070.52 VRL HPT W/O CM DLT W/O B (Begin 1991) (ICD9)
 070.53 VRL HPT W/O CM HEPAT E (Begin 1991) (ICD9)
 070.54 CHR HEPAT C W/O COMA (Begin 1994) (ICD9)
 070.59 VRL HPT W/O CM (Begin 1991) (ICD9)
 070.6 VIRAL HEPAT NOS W COMA (ICD9)
 070.70 HPT C W/O HEPAT COMA NOS (Begin 2004) (ICD9)
 070.71 HPT C W HEPATIC COMA NOS (Begin 2004) (ICD9)
 070.9 VIRAL HEPAT NOS W/O COMA (ICD9)
 071 RABIES (ICD9)
 072.0 MUMPS ORCHITIS (ICD9)
 072.1 MUMPS MENINGITIS (ICD9)
 072.2 MUMPS ENCEPHALITIS (ICD9)
 072.3 MUMPS PANCREATITIS (ICD9)
 072.71 MUMPS HEPATITIS (ICD9)
 072.72 MUMPS POLYNEUROPATHY (ICD9)
 072.79 MUMPS COMPLICATION NEC (ICD9)
 072.8 MUMPS COMPLICATION NOS (ICD9)
 072.9 MUMPS UNCOMPLICATED (ICD9)
 074.0 HERPANGINA (ICD9)
 074.1 EPIDEMIC PLEURODYNIA (ICD9)
 074.20 COXSACKIE CARDITIS UNSPECIFIED
 074.21 COXSACKIE PERICARDITIS
 074.22 COXSACKIE ENDOCARDITIS
 074.23 COXSACKIE MYOCARDITIS
 074.3 HAND- FOOT & MOUTH DIS (ICD9)
 074.8 COXSACKIE VIRUS NEC (ICD9)
 075 INFECTIOUS MONONUCLEOSIS (ICD9)
 077.1 EPIDEM KERATOCONJUNCTIV (ICD9)
 077.2 PHARYNGOCONJUNCT FEVER (ICD9)
 077.3 ADENOVIRAL CONJUNCT NEC (ICD9)
 077.4 EPIDEM HEM CONJUNCTIVIT (ICD9)
 077.8 VIRAL CONJUNCTIVITIS NEC (ICD9)
 077.99 DIS OF CONJUNCT DUE TO VIRUSES (Begin 1993) (ICD9)
 078.0 MOLLUSCUM CONTAGIOSUM (ICD9)
 078.1 VIRAL WARTS (End 1993) (ICD9)
 078.10 VIRAL WARTS UNSPEC (Begin 1993) (ICD9)
 078.11 CONDYLOMA ACCUMINATUM (Begin 1993) (ICD9)
 078.12 (no description found)
 078.19 OTHER SPEC VIRAL WARTS (Begin 1993) (ICD9)
 078.2 SWEATING FEVER(ICD9)
 078.4 FOOT & MOUTH DISEASE (ICD9)
 078.5 CYTOMEGAL INCLUSION DIS (ICD9)
 078.6 HEM NEPHROSONEPHRITIS (ICD9)
 078.7 ARENAVIRAL HEM FEVER (ICD9)
 078.81 EPIDEMIC VERTIGO (ICD9)
 078.89 VIRAL DISEASE NEC (ICD9)
 079.1 ECHO VIRUS INFECT NOS (ICD9)
 079.2 COXSACKIE VIRUS INF NOS (ICD9)
 079.4 HUMAN PAPILLOMA VIRUS (Begin 1993) (ICD9)
 079.50 UNSPEC RETROVIRUS (Begin 1993) (ICD9)
 079.51 HTLV TYPE I (Begin 1993) (ICD9)
 079.52 HTLV TYPE II (Begin 1993) (ICD9)
 079.53 HIV TYPE 2 (Begin 1993) (ICD9)
 079.59 OTH SPEC RETROVIRUS (Begin 1993) (ICD9)
 079.81 HANTAVIRUS INFECTION (Begin 1995) (ICD9)

079.83 PARVOVIRUS B19 (Begin 2007) (ICD9)
 079.89 OTH SPEC VIRAL INFECTION (Begin 1993) (ICD9)
 079.99 VIRAL INFECTION NOS (Begin 1993) (ICD9)
 323.0 ENCEPHALIT IN VIRAL DIS (ICD9)
 323.02 MYELITIS-OTH VIRAL DIS (Begin 2006) (ICD9)
 488.09 FLU D/T IDENTIFIED AVIAN FLU VIRUS WITH OTHER MANIFESTATIONS
 488.19 FLU D/T IDENTIFIED 2009 H1N1 FLU VIRUS WITH OTHER MANIFESTATIONS
 488.89 FLU D/T IDENTIFIED NOVEL INFLUENZA A VIRUS W/ OTHER MANIFESTATIONS
 573.1 HEPATITIS IN VIRAL DIS (ICD9)
 647.50 RUBELLA IN PREG-UNSPEC (ICD9)
 647.51 RUBELLA-DELIVERED (ICD9)
 647.52 RUBELLA-DELIVERED W P/P (ICD9)
 647.53 RUBELLA-ANTEPARTUM (ICD9)
 647.54 RUBELLA-POSTPARTUM (ICD9)
 647.60 OTH VIRUS IN PREG-UNSPEC (ICD9)
 647.61 OTH VIRAL DIS-DELIVERED (ICD9)
 647.62 OTH VIRAL DIS-DEL W P/P (ICD9)
 647.63 OTH VIRAL DIS-ANTEPARTUM (ICD9)
 647.64 OTH VIRAL DIS-POSTPARTUM (ICD9)
 695.3 ROSACEA (ICD9)
 711.50 VIRAL ARTHRITIS-UNSPEC (ICD9)
 711.51 VIRAL ARTHRITIS-SHLDER (ICD9)
 711.52 VIRAL ARTHRITIS-UP/ARM (ICD9)
 711.53 VIRAL ARTHRITIS-FOREARM (ICD9)
 711.54 VIRAL ARTHRITIS-HAND (ICD9)
 711.55 VIRAL ARTHRITIS-PELVIS (ICD9)
 711.56 VIRAL ARTHRITIS-L/LEG (ICD9)
 711.57 VIRAL ARTHRITIS-ANKLE (ICD9)
 711.58 VIRAL ARTHRITIS NEC (ICD9)
 711.59 VIRAL ARTHRITIS-MULT (ICD9)
 771.0 CONGENITAL RUBELLA (ICD9)
 771.1 CONGENITAL CYTOMEGALOVIRUS INFECTION (ICD9)
 790.8 VIREMIA NOS- (ICD9)
 795.8 POSITIVE SERO/VIRAL HIV (Begin 1986 (ICD9)
 V08 HIV POSITIVE NOS (Begin 1994) (ICD9)

A80.1 Acute paralytic poliomyelitis, wild virus, imported
 A80.2 Acute paralytic poliomyelitis, wild virus, indigenous
 A80.3 Acute paralytic poliomyelitis, other and unspecified (ICD10)
 A80.4 Acute nonparalytic poliomyelitis (ICD10)
 A80.9 Acute poliomyelitis, unspecified (ICD10)
 A81.8 Other atypical virus infections of central nervous system (ICD10)
 A81.9 Atypical virus infection of central nervous system, unspecified
 A82.0 Sylvatic rabies
 A82.1 Urban rabies
 A82.9 Rabies, unspecified (ICD10)
 A83.0 Japanese encephalitis (ICD10)
 A83.1 Western equine encephalitis (ICD10)
 A83.2 Eastern equine encephalitis (ICD10)
 A83.3 St Louis encephalitis (ICD10)
 A83.4 Australian encephalitis (ICD10)
 A83.5 California encephalitis (ICD10)
 A83.6 Rocio virus disease
 A83.8 Other mosquito-borne viral encephalitis (ICD10)
 A83.9 Mosquito-borne viral encephalitis, unspecified (ICD10)
 A84.0 Far Eastern tick-borne encephalitis [Russian spring-summer encephalitis] (ICD10)
 A84.1 Central European tick-borne encephalitis (ICD10)
 A84.8 Other tick-borne viral encephalitis (ICD10)
 A84.9 Tick-borne viral encephalitis, unspecified (ICD10)
 A85.0 Enteroviral encephalitis

A85.1 Adenoviral encephalitis
 A85.2 Arthropod-borne viral encephalitis, unspecified (ICD10)
 A85.8 Other specified viral encephalitis
 A86 Unspecified viral encephalitis
 A87.0+ Enteroviral meningitis (ICD10)
 A87.1+ Adenoviral meningitis (ICD10)
 A87.2 Lymphocytic choriomeningitis (ICD10)
 A87.8 Other viral meningitis
 A87.9 Viral meningitis, unspecified
 A88.0 Enteroviral exanthematous fever
 A88.8 Other specified viral infections of central nervous system (ICD10)
 A89 Unspecified viral infection of central nervous system (ICD10)
 A90 Dengue fever [classical dengue] (ICD10)
 A91 Dengue haemorrhagic fever
 A92.0 Chikungunya virus disease
 A92.1 O'nyong-nyong fever
 A92.2 Venezuelan equine fever (ICD10)
 A92.3 West Nile virus infection
 A92.4 Rift Valley fever
 A92.8 Other specified mosquito-borne viral fevers (ICD10)
 A92.9 Mosquito-borne viral fever, unspecified
 A93.0 Oropouche virus disease
 A93.2 Colorado tick fever (ICD10)
 A93.8 Other specified arthropod-borne viral fevers (ICD10)
 A94 Unspecified arthropod-borne viral fever (ICD10)
 A95.0 Sylvatic yellow fever (ICD10)
 A95.1 Urban yellow fever (ICD10)
 A95.9 Yellow fever, unspecified (ICD10)
 A96.0 Junin haemorrhagic fever
 A96.1 Machupo haemorrhagic fever
 A96.2 Lassa fever
 A96.8 Other arenaviral hemorrhagic fevers (ICD10)
 A96.9 Arenaviral haemorrhagic fever, unspecified
 A98.0 Crimean-Congo hemorrhagic fever (ICD10)
 A98.1 Omsk hemorrhagic fever (ICD10)
 A98.2 Kyasanur Forest disease (ICD10)
 A98.3 Marburg virus disease
 A98.4 Ebola virus disease
 A98.5 Hemorrhagic fever with renal syndrome (ICD10)
 A98.8 Other specified viral haemorrhagic fevers
 A99 Unspecified viral haemorrhagic fever
 B00.1 Herpesviral vesicular dermatitis (ICD10)
 B00.2 Herpesviral gingivostomatitis and pharyngotonsillitis (ICD10)
 B00.3+ Herpesviral meningitis (ICD10)
 B00.4+ Herpesviral encephalitis (ICD10)
 B00.5+ Herpesviral ocular disease (ICD10)
 B00.7 Disseminated herpesviral disease (ICD10)
 B00.8 Other forms of herpesviral infection (ICD10)
 B00.9 Herpesviral infection, unspecified (ICD10)
 B01.0 Varicella meningitis
 B01.1+ Varicella encephalitis (G05.1*) (ICD10)
 B01.8 Varicella with other complications (ICD10)
 B01.9 Varicella without complication (ICD10)
 B02.0 Zoster encephalitis
 B02.1+ Zoster meningitis (ICD10)
 B02.2+ Zoster with other nervous system involvement (ICD10)
 B02.3+ Zoster ocular disease (ICD10)
 B02.7 Disseminated zoster
 B02.8 Zoster with other complications (ICD10)
 B02.9 Zoster without complications (ICD10)

