Source Data Mapping Approach to CDMV5.4

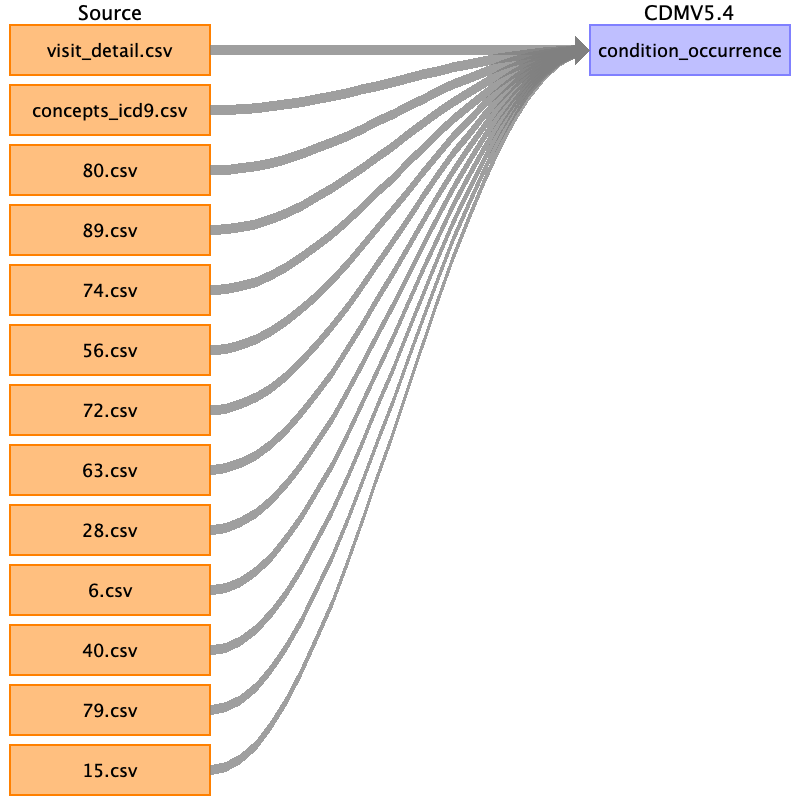


Table name: person

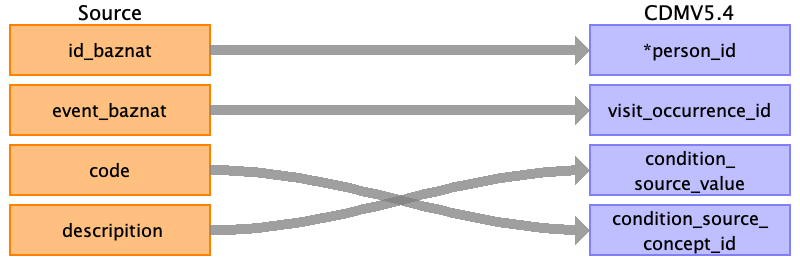
Table name: observation\_period

Table name: visit\_occurrence

Table name: visit\_detail

Table name: condition\_occurrence

Reading from 6.csv



|  |  |  |  |
| --- | --- | --- | --- |
| Destination Field | Source Field | Logic | Comment |
| condition\_occurrence\_id |  |  | index run |
| person\_id | ﻿id\_baznat |  |  |
| condition\_concept\_id |  |  | from experts table or concepts\_icd9 |
| condition\_start\_date |  |  | datetime.date() |
| condition\_start\_datetime |  |  | record date or from table 89 |
| condition\_end\_date |  |  |  |
| condition\_end\_datetime |  |  |  |
| condition\_type\_concept\_id |  |  | 32817 |
| condition\_status\_concept\_id |  |  |  |
| stop\_reason |  |  |  |
| provider\_id |  |  |  |
| visit\_occurrence\_id | event\_baznat |  |  |
| visit\_detail\_id |  |  | from table visit\_detail |
| condition\_source\_value | descripition |  |  |
| condition\_source\_concept\_id | code |  | check if the code has a match in the concept\_icd9 table |
| condition\_status\_source\_value |  |  |  |

Reading from visit\_detail.csv



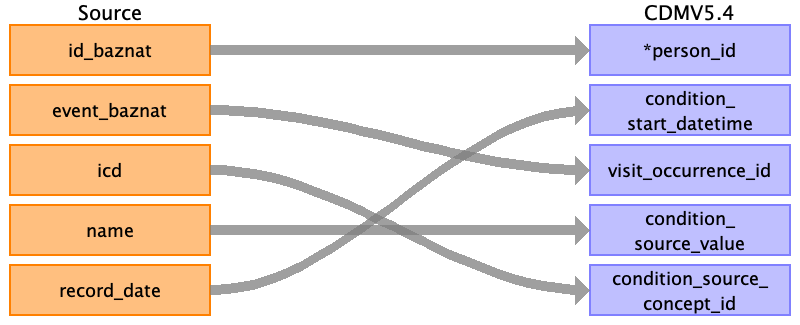
|  |  |  |  |
| --- | --- | --- | --- |
| Destination Field | Source Field | Logic | Comment |
| condition\_occurrence\_id |  |  | index run |
| person\_id |  |  |  |
| condition\_concept\_id |  |  | from experts table or concepts\_icd9 |
| condition\_start\_date |  |  | datetime.date() |
| condition\_start\_datetime |  |  | record date or from table 89 |
| condition\_end\_date |  |  |  |
| condition\_end\_datetime |  |  |  |
| condition\_type\_concept\_id |  |  | 32817 |
| condition\_status\_concept\_id |  |  |  |
| stop\_reason |  |  |  |
| provider\_id |  |  |  |
| visit\_occurrence\_id |  |  |  |
| visit\_detail\_id | visit\_detail\_id |  | from table visit\_detail |
| condition\_source\_value |  |  |  |
| condition\_source\_concept\_id |  |  | check if the code has a match in the concept\_icd9 table |
| condition\_status\_source\_value |  |  |  |

Reading from concepts\_icd9.csv



|  |  |  |  |
| --- | --- | --- | --- |
| Destination Field | Source Field | Logic | Comment |
| condition\_occurrence\_id |  |  | index run |
| person\_id |  |  |  |
| condition\_concept\_id | concept\_id |  | from experts table or concepts\_icd9 |
| condition\_start\_date |  |  | datetime.date() |
| condition\_start\_datetime |  |  | record date or from table 89 |
| condition\_end\_date |  |  |  |
| condition\_end\_datetime |  |  |  |
| condition\_type\_concept\_id |  |  | 32817 |
| condition\_status\_concept\_id |  |  |  |
| stop\_reason |  |  |  |
| provider\_id |  |  |  |
| visit\_occurrence\_id |  |  |  |
| visit\_detail\_id |  |  | from table visit\_detail |
| condition\_source\_value |  |  |  |
| condition\_source\_concept\_id |  |  | check if the code has a match in the concept\_icd9 table |
| condition\_status\_source\_value |  |  |  |

Reading from 80.csv



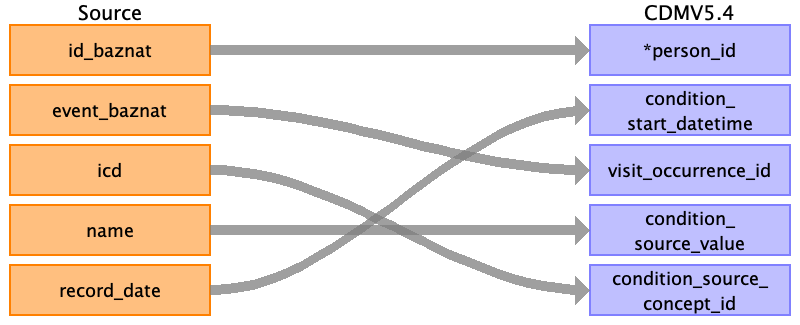
|  |  |  |  |
| --- | --- | --- | --- |
| Destination Field | Source Field | Logic | Comment |
| condition\_occurrence\_id |  |  | index run |
| person\_id | ﻿id\_baznat |  |  |
| condition\_concept\_id |  |  | from experts table or concepts\_icd9 |
| condition\_start\_date |  |  | datetime.date() |
| condition\_start\_datetime | record\_date |  | record date or from table 89 |
| condition\_end\_date |  |  |  |
| condition\_end\_datetime |  |  |  |
| condition\_type\_concept\_id |  |  | 32817 |
| condition\_status\_concept\_id |  |  |  |
| stop\_reason |  |  |  |
| provider\_id |  |  |  |
| visit\_occurrence\_id | event\_baznat |  |  |
| visit\_detail\_id |  |  | from table visit\_detail |
| condition\_source\_value | name |  |  |
| condition\_source\_concept\_id | icd |  | check if the code has a match in the concept\_icd9 table |
| condition\_status\_source\_value |  |  |  |