B03 Smallpox (ICD10)
 B04 Monkeypox
 B05.0+ Measles complicated by encephalitis (ICD10)
 B05.1 Measles complicated by meningitis
 B05.4 Measles with intestinal complications
 B05.8 Measles with other complications (ICD10)
 B05.9 Measles without complication (ICD10)
 B06.0+ Rubella with neurological complications (ICD10)
 B06.8 Rubella with other complications (ICD10)
 B06.9 Rubella without complication (ICD10)
 B07 Viral warts (ICD10)
 B08.0 Other orthopoxvirus infections (ICD10)
 B08.1 Molluscum contagiosum (ICD10)
 B08.2 Exanthema subitum [sixth disease]
 B08.3 Erythema infectiosum [fifth disease] (ICD10)
 B08.4 Enteroviral vesicular stomatitis with exanthem (ICD10)
 B08.5 Enteroviral vesicular pharyngitis (ICD10)
 B08.8 Other specified viral infections characterized by skin and mucous membrane lesions (ICD10)
 B09 Unspecified viral infection characterized by skin and mucous membrane lesions (ICD10)
 B15.0 Hepatitis A with hepatic coma (ICD10)
 B15.9 Hepatitis A without hepatic coma (ICD10)
 B16.0 Acute hepatitis B with delta-agent with hepatic coma (ICD10)
 B16.1 Acute hepatitis B with delta-agent without hepatic coma (ICD10)
 B16.2 Acute hepatitis B without delta-agent with hepatic coma (ICD10)
 B16.9 Acute hepatitis B without delta-agent and without hepatic coma
 B17.0 Acute delta-(super) infection of hepatitis B carrier (ICD10)
 B17.1 Acute hepatitis C (ICD10)
 B17.2 Acute hepatitis E (ICD10)
 B17.8 Other specified acute viral hepatitis (ICD10)
 B17.9 Acute viral hepatitis, unspecified
 B18.0 Chronic viral hepatitis B with delta-agent (ICD10)
 B18.1 Chronic viral hepatitis B without delta-agent (ICD10)
 B18.2 Chronic viral hepatitis C (ICD10)
 B18.8 Other chronic viral hepatitis
 B18.9 Chronic viral hepatitis, unspecified
 B19.0 Unspecified viral hepatitis with hepatic coma (ICD10)
 B19.9 Unspecified viral hepatitis without hepatic coma (ICD10)
 B20.0 HIV disease resulting in mycobacterial infection
 B20.1 HIV disease resulting in other bacterial infections
 B20.2 HIV disease resulting in cytomegaloviral disease
 B20.3 HIV disease resulting in other viral infections
 B20.4 HIV disease resulting in candidiasis
 B20.5 HIV disease resulting in other mycoses
 B20.6 HIV disease resulting in Pneumocystis jirovecii pneumonia
 B20.7 HIV disease resulting in multiple infections
 B20.8 HIV disease resulting in other infectious and parasitic diseases
 B20.9 HIV disease resulting in unspecified infectious or parasitic
 B21.0 HIV disease resulting in Kaposi sarcoma
 B21.1 HIV disease resulting in Burkitt lymphoma
 B21.2 HIV disease resulting in other types of non-Hodgkin lymphoma
 B21.3 HIV disease resulting in other malignant neoplasms of lymphoid, haematopoietic and related tissue
 B21.7 HIV disease resulting in multiple malignant neoplasms
 B21.8 HIV disease resulting in other malignant neoplasms
 B21.9 HIV disease resulting in unspecified malignant neoplasm
 B22.0 HIV disease resulting in encephalopathy
 B22.1 HIV disease resulting in lymphoid interstitial pneumonitis
 B22.2 HIV disease resulting in wasting syndrome
 B22.7 HIV disease resulting in multiple diseases classified elsewhere
 B23.0 Acute HIV infection syndrome
 B23.1 HIV disease resulting in (persistent) generalized lymphadenopathy

B23.2 HIV disease resulting in haematological and immunological abnormalities, not elsewhere classified
 B23.8 HIV disease resulting in other specified conditions
 B24 Unspecified human immunodeficiency virus [HIV] disease (ICD10)
 B25.0 Cytomegaloviral pneumonitis
 B25.1 Cytomegaloviral hepatitis
 B25.2 Cytomegaloviral pancreatitis
 B25.8 Other cytomegaloviral diseases
 B25.9 Cytomegaloviral disease, unspecified (ICD10)
 B26.0+ Mumps orchitis (ICD10)
 B26.1+ Mumps meningitis (ICD10)
 B26.2+ Mumps encephalitis (ICD10)
 B26.3+ Mumps pancreatitis (ICD10)
 B26.8 Mumps with other complications (ICD10)
 B26.8+ (no description found)
 B26.9 Mumps without complication (ICD10)
 B27.0 Gammaherpesviral mononucleosis
 B27.1 Cytomegaloviral mononucleosis
 B27.8 Other infectious mononucleosis
 B27.9 Infectious mononucleosis, unspecified (ICD10)
 B30.0+ Keratoconjunctivitis due to adenovirus (ICD10)
 B30.1+ Conjunctivitis due to adenovirus (ICD10)
 B30.2+ (no description found)
 B30.3+ Acute epidemic hemorrhagic conjunctivitis (enteroviral)
 B30.8+ Other viral conjunctivitis (ICD10)
 B30.9 Viral conjunctivitis, unspecified
 B33.0 Epidemic myalgia (ICD10)
 B33.1 Ross River disease
 B33.2 Viral carditis
 B33.3 Retrovirus infections, not elsewhere classified (ICD10)
 B33.4 Hantavirus (cardio-) pulmonary syndrome
 B33.8 Other specified viral diseases (ICD10)
 B34.1 Enterovirus infection, unspecified (ICD10)
 B34.2 Coronavirus infection, unspecified site
 B34.3 Parvovirus infection, unspecified site
 B34.4 Papovavirus infection, unspecified (ICD10)
 B34.8 Other viral infections of unspecified site (ICD10)
 B34.9 Viral infection, unspecified (ICD10)
 B97.0 Adenovirus as the cause of diseases classified to other chapters
 B97.1 Enterovirus as the cause of diseases classified to other chapters
 B97.2 Coronavirus as the cause of diseases classified to other chapters
 B97.3 Retrovirus as the cause of diseases classified to other chapters
 B97.4 Respiratory syncytial virus as the cause of diseases classified to other chapters
 B97.5 Reovirus as the cause of diseases classified to other chapters
 B97.6 Parvovirus as the cause of diseases classified to other chapters
 B97.7 Papillomavirus as the cause of diseases classified to other chapters
 B97.8 Other viral agents as the cause of diseases classified to other chapters
 G02.0* Meningitis in viral diseases classified elsewhere (ICD10)
 G05.1* Encephalitis, myelitis and encephalomyelitis in viral diseases classified elsewhere (ICD10)
 H19.1 Herpesviral keratitis and keratoconjunctivitis
 I41.1 Myocarditis in viral diseases classified elsewhere
 J10.8 Influenza with other manifestations, influenza virus identified
 J11 Influenza, virus not identified (ICD10)
 J11.8 Influenza with other manifestations, virus not identified (ICD10)
 M01.4 Rubella arthritis
 M01.50* Arthritis in other viral diseases classified elsewhere, multiple sites (ICD10)
 M01.51* Arthritis in other viral diseases classified elsewhere, shoulder region (ICD10)
 M01.52* Arthritis in other viral diseases classified elsewhere, upper arm (ICD10)
 M01.53* Arthritis in other viral diseases classified elsewhere, forearm (ICD10)
 M01.54* Arthritis in other viral diseases classified elsewhere, hand (ICD10)
 M01.55* Arthritis in other viral diseases classified elsewhere, pelvic region and thigh (ICD10)

M01.56* Arthritis in other viral diseases classified elsewhere, lower leg (ICD10)
M01.57* Arthritis in other viral diseases classified elsewhere, ankle and foot (ICD10)
M01.58* Arthritis in other viral diseases classified elsewhere, other site (ICD10)
M01.59* Arthritis in other viral diseases classified elsewhere, site unspecified (ICD10)
O98.4 Viral hepatitis complicating pregnancy, childbirth and the puerperium
O98.5 Other viral diseases complicating pregnancy, childbirth and the puerperium (ICD10)
P35.0 Congenital rubella syndrome
P35.1 Congenital cytomegalovirus infection
P35.2 Congenital herpesviral [herpes simplex] infection
P35.3 Congenital viral hepatitis
P35.8 Other congenital viral diseases
P35.9 Congenital viral disease, unspecified
Z21 Asymptomatic human immunodeficiency virus [HIV] infection status

Supplementary Table: Numbers of participants followed within each age stratum and the rate of infection-related hospitalization in infection categories.

Age Period	Number of individual followed	Person years contributed	Age period specific rate per 1000py							
			Any infection	Invasive Bacterial	Gastrointestinal	Lower Respiratory Tract	Skin and Soft Tissue	Upper Respiratory Tract	Genitourinary	Other Viral
0-28d	711408	37992.6	148.2	9.0	14.8	30.4	10.6	21.2	15.4	19.8
1-3mos	716828	177250.0	112.6	2.5	16.6	49.6	3.1	20.1	11.0	15.0
4-6mos	709550	173918.8	96.8	1.8	16.8	45.3	2.8	22.4	6.6	10.5
7-12mos	702352	295414.1	105.6	1.8	21.9	37.0	3.2	35.8	4.4	11.5
1-2yr	689714	676796.7	99.0	1.7	17.9	23.2	3.4	45.6	2.3	10.9
2-5yr	661124	1860369.6	55.0	0.7	6.1	9.6	2.0	30.3	1.1	4.6
5-10yr	579952	2610814.5	30.0	0.4	1.9	3.2	1.4	18.5	0.6	2.6
10-14yr	466066	1681040.4	13.9	0.4	1.2	1.3	1.2	6.8	0.4	1.9
14-18yr	373978	1311430.5	16.2	0.5	1.0	1.2	2.1	6.8	1.4	2.1

Supplementary Table: Change in rate for gestational age, birth weight, and birth length by infection category.

Rate increase for 1 week decrease in gestational age from 39-40 weeks

	IRR	95% CI	%increase
Any infection	1.12	1.12 - 1.13	12.34
Invasive Bacterial	1.10	1.08 - 1.13	10.31
Gastrointestinal	1.12	1.10 - 1.13	11.67
Lower Respiratory Tract	1.20	1.19 - 1.21	19.86
Skin and Soft Tissue	1.08	1.06 - 1.10	8.34
Upper Respiratory Tract	1.10	1.10 - 1.11	10.36
Genitourinary	1.13	1.10 - 1.16	13.09
Other Viral	1.13	1.12 - 1.14	13.1

Rate increase for 500g decrease in birth weight from 3000-3500g

	IRR	95% CI	%increase
Any infection	1.20	1.18 - 1.21	19.69
Invasive Bacterial	1.22	1.16 - 1.29	22.45
Gastrointestinal	1.20	1.18 - 1.23	20.49
Lower Respiratory Tract	1.33	1.31 - 1.35	32.99
Skin and Soft Tissue	1.16	1.11 - 1.2	15.60
Upper Respiratory Tract	1.16	1.14 - 1.18	16.04
Genitourinary	1.20	1.15 - 1.26	20.23
Other Viral	1.21	1.18 - 1.23	20.91

Rate increase for 5cm decrease in birth length from 46-50cm

	IRR	95% CI	%increase
Any infection	1.41	1.38 - 1.45	41.04
Invasive Bacterial	1.44	1.3 - 1.61	44.48
Gastrointestinal	1.39	1.33 - 1.46	39.12
Lower Respiratory Tract	1.71	1.64 - 1.78	70.83
Skin and Soft Tissue	1.33	1.21 - 1.46	33.02
Upper Respiratory Tract	1.33	1.29 - 1.37	32.81
Genitourinary	1.43	1.27 - 1.61	43.12
Other Viral	1.44	1.38 - 1.51	44.16

Adjusted for maternal age (<20,20-24,25-29,30-34, ≥35 years), parity (no previous birth/yes previous birth), birth cohort (2 year blocks), season of birth, sex, mode of delivery (vaginal/caesarean), 5 minute APGAR score (0-7,8-10), bronchopulmonary dysplasia (present/absent), socioeconomic status (percentile: >90 (highest), 75-90, 50-75, 25-50, 10-25, <10).