Reading from 89.csv

Generated

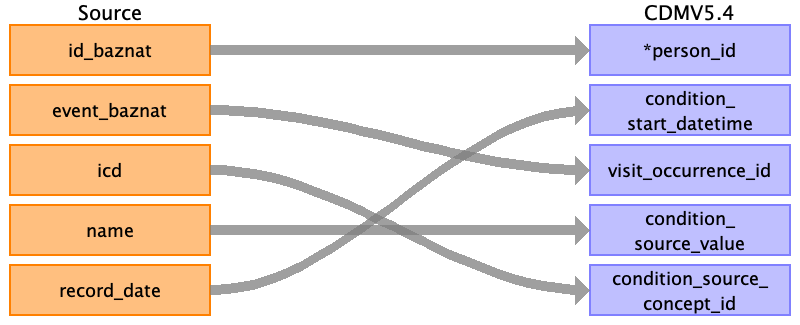
|  |  |  |  |
| --- | --- | --- | --- |
| Destination Field | Source Field | Logic | Comment |
| condition\_occurrence\_id |  |  | index run |
| person\_id |  |  |  |
| condition\_concept\_id |  |  | from experts table or concepts\_icd9 |
| condition\_start\_date |  |  | datetime.date() |
| condition\_start\_datetime |  |  | record date or from table 89 |
| condition\_end\_date |  |  |  |
| condition\_end\_datetime |  |  |  |
| condition\_type\_concept\_id |  |  | 32817 |
| condition\_status\_concept\_id |  |  |  |
| stop\_reason |  |  |  |
| provider\_id |  |  |  |
| visit\_occurrence\_id |  |  |  |
| visit\_detail\_id |  |  | from table visit\_detail |
| condition\_source\_value |  |  |  |
| condition\_source\_concept\_id |  |  | check if the code has a match in the concept\_icd9 table |
| condition\_status\_source\_value |  |  |  |

Reading from 74.csv



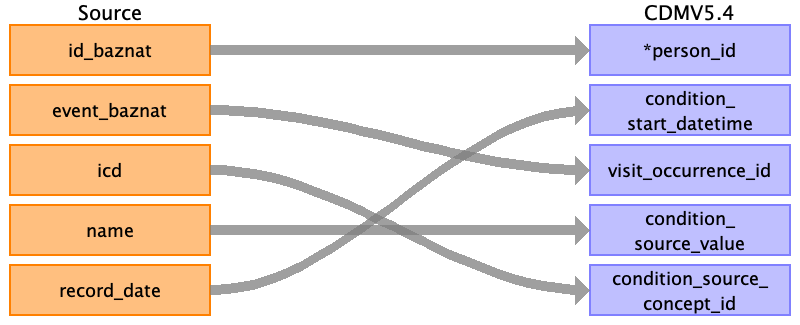
|  |  |  |  |
| --- | --- | --- | --- |
| Destination Field | Source Field | Logic | Comment |
| condition\_occurrence\_id |  |  | index run |
| person\_id | ﻿id\_baznat |  |  |
| condition\_concept\_id |  |  | from experts table or concepts\_icd9 |
| condition\_start\_date |  |  | datetime.date() |
| condition\_start\_datetime | record\_date |  | record date or from table 89 |
| condition\_end\_date |  |  |  |
| condition\_end\_datetime |  |  |  |
| condition\_type\_concept\_id |  |  | 32817 |
| condition\_status\_concept\_id |  |  |  |
| stop\_reason |  |  |  |
| provider\_id |  |  |  |
| visit\_occurrence\_id | event\_baznat |  |  |
| visit\_detail\_id |  |  | from table visit\_detail |
| condition\_source\_value | name |  |  |
| condition\_source\_concept\_id | icd |  | check if the code has a match in the concept\_icd9 table |
| condition\_status\_source\_value |  |  |  |

Reading from 56.csv



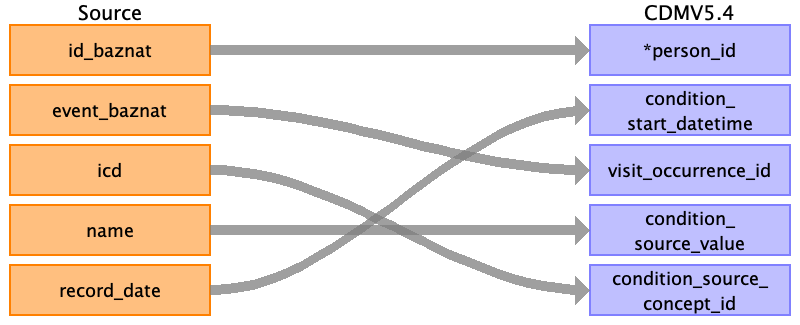
|  |  |  |  |
| --- | --- | --- | --- |
| Destination Field | Source Field | Logic | Comment |
| condition\_occurrence\_id |  |  | index run |
| person\_id | ﻿id\_baznat |  |  |
| condition\_concept\_id |  |  | from experts table or concepts\_icd9 |
| condition\_start\_date |  |  | datetime.date() |
| condition\_start\_datetime | record\_date |  | record date or from table 89 |
| condition\_end\_date |  |  |  |
| condition\_end\_datetime |  |  |  |
| condition\_type\_concept\_id |  |  | 32817 |
| condition\_status\_concept\_id |  |  |  |
| stop\_reason |  |  |  |
| provider\_id |  |  |  |
| visit\_occurrence\_id | event\_baznat |  |  |
| visit\_detail\_id |  |  | from table visit\_detail |
| condition\_source\_value | name |  |  |
| condition\_source\_concept\_id | icd |  | check if the code has a match in the concept\_icd9 table |
| condition\_status\_source\_value |  |  |  |

Reading from 72.csv



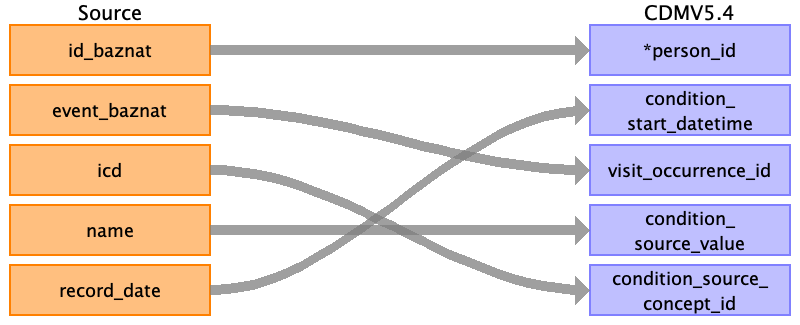
|  |  |  |  |
| --- | --- | --- | --- |
| Destination Field | Source Field | Logic | Comment |
| condition\_occurrence\_id |  |  | index run |
| person\_id | ﻿id\_baznat |  |  |
| condition\_concept\_id |  |  | from experts table or concepts\_icd9 |
| condition\_start\_date |  |  | datetime.date() |
| condition\_start\_datetime | record\_date |  | record date or from table 89 |
| condition\_end\_date |  |  |  |
| condition\_end\_datetime |  |  |  |
| condition\_type\_concept\_id |  |  | 32817 |
| condition\_status\_concept\_id |  |  |  |
| stop\_reason |  |  |  |
| provider\_id |  |  |  |
| visit\_occurrence\_id | event\_baznat |  |  |
| visit\_detail\_id |  |  | from table visit\_detail |
| condition\_source\_value | name |  |  |
| condition\_source\_concept\_id | icd |  | check if the code has a match in the concept\_icd9 table |
| condition\_status\_source\_value |  |  |  |