Supplementary Table: Overall adjusted childhood infection-related hospitalisation rate ratio and 95% confidence interval in total population and in children not considered to be at high risk.

Gestational Age (wks)	Total Population		No neurodevelopmental disability		No Complications during Pregnancy		No Medical Conditions during Pregnancy	
	n=719,311		n=259,752		n=482,036		n=570,428	
<28	2.91	(2.55-3.33)	3.47	(2.84-4.23)	2.12	(1.47-3.06)	2.86	(2.40-3.42)
28-29	2.49	(2.24-2.78)	2.78	(2.32-3.32)	2.52	(1.84-3.44)	2.45	(2.13-2.82)
30-31	2.29	(2.07-2.53)	2.48	(2.15-2.86)	1.92	(1.50-2.46)	2.17	(1.91-2.46)
32-34	1.72	(1.64-1.81)	1.71	(1.59-1.85)	1.56	(1.35-1.79)	1.65	(1.56-1.74)
35	1.57	(1.49-1.65)	1.55	(1.44-1.67)	1.5	(1.36-1.67)	1.53	(1.44-1.63)
36	1.44	(1.39-1.49)	1.43	(1.35-1.51)	1.41	(1.33-1.51)	1.4	(1.35-1.46)
37	1.31	(1.28-1.34)	1.29	(1.25-1.34)	1.29	(1.25-1.34)	1.32	(1.28-1.36)
38	1.15	(1.13-1.17)	1.14	(1.12-1.17)	1.14	(1.12-1.16)	1.15	(1.12-1.17)
39-40 (ref)	1.00	--	1.00	--	1.00	--	1.00	--
41	0.94	(0.92-0.96)	0.89	(0.86-0.92)	0.96	(0.94-0.98)	0.95	(0.93-0.97)
≥42	0.99	(0.94-1.04)	0.88	(0.78-0.98)	1	(0.95-1.06)	0.97	(0.92-1.03)
Birth Weight (g)								
≤1000	2.51	(2.21-2.85)	2.8	(2.32-3.38)	1.83	(1.19-2.79)	2.55	(2.15-3.02)
>1000-1500	2.30	(2.10-2.51)	2.37	(2.06-2.73)	2.35	(1.84-3.01)	2.25	(2.03-2.49)
>1500-2000	1.82	(1.71-1.94)	1.78	(1.62-1.96)	1.75	(1.44-2.13)	1.73	(1.59-1.88)
>2000-2500	1.42	(1.37-1.47)	1.27	(1.20-1.35)	1.42	(1.33-1.52)	1.41	(1.35-1.47)
>2500-3000	1.14	(1.12-1.16)	1.06	(1.03-1.09)	1.11	(1.09-1.14)	1.13	(1.10-1.15)
>3000-3500 (ref)	1.00	--	1.00	--	1.00	--	1.00	--
>3500-4000	0.94	(0.93-0.95)	0.95	(0.93-0.97)	0.95	(0.94-0.97)	0.94	(0.92-0.95)
>4000-4500	0.90	(0.88-0.92)	0.91	(0.88-0.94)	0.93	(0.9-0.95)	0.9	(0.88-0.92)
>4500	0.93	(0.89-0.98)	0.95	(0.88-1.03)	0.96	(0.9-1.01)	0.95	(0.90-1.00)
Birth Length (cm)								
≤30	2.38	(1.85 - 3.07)	3.23	(2.06-5.06)	1.51	(0.79-2.88)	2.45	(1.72-3.50)
>30-35	2.17	(1.91 - 2.47)	2.72	(2.21-3.35)	1.17	(0.85-1.61)	2.11	(1.78-2.50)
>35-40	2.11	(1.93 - 2.29)	2.14	(1.87-2.45)	1.75	(1.40-2.20)	1.99	(1.80-2.20)
>40-45	1.45	(1.40 - 1.50)	1.39	(1.31-1.46)	1.31	(1.24-1.39)	1.4	(1.34-1.46)
>45-50 (ref)	1.00	--	1.00	--	1.00	--	1.00	--
>50-55	0.89	(0.88 - 0.91)	0.92	(0.91-0.94)	0.92	(0.91-0.93)	0.9	(0.89-0.91)
>55-60	0.88	(0.84 - 0.92)	0.9	(0.83-0.96)	0.92	(0.87-0.97)	0.88	(0.83-0.93)
>60-65	1.09	(0.70 - 1.70)	1.08	(0.68-1.72)	1.1	(0.61-1.96)	1.38	(0.86-2.21)

Adjusted for maternal age (<20,20-24,25-29,30-34, ≥35 years), parity (no previous birth/yes previous birth), birth cohort (2 year blocks), season of birth, sex, mode of delivery (vaginal/caesarean), 5 minute APGAR score (0-7,8-10), bronchopulmonary dysplasia (present/absent), socioeconomic status (percentile: >90 (highest), 75-90, 50-75, 25-50, 10-25, <10).

'No neurodevelopmental disability' group was defined by children without a diagnosed intellectual disability, severe intellectual disability of unknown aetiology, birth defects, cerebral palsy, and whose mothers reported no smoking during pregnancy (where data were available).

'No complications during pregnancy' group was defined by children whose mothers had no recorded complications for the variable 'complications during pregnancy' in the Midwives' Notification System

'No medical conditions during pregnancy' group was defined by children whose mothers had no recorded medical conditions for the variable 'medical conditions during pregnancy' in the Midwives' Notification System

Supplementary Table: Overall adjusted childhood infection-related hospitalisation rate ratio and 95% confidence interval with and without adjustments for socioeconomic status and smoking during pregnancy in model.

Gestational Age (wks)	Fully adjusted		Fully adjusted + smoking status		Socioeconomic status not included in model	
	HR	95% CI	HR	95% CI	RR	95%CI
<28	2.91	(2.55-3.33)	2.96	(2.53-3.47)	2.93	(2.60-3.30)
28-29	2.49	(2.24-2.78)	2.82	(2.44-3.25)	2.47	(2.25-2.71)
30-31	2.29	(2.07-2.53)	2.68	(2.35-3.04)	2.24	(2.06-2.45)
32-34	1.72	(1.64-1.81)	1.89	(1.77-2.02)	1.71	(1.64-1.79)
35	1.57	(1.49-1.65)	1.7	(1.58-1.84)	1.55	(1.48-1.63)
36	1.44	(1.39-1.49)	1.53	(1.45-1.61)	1.41	(1.37-1.46)
37	1.31	(1.28-1.34)	1.35	(1.30-1.40)	1.3	(1.27-1.33)
38	1.15	(1.13-1.17)	1.17	(1.15-1.20)	1.14	(1.12-1.15)
39-40 (ref)	1.00	--	1.00	--	1.00	--
41	0.94	(0.92-0.96)	0.90	(0.88-0.93)	0.94	(0.93-0.96)
≥42	0.99	(0.94-1.04)	0.91	(0.82-1.01)	1.02	(0.99-1.06)
Birth Weight (g)						
≤1000	2.51	(2.21-2.85)	2.63	(2.26-3.07)	2.61	(2.32-2.94)
>1000-1500	2.30	(2.10-2.51)	2.51	(2.23-2.81)	2.3	(2.12-2.49)
>1500-2000	1.82	(1.71-1.94)	2.01	(1.84-2.19)	1.87	(1.77-1.98)
>2000-2500	1.42	(1.37-1.47)	1.42	(1.35-1.50)	1.43	(1.39-1.48)
>2500-3000	1.14	(1.12-1.16)	1.12	(1.09-1.15)	1.14	(1.12-1.16)
>3000-3500 (ref)	1.00	--	1.00	--	1.00	--
>3500-4000	0.94	(0.93-0.95)	0.93	(0.91-0.95)	0.94	(0.93-0.95)
>4000-4500	0.90	(0.88-0.92)	0.90	(0.87-0.93)	0.90	(0.89-0.92)
>4500	0.93	(0.89-0.98)	0.91	(0.84-0.97)	0.93	(0.89-0.97)
Birth Length (cm)						
≤30	2.38	(1.85 - 3.07)	2.52	(1.86-3.42)	2.51	(1.95-3.21)
>30-35	2.17	(1.91 - 2.47)	2.64	(2.24-3.11)	2.17	(1.94-2.43)
>35-40	2.11	(1.93 - 2.29)	2.25	(2.02-2.50)	2.11	(1.95-2.28)
>40-45	1.45	(1.40 - 1.50)	1.45	(1.39-1.52)	1.46	(1.42-1.51)
>45-50 (ref)	1.00	--	1.00	--	1.00	--
>50-55	0.89	(0.88 - 0.91)	0.89	(0.88-0.91)	0.90	(0.89-0.91)
>55-60	0.88	(0.84 - 0.92)	0.88	(0.82-0.95)	0.90	(0.87-0.94)
>60-65	1.09	(0.70 - 1.70)	0.96	(0.61-1.49)	1.04	(0.75-1.44)

*Fully adjusted model includes maternal age (<20,20-24,25-29,30-34, ≥35 years), parity (no previous birth/yes previous birth), birth cohort (2 year blocks), season of birth, sex, mode of delivery (vaginal/caesarean), 5 minute APGAR score (0-7,8-10), bronchopulmonary dysplasia (present/absent), socioeconomic status (percentile: >90 (highest), 75-90, 50-75, 25-50, 10-25, <10).

Supplementary Figure

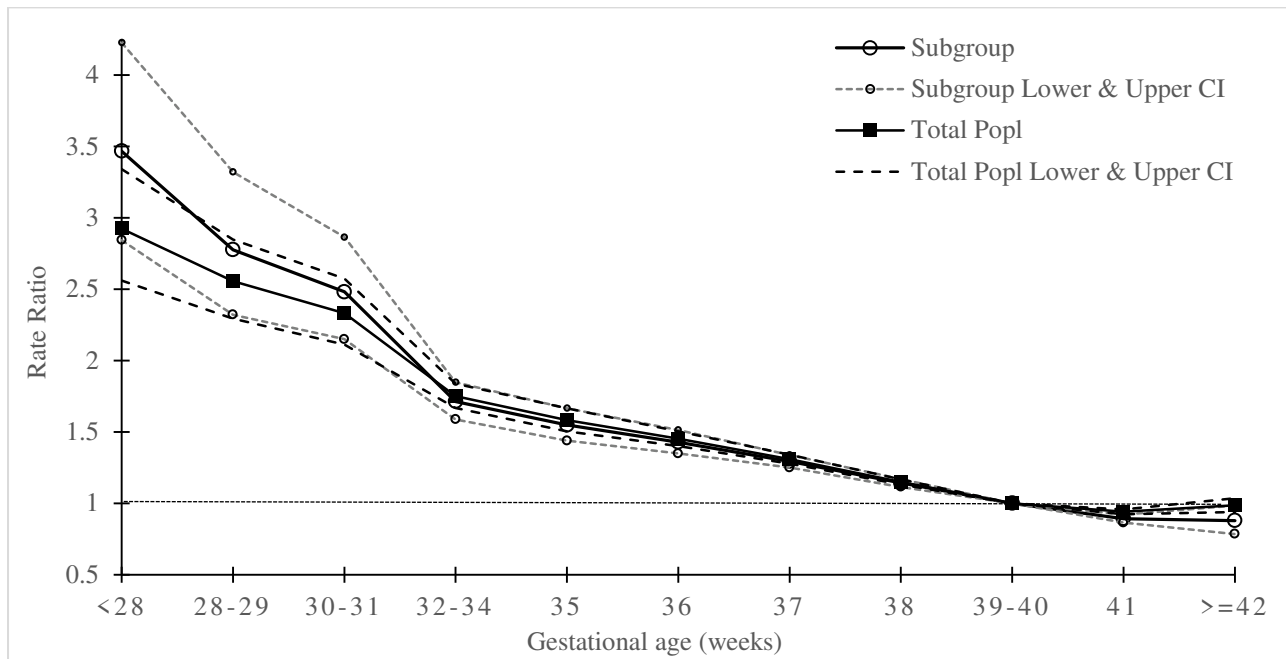


Figure adjusted for maternal age (<20,20-24,25-29,30-34, >=35 years), parity (no previous birth/yes previous birth), birth cohort (2 year blocks), season of birth, sex, mode of delivery (vaginal/caesarean), 5 minute APGAR score (0-7,8-10), bronchopulmonary dysplasia (present/absent), socioeconomic status (percentile: >90 (highest), 75-90, 50-75, 25-50, 10-25, <10).