Reading from 63.csv



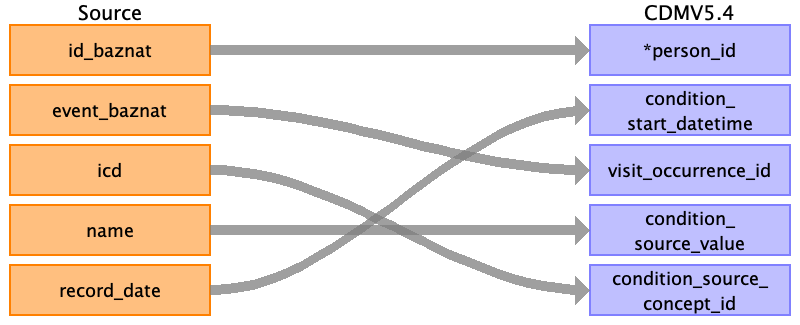
|  |  |  |  |
| --- | --- | --- | --- |
| Destination Field | Source Field | Logic | Comment |
| condition\_occurrence\_id |  |  | index run |
| person\_id | ﻿id\_baznat |  |  |
| condition\_concept\_id |  |  | from experts table or concepts\_icd9 |
| condition\_start\_date |  |  | datetime.date() |
| condition\_start\_datetime | record\_date |  | record date or from table 89 |
| condition\_end\_date |  |  |  |
| condition\_end\_datetime |  |  |  |
| condition\_type\_concept\_id |  |  | 32817 |
| condition\_status\_concept\_id |  |  |  |
| stop\_reason |  |  |  |
| provider\_id |  |  |  |
| visit\_occurrence\_id | event\_baznat |  |  |
| visit\_detail\_id |  |  | from table visit\_detail |
| condition\_source\_value | name |  |  |
| condition\_source\_concept\_id | icd |  | check if the code has a match in the concept\_icd9 table |
| condition\_status\_source\_value |  |  |  |

Reading from 28.csv



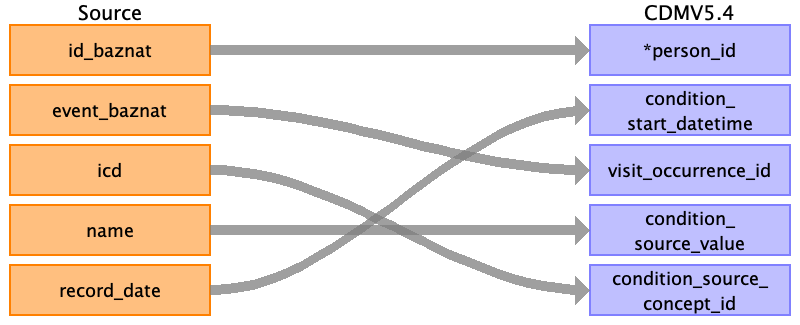
|  |  |  |  |
| --- | --- | --- | --- |
| Destination Field | Source Field | Logic | Comment |
| condition\_occurrence\_id |  |  | index run |
| person\_id | ﻿id\_baznat |  |  |
| condition\_concept\_id |  |  | from experts table or concepts\_icd9 |
| condition\_start\_date |  |  | datetime.date() |
| condition\_start\_datetime | record\_date |  | record date or from table 89 |
| condition\_end\_date |  |  |  |
| condition\_end\_datetime |  |  |  |
| condition\_type\_concept\_id |  |  | 32817 |
| condition\_status\_concept\_id |  |  |  |
| stop\_reason |  |  |  |
| provider\_id |  |  |  |
| visit\_occurrence\_id | event\_baznat |  |  |
| visit\_detail\_id |  |  | from table visit\_detail |
| condition\_source\_value | name |  |  |
| condition\_source\_concept\_id | icd |  | check if the code has a match in the concept\_icd9 table |
| condition\_status\_source\_value |  |  |  |

Reading from 40.csv



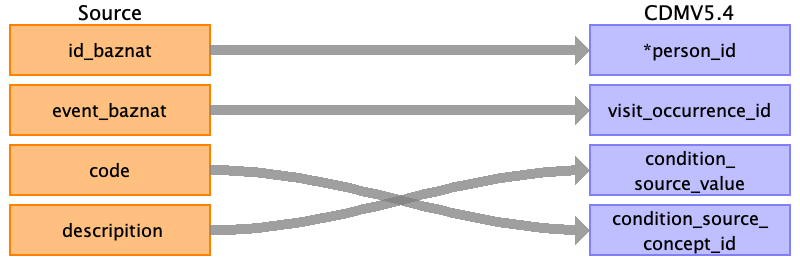
|  |  |  |  |
| --- | --- | --- | --- |
| Destination Field | Source Field | Logic | Comment |
| condition\_occurrence\_id |  |  | index run |
| person\_id | ﻿id\_baznat |  |  |
| condition\_concept\_id |  |  | from experts table or concepts\_icd9 |
| condition\_start\_date |  |  | datetime.date() |
| condition\_start\_datetime | record\_date |  | record date or from table 89 |
| condition\_end\_date |  |  |  |
| condition\_end\_datetime |  |  |  |
| condition\_type\_concept\_id |  |  | 32817 |
| condition\_status\_concept\_id |  |  |  |
| stop\_reason |  |  |  |
| provider\_id |  |  |  |
| visit\_occurrence\_id | event\_baznat |  |  |
| visit\_detail\_id |  |  | from table visit\_detail |
| condition\_source\_value | name |  |  |
| condition\_source\_concept\_id | icd |  | check if the code has a match in the concept\_icd9 table |
| condition\_status\_source\_value |  |  |  |

Reading from 79.csv



|  |  |  |  |
| --- | --- | --- | --- |
| Destination Field | Source Field | Logic | Comment |
| condition\_occurrence\_id |  |  | index run |
| person\_id | ﻿id\_baznat |  |  |
| condition\_concept\_id |  |  | from experts table or concepts\_icd9 |
| condition\_start\_date |  |  | datetime.date() |
| condition\_start\_datetime | record\_date |  | record date or from table 89 |
| condition\_end\_date |  |  |  |
| condition\_end\_datetime |  |  |  |
| condition\_type\_concept\_id |  |  | 32817 |
| condition\_status\_concept\_id |  |  |  |
| stop\_reason |  |  |  |
| provider\_id |  |  |  |
| visit\_occurrence\_id | event\_baznat |  |  |
| visit\_detail\_id |  |  | from table visit\_detail |
| condition\_source\_value | name |  |  |
| condition\_source\_concept\_id | icd |  | check if the code has a match in the concept\_icd9 table |
| condition\_status\_source\_value |  |  |  |

Reading from 15.csv



|  |  |  |  |
| --- | --- | --- | --- |
| Destination Field | Source Field | Logic | Comment |
| condition\_occurrence\_id |  |  | index run |
| person\_id | ﻿id\_baznat |  |  |
| condition\_concept\_id |  |  | from experts table or concepts\_icd9 |
| condition\_start\_date |  |  | datetime.date() |
| condition\_start\_datetime |  |  | record date or from table 89 |
| condition\_end\_date |  |  |  |
| condition\_end\_datetime |  |  |  |
| condition\_type\_concept\_id |  |  | 32817 |
| condition\_status\_concept\_id |  |  |  |
| stop\_reason |  |  |  |
| provider\_id |  |  |  |
| visit\_occurrence\_id | event\_baznat |  |  |
| visit\_detail\_id |  |  | from table visit\_detail |
| condition\_source\_value | descripition |  |  |
| condition\_source\_concept\_id | code |  | check if the code has a match in the concept\_icd9 table |
| condition\_status\_source\_value |  |  |  |