Supplementary Figure

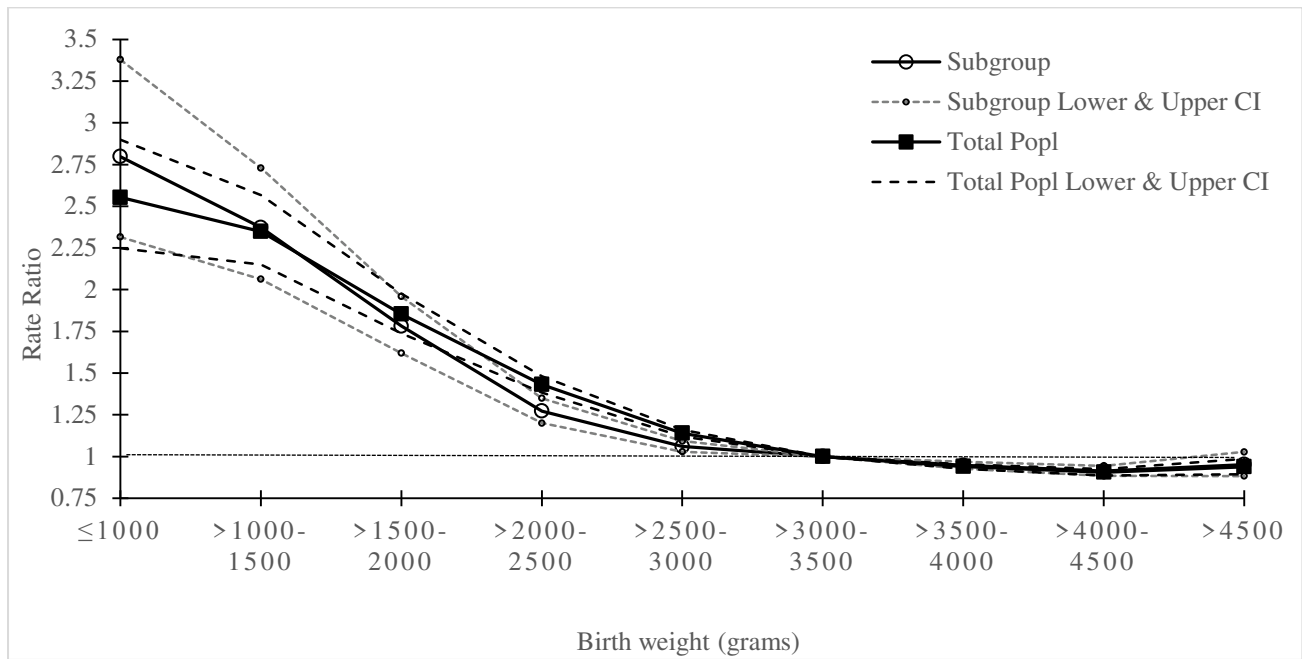


Figure adjusted for maternal age (<20,20-24,25-29,30-34, ≥35 years), parity (no previous birth/yes previous birth), birth cohort (2 year blocks), season of birth, sex, mode of delivery (vaginal/caesarean), 5 minute APGAR score (0-7,8-10), bronchopulmonary dysplasia (present/absent), socioeconomic status (percentile: >90 (highest), 75-90, 50-75, 25-50, 10-25, <10).

Supplementary Figure

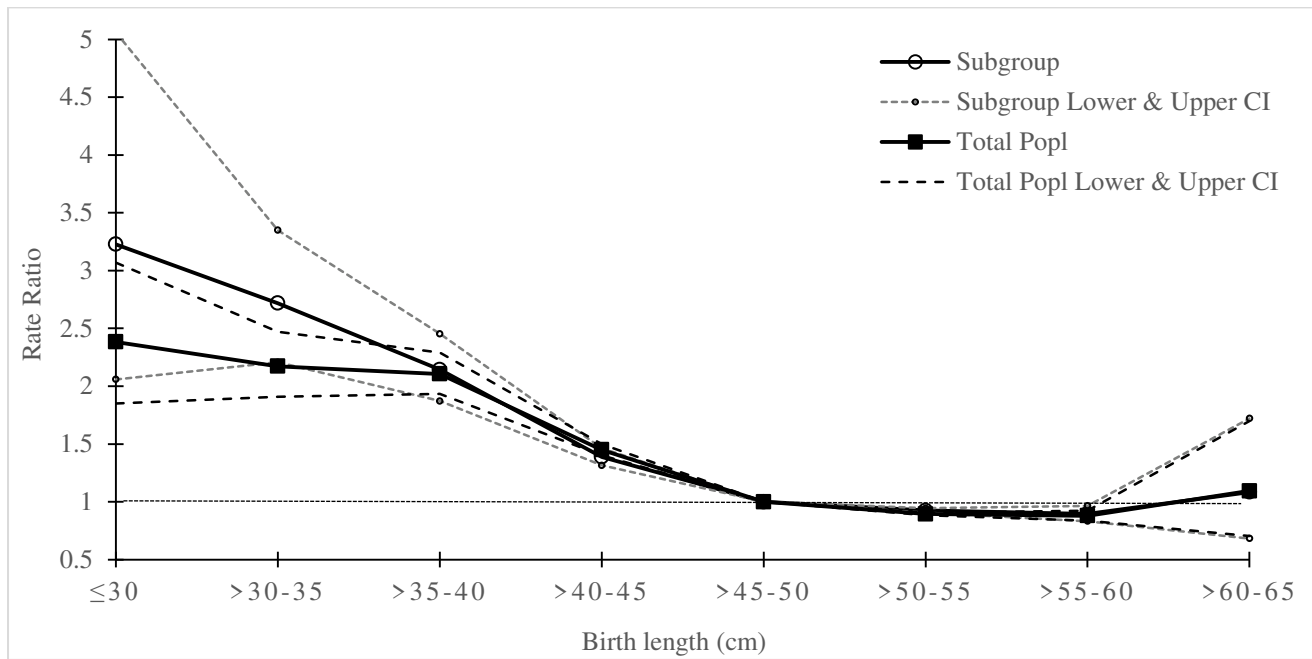


Figure adjusted for maternal age (<20,20-24,25-29,30-24, >=35 years), parity (no previous birth/yes previous birth), birth cohort (2 year blocks), season of birth, sex, mode of delivery (vaginal/caesarean), 5 minute APGAR score (0-7,8-10), bronchopulmonary dysplasia (present/absent), socioeconomic status (percentile: >90 (highest), 75-90, 50-75, 25-50, 10-25, <10).

Supplementary Figure

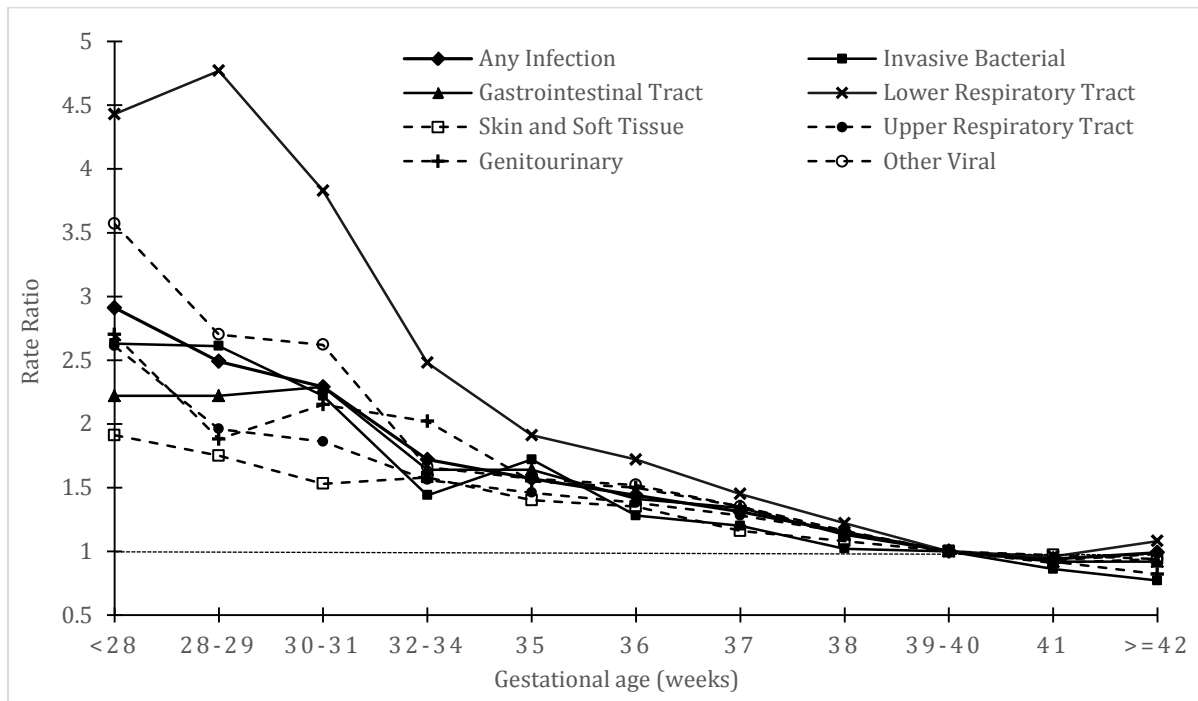


Figure adjusted for maternal age (<20, 20-24, 25-29, 30-34, >=35 years), parity (no previous birth/yes previous birth), birth cohort (2 year blocks), season of birth, sex, mode of delivery (vaginal/caesarean), 5 minute APGAR score (0-7,8-10), bronchopulmonary dysplasia (present/absent), socioeconomic status (percentile: >90 (highest), 75-90, 50-75, 25-50, 10-25, <10).

Supplementary Figure

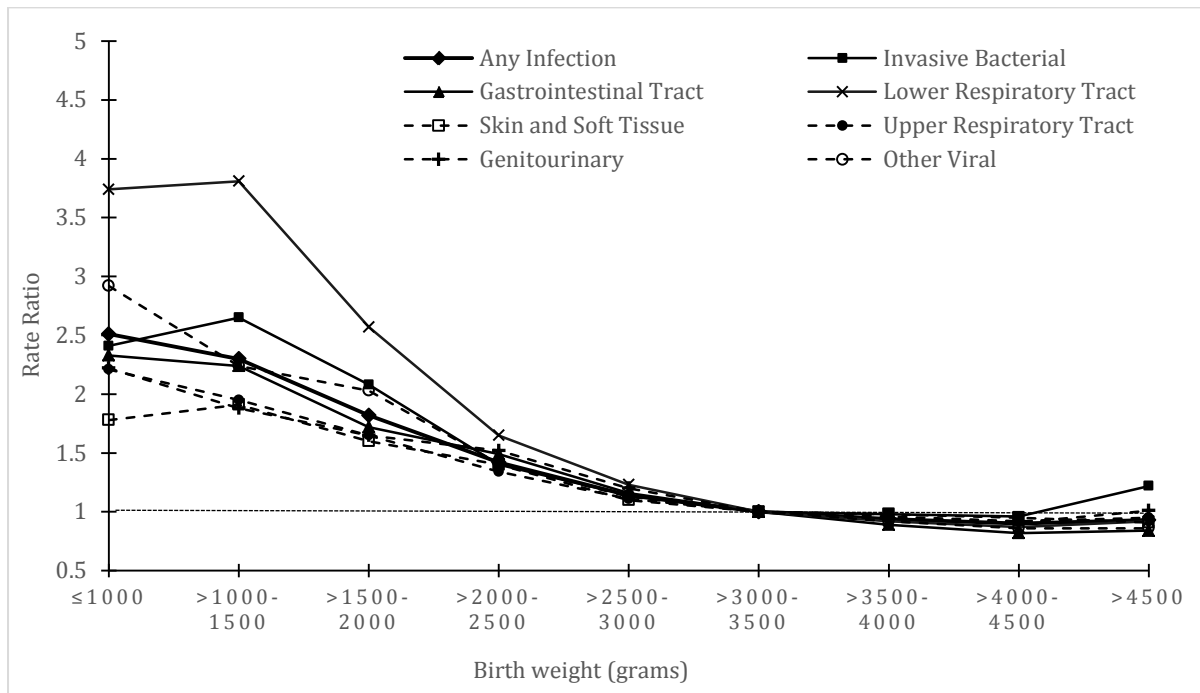


Figure adjusted for maternal age (<20, 20-24, 25-29, 30-34, >=35 years), parity (no previous birth/yes previous birth), birth cohort (2 year blocks), season of birth, sex, mode of delivery (vaginal/caesarean), 5 minute APGAR score (0-7,8-10), bronchopulmonary dysplasia (present/absent), socioeconomic status (percentile: >90 (highest), 75-90, 50-75, 25-50, 10-25, <10).

Supplementary Figure

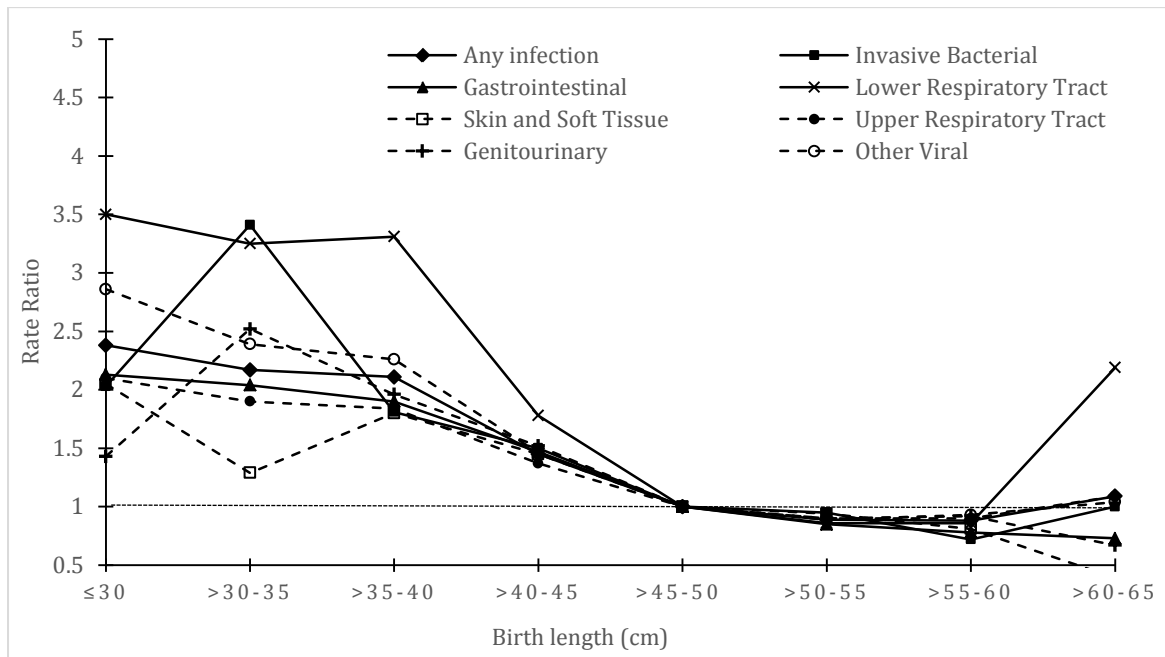
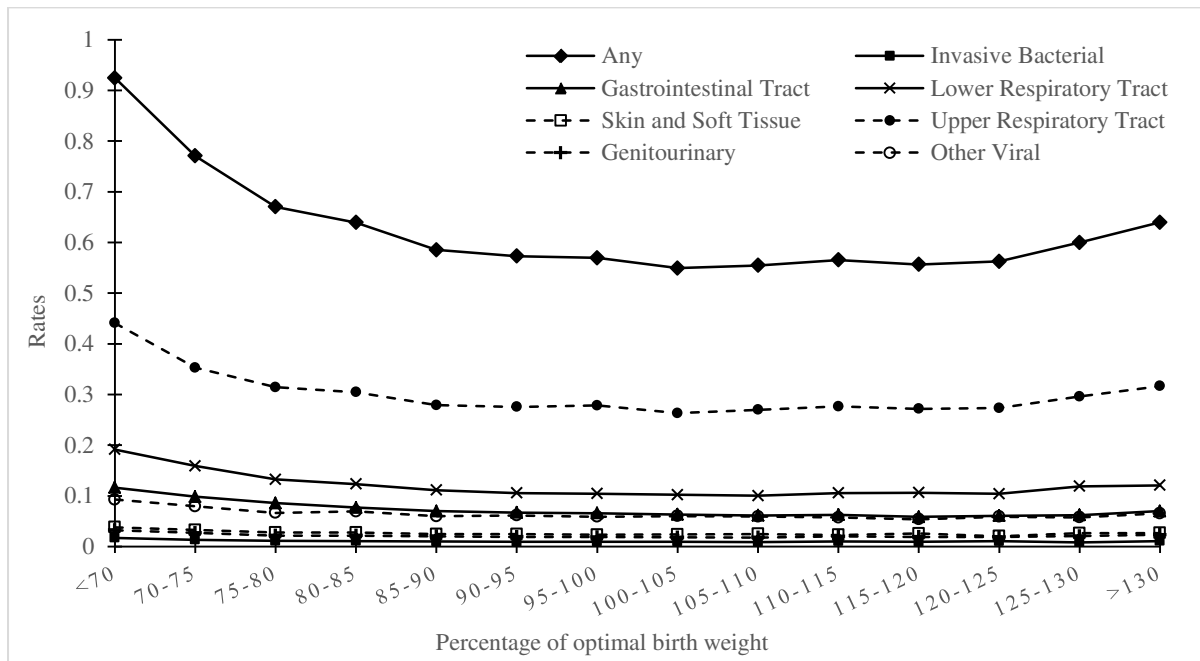


Figure adjusted for maternal age (<20, 20-24, 25-29, 30-34, ≥35 years), parity (no previous birth/yes previous birth), birth cohort (2 year blocks), season of birth, sex, mode of delivery (vaginal/caesarean), 5 minute APGAR score (0-7,8-10), bronchopulmonary dysplasia (present/absent), socioeconomic status (percentile: >90 (highest), 75-90, 50-75, 25-50, 10-25, <10).

Supplementary Figure



Percentage of optimal birth weight is the ratio, at each gestational age, of an individual’s birth weight to that of the average birth weight born to a Western Australian woman of a similar height, age, and parity (based on a population cohort data from 1998-2002), excluding women with morbidities commonly affecting intrauterine growth (smoking, cardiovascular disease, birth defects, diabetes, congenital infections, and multiple pregnancies).²⁰ A percentage of optimal birth weight value of <math><100</math> indicates that the baby was lighter than expected, whereas a value >100 indicates a baby heavier than expected, based on gestational age and mothers’ characteristics.

Adjusted for maternal age (<math><20</math>, 20-24, 25-29, 30-34, >=35 years), parity (no previous birth/yes previous birth), birth cohort (2 year blocks), season of birth, sex, mode of delivery (vaginal/caesarean), 5 minute APGAR score (0-7,8-10), bronchopulmonary dysplasia (present/absent), socioeconomic status (percentile: >90 (highest), 75-90, 50-75, 25-50, 10-25, <math><10</math>).

Figure 1. Flowchart of study population

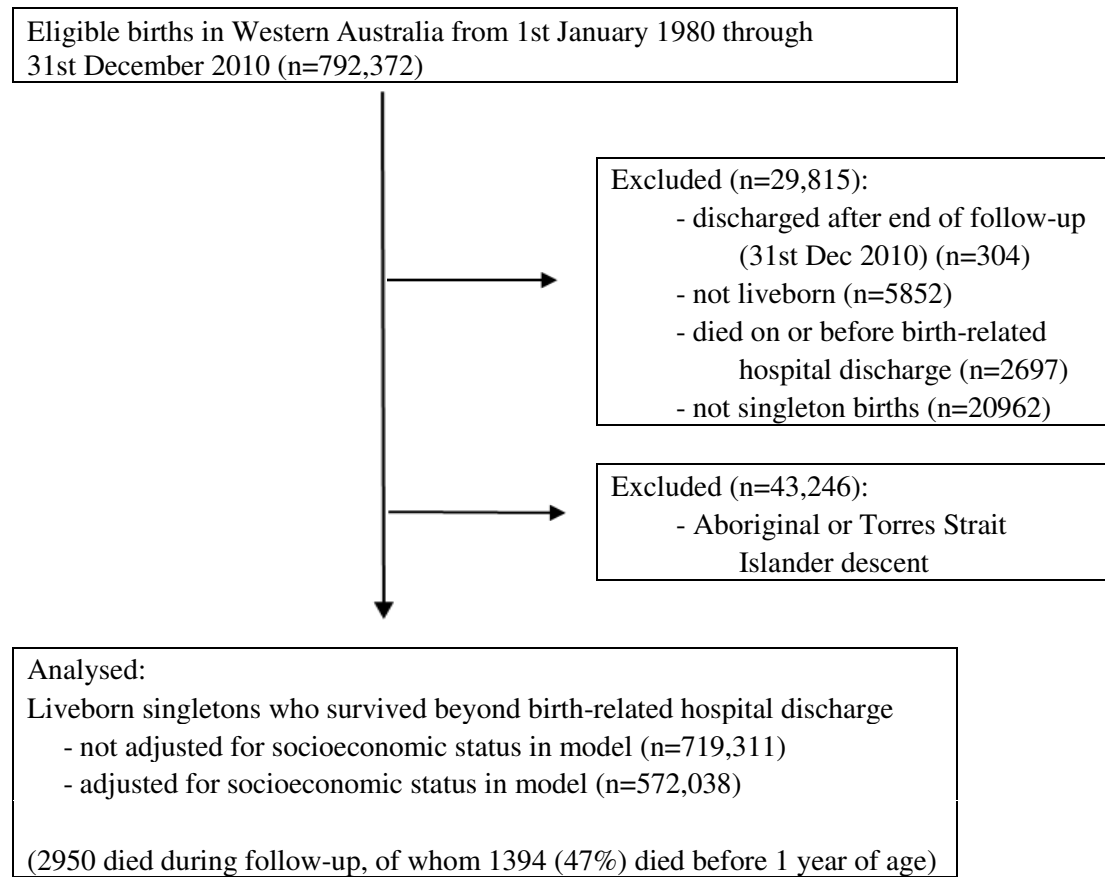


Figure 2: Adjusted age-specific infection-related hospitalisation rate ratios by (a) gestational age, (b) birth weight, and (c) birth length, Western Australia 1980-2010

Figure 2a

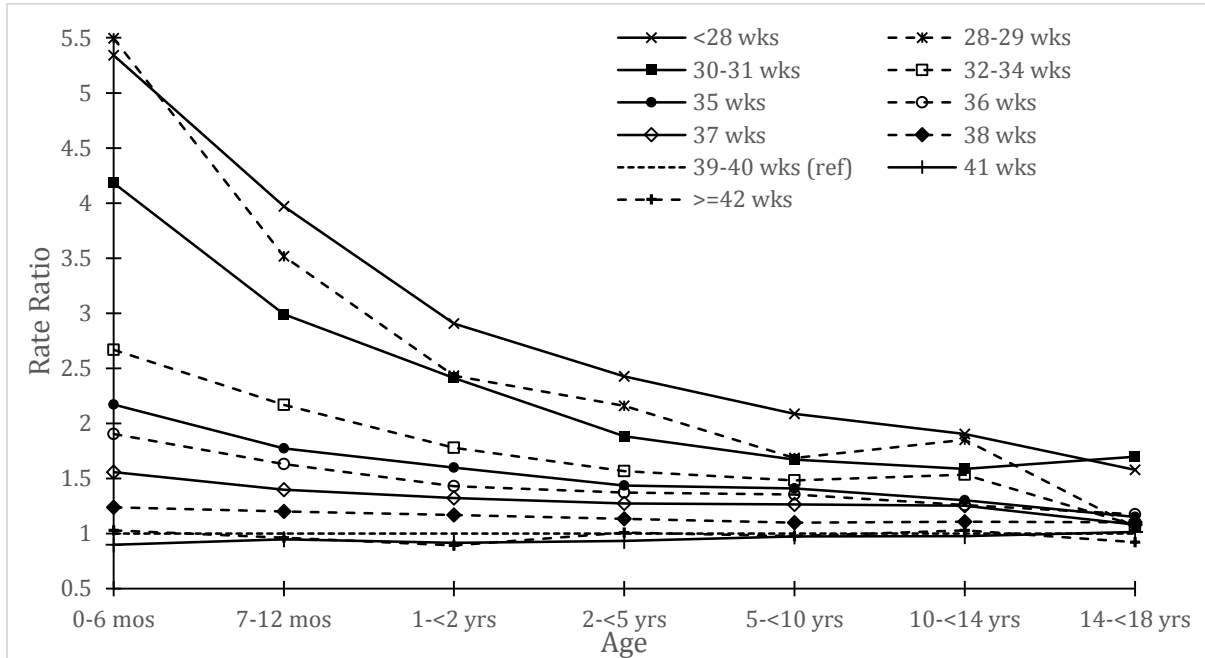


Figure 2b

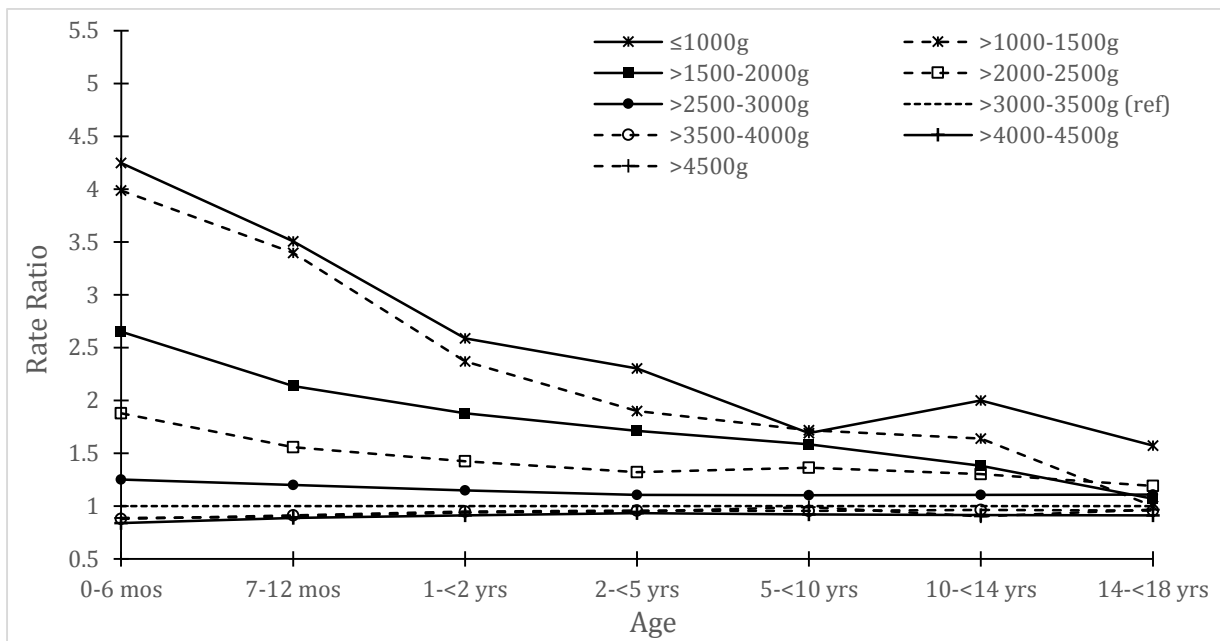
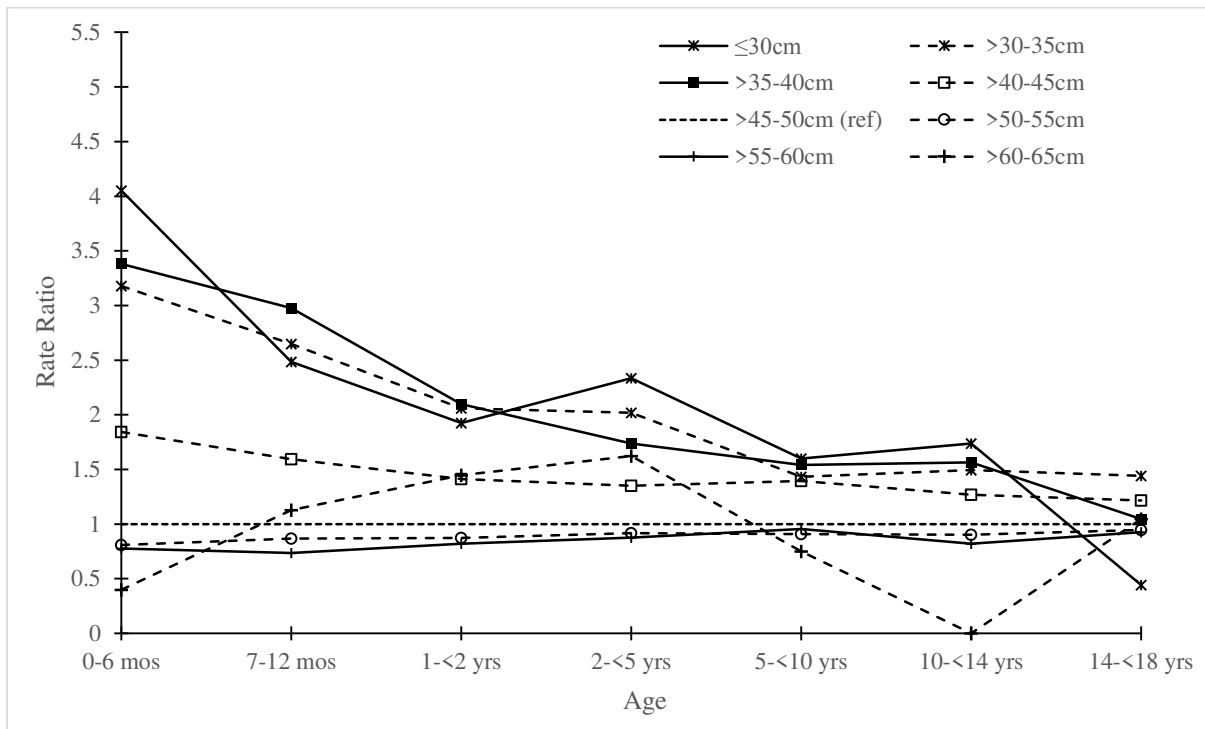


Figure 2c



Figures adjusted for maternal age (<20, 20-24, 25-29, 30-34, ≥ 35 years), parity (no previous birth/yes previous birth), birth cohort (2 year blocks), season of birth, sex, mode of delivery (vaginal/caesarean), 5 minute APGAR score (0-7,8-10), bronchopulmonary dysplasia (present/absent), socioeconomic status (percentile: >90 (highest), 75-90, 50-75, 25-50, 10-25, <10).

Figure 3: Overall adjusted childhood infection-related hospitalisation rate ratio and 95% confidence interval by (a) birth weight z-score, (b) birth length z-score, and (c) ponderal index z-score, Western Australia 1980-2010

Figure 3a

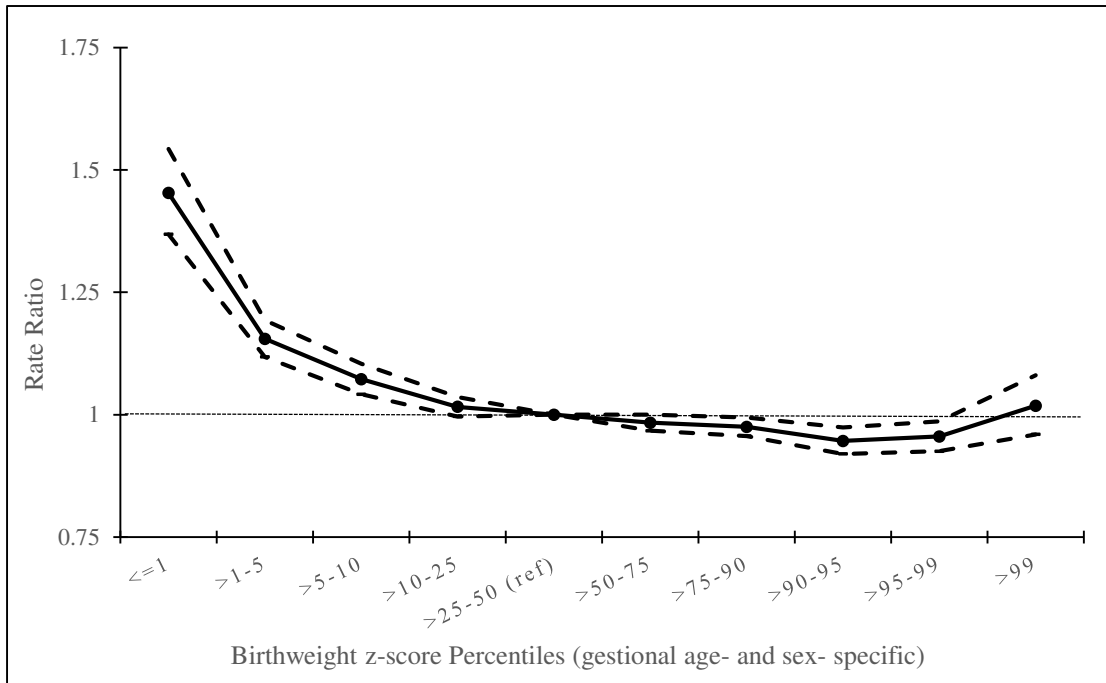


Figure 3b

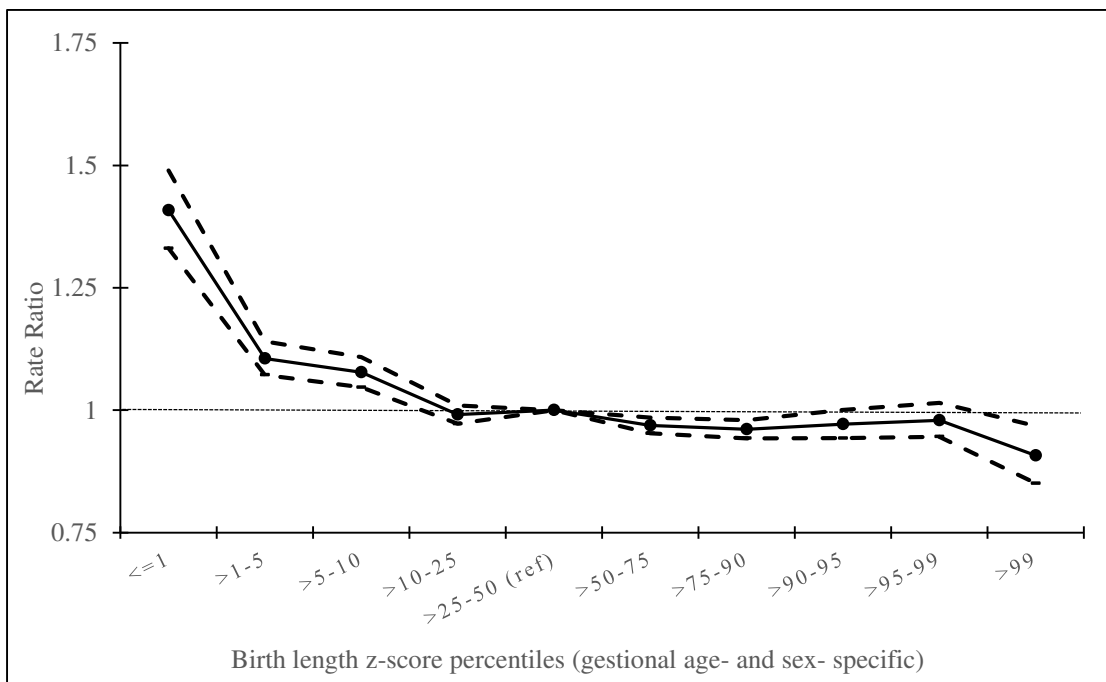
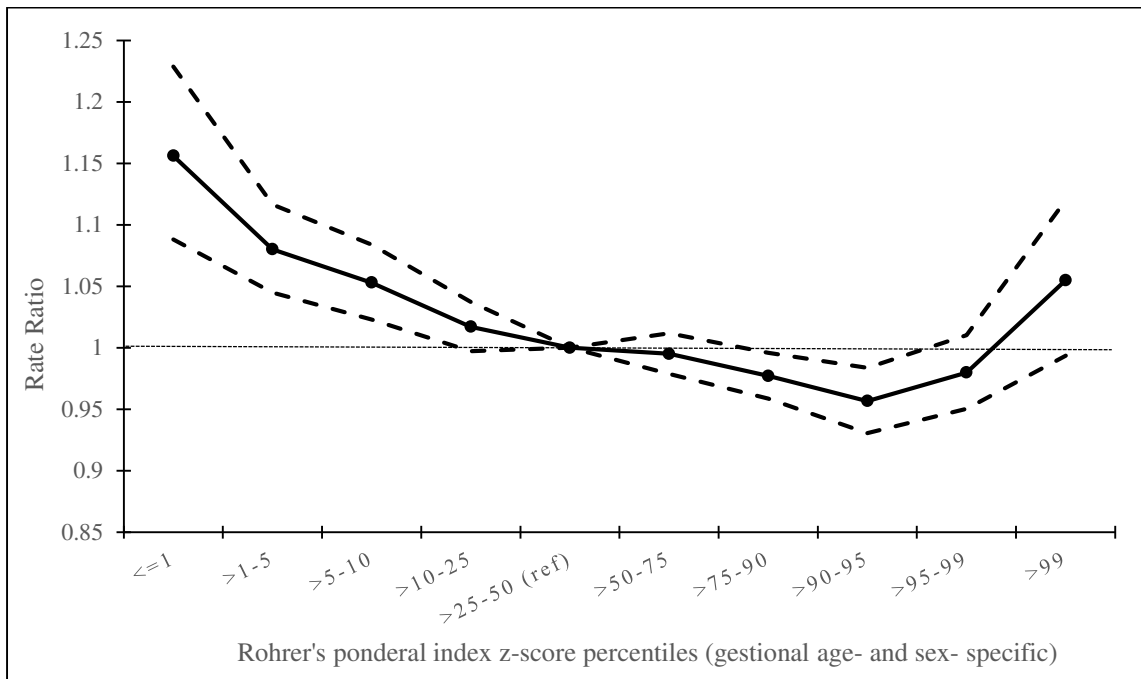


Figure 3c



Above figures adjusted for maternal age (<20, 20-24, 25-29, 30-34, ≥ 35 years), parity (no previous birth/yes previous birth), birth cohort (2 year blocks), season of birth, sex, mode of delivery (vaginal/caesarean), 5 minute APGAR score (0-7,8-10), bronchopulmonary dysplasia (present/absent), socioeconomic status (percentile: >90 (highest), 75-90, 50-75, 25-50, 10-25, <10).

Table 1: Characteristics of study population, Western Australia 1980-2010

	Overall	No infection hospitalisation	Infection hospitalisation
	n=719,311	n=505,629 (70.3%)	n=213,682 (29.7%)
		n (%)	n (%)
Gestational Age, weeks			
<28	1312 (0.2)	466 (0.1)	846 (0.4)
28-29	1313 (0.2)	611 (0.1)	702 (0.3)
30-31	2256 (0.3)	1182 (0.2)	1074 (0.5)
32-34	10006 (1.4)	6049 (1.2)	3957 (1.9)
35	9288 (1.3)	5882 (1.2)	3406 (1.6)
36	19024 (2.6)	12371 (2.5)	6653 (3.1)
37	52763 (7.3)	35105 (6.9)	17658 (8.3)
38	141343 (19.7)	99312 (19.6)	42031 (19.7)
39-40	369361 (51.3)	264418 (52.3)	104943 (49.1)
41	96843 (13.5)	69430 (13.7)	27413 (12.8)
≥42	13832 (1.9)	9512 (1.9)	4320 (2)
Missing	1970 (0.3)	1291 (0.3)	679 (0.3)
Birth Weight, grams			
≤1000	1277 (0.2)	473 (0.1)	804 (0.4)
>1000-1500	2656 (0.3)	1288 (0.2)	1368 (0.6)
>1500-2000	5560 (0.8)	3182 (0.6)	2378 (1.1)
>2000-2500	21430 (3)	13733 (2.7)	7697 (3.6)
>2500-3000	109852 (15.3)	75346 (14.9)	34506 (16.2)
>3000-3500	274234 (38.1)	194012 (38.4)	80222 (37.5)
>3500-4000	225866 (31.4)	161580 (32)	64286 (30.1)
>4000-4500	67736 (9.4)	48470 (9.6)	19266 (9)
>4500	10581 (1.5)	7466 (1.5)	3115 (1.5)
Missing	119 (0)	79 (0)	40 (0)
Birth Length, cm			
≤30	175 (0)	70 (0)	105 (0)
>30-35	1187 (0.2)	489 (0.1)	698 (0.3)
>35-40	2886 (0.4)	1463 (0.3)	1423 (0.7)
>40-45	21709 (3)	13670 (2.7)	8039 (3.8)
>45-50	355253 (49.4)	249033 (49.3)	106220 (49.7)
>50-55	320877 (44.6)	228797 (45.2)	92080 (43.1)
>55-60	16294 (2.3)	11548 (2.3)	4746 (2.2)
>60-65	180 (0)	123 (0)	57 (0)
Missing	750 (0.1)	435 (0.1)	315 (0.2)
Birth Weight z-score, percentile			
≤1	7190 (1)	3742 (0.7)	3448 (1.6)
>1-5	29001 (4)	18642 (3.7)	10359 (4.8)
>5-10	35542 (4.9)	24013 (4.7)	11529 (5.4)
>10-25	108042 (15)	75087 (14.9)	32955 (15.4)
>25-50	179798 (25)	127287 (25.2)	52511 (24.6)
>50-75	178815 (24.9)	127899 (25.3)	50916 (23.8)

>75-90	107562 (15)	76865 (15.2)	30697 (14.4)
>90-95	35034 (4.8)	25166 (5)	9868 (4.6)
>95-99	28620 (4)	20380 (4)	8240 (3.9)
>99	7068 (1)	4983 (1)	2085 (1)
Missing	2639 (0.4)	1565 (0.3)	1074 (0.5)
Birth Length z-score, percentile			
≤1	7354 (1)	4700 (0.9)	2654 (1.2)
>1-5	31553 (4.4)	21504 (4.2)	10049 (4.7)
>5-10	33823 (4.7)	23139 (4.6)	10684 (5)
>10-25	114432 (15.9)	80158 (15.9)	34274 (16)
>25-50	175681 (24.4)	123283 (24.4)	52398 (24.5)
>50-75	174850 (24.3)	124041 (24.5)	50809 (23.8)
>75-90	107595 (15)	76864 (15.2)	30731 (14.4)
>90-95	36135 (5)	25598 (5.1)	10537 (5)
>95-99	27507 (3.8)	19336 (3.8)	8171 (3.8)
>99	7111 (1)	5080 (1)	2031 (1)
Missing	3270 (0.5)	1925 (0.4)	1345 (0.6)
Ponderal Index z-score, percentile			
≤1	7160 (1)	4769 (0.9)	2391 (1.1)
>1-5	28638 (4)	19609 (3.9)	9029 (4.2)
>5-10	35813 (5)	24763 (4.9)	11050 (5.2)
>10-25	107384 (14.9)	75225 (14.9)	32159 (15)
>25-50	179105 (24.9)	126140 (24.9)	52965 (24.8)
>50-75	178892 (24.9)	126282 (25)	52610 (24.6)
>75-90	107433 (14.9)	76257 (15.1)	31176 (14.6)
>90-95	35738 (5)	25347 (5)	10391 (4.9)
>95-99	28638 (4)	20235 (4)	8403 (4)
>99	7158 (1)	5018 (1)	2140 (1)
Missing	3352 (0.4)	1983 (0.4)	1369 (0.6)
Maternal Age, years			
<20	34589 (4.8)	21043 (4.2)	13546 (6.3)
20-24	140267 (19.5)	91620 (18.1)	48647 (22.8)
25-29	241151 (33.5)	167878 (33.2)	73273 (34.3)
30-34	204605 (28.5)	150037 (29.7)	54568 (25.5)
≥35	98683 (13.7)	75039 (14.8)	23644 (11.1)
Missing	16 (0)	11 (0)	5 (0)
Smoking during Pregnancy			
No	274659 (38.2)	211464 (41.8)	63195 (29.6)
Yes	52547 (7.3)	36649 (7.3)	15898 (7.4)
Missing	392105 (54.5)	257515 (50.9)	134590 (63)
Mode of Delivery			
Vaginal	553275 (76.9)	389513 (77)	163762 (76.6)
Caesarean section	166036 (23.1)	116116 (23)	49920 (23.4)
Missing	0 (0)	0 (0)	0 (0)
Sex			
Male	369221 (51.3)	251072 (49.7)	118149 (55.3)
Female	350090 (48.7)	254557 (50.3)	95533 (44.7)
Missing	0 (0)	0 (0)	0 (0)

Parity				
	Primiparous	295572 (41.1)	209088 (41.4)	86484 (40.5)
	≥1 Birth	423739 (58.9)	296541 (58.6)	127198 (59.5)
	Missing	0 (0)	0 (0)	0 (0)
5-minute APGAR				
	0-7	21279 (3)	13275 (2.6)	8004 (3.7)
	8-10	697418 (96.9)	491906 (97.3)	205512 (96.2)
	Missing	614 (0.1)	447 (0.1)	167 (0.1)
Season of Birth				
	Spring	179964 (25)	128275 (25.4)	51689 (24.2)
	Summer	173798 (24.2)	121911 (24.1)	51887 (24.3)
	Autumn	184660 (25.7)	128568 (25.4)	56092 (26.2)
	Winter	180889 (25.1)	126875 (25.1)	54014 (25.3)
	Missing	0 (0)	0 (0)	0 (0)
Any birth defect				
	No	682267 (94.9)	485233 (96)	197034 (92.2)
	Yes	37044 (5.1)	20396 (4)	16648 (7.8)
	Missing	0 (0)	0 (0)	0 (0)
Intellectual disabilities (biomedical and unknown severity)				
	No	717076 (99.7)	505199 (99.9)	211877 (99.2)
	Yes	2235 (0.3)	430 (0.1)	1805 (0.8)
	Missing	0 (0)	0 (0)	0 (0)
Cerebral Palsy - disability score				
	No CP	717775 (99.8)	505123 (99.9)	212652 (99.5)
	Mild CP	857 (0.1)	386 (0.1)	471 (0.2)
	Moderate CP	387 (0.1)	82 (0)	305 (0.2)
	Severe CP	292 (0)	38 (0)	254 (0.1)
	Missing	0 (0)	0 (0)	0 (0)
Bronchopulmonary dysplasia				
	No	718025 (99.8)	505208 (99.9)	212817 (99.6)
	Yes	1286 (0.2)	421 (0.1)	865 (0.4)
	Missing	0 (0)	0 (0)	0 (0)
Socioeconomic index, percent				
	>90 (highest)	52407 (7.3)	39286 (7.8)	13121 (6.1)
	75-90	94011 (13)	68749 (13.6)	25262 (11.8)
	50-75	141471 (19.7)	101097 (20)	40374 (18.9)
	25-50	148003 (20.6)	103928 (20.6)	44075 (20.6)
	10-25	89045 (12.4)	61122 (12.1)	27923 (13.1)
	<10 (lowest)	47101 (6.5)	30967 (6.1)	16134 (7.6)
	Missing	147273 (20.5)	100480 (19.8)	46793 (21.9)
Birth year				
	1980-1989	213850 (29.7)	143834 (28.5)	70016 (32.8)
	1990-1999	231541 (32.2)	148344 (29.3)	83197 (38.9)
	2000-2010	273920 (38.1)	213451 (42.2)	60469 (28.3)

Chi-square test for difference in proportions between children with and without recorded infection hospitalisation was done for dichotomous and categorised variables. Likelihood ratio tests for linearity and departure from linearity were also done for ordered variables. All p-values were <0.001

Table 2: Overall adjusted childhood infection-related hospitalisation rate ratios for gestational age, birth weight, and birth length, by infection category, Western Australia 1980-2010

	Any infection		Invasive Bacterial		Gastrointestinal		Lower Respiratory Tract		Skin and Soft Tissue		Upper Respiratory Tract		Genitourinary		Other Viral	
Gestational age (wks)	RR	95%CI	RR	95%CI	RR	95%CI	RR	95%CI	RR	95%CI	RR	95%CI	RR	95%CI	RR	95%CI
<28	2.91	(2.55-3.33)	2.63	(1.45-4.79)‡	2.22	(1.60-3.09)	4.43	(3.66-5.36)	1.91	(1.21-3.03) ⁺	2.61	(2.22-3.07)	2.70	(1.18-6.16)*	3.60	(2.85-4.47)
28-29	2.49	(2.24-2.78)	2.61	(1.65-4.13)	2.22	(1.76-2.80)	4.77	(4.07-5.59)	1.75	(1.17-2.61) ⁺	1.96	(1.70-2.25)	1.90	(1.16-3.03) ⁺	2.70	(2.24-3.27)
30-31	2.29	(2.07-2.53)	2.22	(1.49-3.33)	2.29	(1.90-2.75)	3.83	(3.32-4.43)	1.53	(1.17-1.99) ⁺	1.86	(1.66-2.08)	2.20	(1.52-3.04)	2.60	(2.26-3.05)
32-34	1.72	(1.64-1.81)	1.44	(1.15-1.81) ‡	1.64	(1.49-1.81)	2.48	(2.30-2.68)	1.58	(1.29-1.93)	1.56	(1.46-1.66)	2.00	(1.48-2.76)	1.70	(1.51-1.83)
35	1.57	(1.49-1.65)	1.72	(1.37-2.16)	1.64	(1.47-1.83)	1.91	(1.77-2.07)	1.40	(1.08-1.80) ⁺	1.46	(1.38-1.55)	1.60	(1.29-1.87)	1.60	(1.42-1.74)
36	1.44	(1.39-1.49)	1.28	(1.08-1.51) ⁺	1.41	(1.32-1.51)	1.72	(1.61-1.84)	1.35	(1.21-1.50)	1.38	(1.32-1.44)	1.50	(1.31-1.71)	1.50	(1.41-1.63)
37	1.31	(1.28-1.34)	1.20	(1.07-1.35) ⁺	1.34	(1.28-1.40)	1.45	(1.38-1.52)	1.16	(1.08-1.25)	1.28	(1.25-1.32)	1.40	(1.21-1.51)	1.40	(1.29-1.42)
38	1.15	(1.13-1.17)	1.02	(0.94-1.12)	1.13	(1.09-1.17)	1.22	(1.18-1.26)	1.08	(1.02-1.14) ⁺	1.15	(1.12-1.17)	1.10	(1.06-1.24) ‡	1.20	(1.12-1.20)
39-40 (ref)	1.00	--	1.00	--	1.00	--	1.00	--	1.00	--	1.00	--	1.00	--	1.00	--
41	0.94	(0.92-0.96)	0.86	(0.78-0.95) ⁺	0.92	(0.89-0.96)	0.96	(0.92-0.99)*	0.97	(0.91-1.03)	0.93	(0.91-0.96)	0.90	(0.85-1.00)	0.90	(0.87-0.95)
≥42	0.99	(0.94-1.04)	0.77	(0.60-1.00)*	0.92	(0.83-1.01)	1.08	(0.99-1.19)	0.94	(0.81-1.09)	0.98	(0.92-1.04)	0.80	(0.66-1.01)	0.90	(0.84-1.06)
Birth weight (g)																
≤1000	2.51	(2.21-2.85)	2.41	(1.34-4.34)	2.33	(1.78-3.05)	3.74	(3.08-4.54)	1.78	(1.14-2.77)*	2.21	(1.89-2.59)	2.22	(0.98-5.06)	2.90	(2.32-3.68)
>1000-1500	2.30	(2.10-2.51)	2.65	(1.85-3.79)	2.24	(1.89-2.65)	3.81	(3.35-4.33)	1.91	(1.39-2.64)	1.95	(1.74-2.19)	1.88	(1.37-2.59)	2.20	(1.94-2.59)
>1500-2000	1.82	(1.71-1.94)	2.08	(1.55-2.79)	1.72	(1.53-1.95)	2.57	(2.34-2.82)	1.60	(1.23-2.08) ‡	1.65	(1.53-1.78)	1.65	(1.29-2.12)	2.00	(1.81-2.27)
>2000-2500	1.42	(1.37-1.47)	1.40	(1.19-1.65)	1.49	(1.39-1.59)	1.65	(1.56-1.74)	1.40	(1.22-1.60)	1.34	(1.28-1.40)	1.52	(1.34-1.72)	1.40	(1.31-1.51)
>2500-3000	1.14	(1.12-1.16)	1.14	(1.03-1.25)	1.16	(1.12-1.20)	1.23	(1.19-1.28)	1.10	(1.04-1.17) ‡	1.11	(1.08-1.13)	1.20	(1.09-1.32)	1.10	(1.09-1.18)
>3000-3500 (ref)	1.00	--	1.00	--	1.00	--	1.00	--	1.00	--	1.00	--	1.00	--	1.00	--
>3500-4000	0.94	(0.93-0.95)	0.98	(0.90-1.06)	0.89	(0.86-0.92)	0.92	(0.89-0.94)	0.98	(0.93-1.03)	0.96	(0.94-0.98)	0.94	(0.88-1.00)	0.90	(0.89-0.96)
>4000-4500	0.90	(0.88-0.92)	0.96	(0.85-1.07)	0.82	(0.79-0.87)	0.87	(0.83-0.91)	0.95	(0.89-1.02)	0.92	(0.90-0.95)	0.91	(0.83-1.01)	0.90	(0.82-0.90)
>4500	0.93	(0.89-0.98) ⁺	1.22	(0.97-1.54)	0.84	(0.75-0.94) ⁺	0.92	(0.84-1.00)	0.91	(0.77-1.09)	0.95	(0.89-1.01)	1.01	(0.76-1.34)	0.90	(0.77-0.97)*
Birth length (cm)																
≤30	2.38	(1.85 - 3.07)	2.03	(0.60 - 6.89)	2.13	(1.29 - 3.52) ⁺	3.50	(2.40 - 5.11)	2.05	(0.75 - 5.61)	2.10	(1.56 - 2.84)	1.43	(0.44 - 4.69)	2.86	(1.88 - 4.36)
>30-35	2.17	(1.91 - 2.47)	3.41	(1.91 - 6.06)	2.04	(1.58 - 2.65)	3.25	(2.65 - 4.00)	1.29	(0.81 - 2.07)	1.90	(1.63 - 2.22)	2.52	(1.24 - 5.10) ⁺	2.39	(1.90 - 3.01)
>35-40	2.11	(1.93 - 2.29)	1.81	(1.26 - 2.61) ‡	1.90	(1.60 - 2.24)	3.31	(2.93 - 3.73)	1.80	(1.30 - 2.48)	1.84	(1.65 - 2.04)	1.96	(1.45 - 2.65)	2.26	(1.97 - 2.61)
>40-45	1.45	(1.40 - 1.50)	1.50	(1.29 - 1.74)	1.47	(1.38 - 1.57)	1.78	(1.69 - 1.88)	1.45	(1.26 - 1.67)	1.37	(1.31 - 1.43)	1.52	(1.27 - 1.81)	1.46	(1.37 - 1.56)
>45-50 (ref)	1.00	--	1.00	--	1.00	--	1.00	--	1.00	--	1.00	--	1.00	--	1.00	--
>50-55	0.89	(0.88 - 0.91)	0.95	(0.89 - 1.02)	0.85	(0.83 - 0.87)	0.86	(0.84 - 0.89)	0.94	(0.90 - 0.98) ⁺	0.90	(0.89 - 0.92)	0.90	(0.85 - 0.95)	0.89	(0.86 - 0.91)
>55-60	0.88	(0.84 - 0.92)	0.72	(0.57 - 0.91) ⁺	0.78	(0.70 - 0.87)	0.86	(0.79 - 0.93)	0.81	(0.70 - 0.94) ⁺	0.90	(0.85 - 0.95)	0.92	(0.75 - 1.11)	0.93	(0.69 - 1.24)
>60-65	1.09	(0.70 - 1.70)	1.00	(0.15 - 6.56)	0.73	(0.28 - 1.96)	2.19	(0.92 - 5.26)	0.39	(0.06 - 2.81)	1.09	(0.70 - 1.72)	0.67	(0.09 - 5.21)	1.04	(0.42 - 2.57)

Adjusted for maternal age (<20, 20-24, 25-29, 30-34, ≥35 years), parity (no previous birth/yes previous birth), birth cohort (2 year blocks), season of birth, sex, mode of delivery (vaginal/caesarean), 5 minute APGAR score (0-7,8-10), bronchopulmonary dysplasia (present/absent), socioeconomic status (percentile: >90 (highest), 75-90, 50-75, 25-50, 10-25, <10).

Unless stated p-value <0.0001

*p-value <0.05; †p-value <0.01; ‡p-value <0.001; **Bold** p-value >0.05