Table name: drug\_exposure

Table name: procedure\_occurrence

Table name: device\_exposure

Table name: measurement

Table name: observation

Table name: death

Table name: note

Table name: note\_nlp

Table name: specimen

Table name: fact\_relationship

Table name: location

Table name: care\_site

Table name: provider

Table name: payer\_plan\_period

Table name: cost

Table name: drug\_era

Table name: dose\_era

Table name: condition\_era

Table name: episode

Table name: episode\_event

Table name: metadata

Table name: cdm\_source

Table name: cohort

Table name: cohort\_definition

Appendix: source tables

Table: visit\_detail.csv

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Most freq. value | Comment |
| visit\_detail\_id | INT |  |  |
| person\_id | INT |  |  |
| visit\_detail\_concept\_id | INT |  |  |
| visit\_detail\_start\_date | INT |  |  |
| visit\_detail\_start\_datetime | INT |  |  |
| visit\_detail\_end\_date | INT |  |  |
| visit\_detail\_end\_datetime | INT |  |  |
| visit\_detail\_type\_concept\_id | INT |  |  |
| provider\_id | INT |  |  |
| care\_site\_id | INT |  |  |
| visit\_detail\_source\_value | INT |  |  |
| visit\_detail\_source\_concept\_id | INT |  |  |
| admitted\_from\_concept\_id | INT |  |  |
| admitted\_from\_source\_value | INT |  |  |
| discharged\_to\_source\_value | INT |  |  |
| discharged\_to\_concept\_id | INT |  |  |
| preceding\_visit\_detail\_id | INT |  |  |
| parent\_visit\_detail\_id | INT |  |  |
| visit\_occurrence\_id |  |  |  |

Table: concepts\_icd9.csv

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Most freq. value | Comment |
| concept\_id | INT |  |  |
| concept\_name | INT |  |  |
| domain\_id | INT |  |  |
| vocabulary\_id | INT |  |  |
| concept\_class\_id | INT |  |  |
| standard\_concept | INT |  |  |
| concept\_code | INT |  |  |
| valid\_start\_date | INT |  |  |
| valid\_end\_date | INT |  |  |
| invalid\_reason | INT |  |  |

Table: 80.csv

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Most freq. value | Comment |
| ﻿id\_baznat | INT |  |  |
| event\_baznat | INT |  |  |
| unit | INT |  |  |
| side | INT |  |  |
| sort | INT |  |  |
| recurrent | INT |  |  |
| mp | INT |  |  |
| sp | INT |  |  |
| relevant\_since\_date | INT |  |  |
| description | INT |  |  |
| icd | INT |  |  |
| family\_relation | INT |  |  |
| name | INT |  |  |
| remark | INT |  |  |
| record\_date | INT |  |  |

Table: 89.csv

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Most freq. value | Comment |
| ﻿id\_baznat | INT |  |  |
| mother\_id\_baznat | INT |  |  |
| hosp\_entry\_date | INT |  |  |
| hosp\_exit\_date | INT |  |  |
| event\_baznat | INT |  |  |
| emg\_event\_baznat | INT |  |  |
| cham\_hosp\_entry\_date | INT |  |  |
| cham\_hosp\_exit\_date | INT |  |  |
| age\_category | INT |  |  |

Table: 74.csv

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Most freq. value | Comment |
| ﻿id\_baznat | INT |  |  |
| event\_baznat | INT |  |  |
| unit | INT |  |  |
| field | INT |  |  |
| side | INT |  |  |
| sort | INT |  |  |
| recurrent | INT |  |  |
| mp | INT |  |  |
| sp | INT |  |  |
| relevant\_since\_date | INT |  |  |
| description | INT |  |  |
| icd | INT |  |  |
| family\_relation | INT |  |  |
| name | INT |  |  |
| remark | INT |  |  |
| record\_date | INT |  |  |

Table: 56.csv

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Most freq. value | Comment |
| ﻿id\_baznat | INT |  |  |
| event\_baznat | INT |  |  |
| unit | INT |  |  |
| side | INT |  |  |
| sort | INT |  |  |
| recurrent | INT |  |  |
| mp | INT |  |  |
| sp | INT |  |  |
| relevant\_since\_date | INT |  |  |
| description | INT |  |  |
| icd | INT |  |  |
| family\_relation | INT |  |  |
| name | INT |  |  |
| remark | INT |  |  |
| record\_date | INT |  |  |

Table: 72.csv

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Most freq. value | Comment |
| ﻿id\_baznat | INT |  |  |
| event\_baznat | INT |  |  |
| unit | INT |  |  |
| side | INT |  |  |
| sort | INT |  |  |
| recurrent | INT |  |  |
| mp | INT |  |  |
| sp | INT |  |  |
| relevant\_since\_date | INT |  |  |
| description | INT |  |  |
| icd | INT |  |  |
| family\_relation | INT |  |  |
| name | INT |  |  |
| remark | INT |  |  |
| record\_date | INT |  |  |

Table: 63.csv

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Most freq. value | Comment |
| ﻿id\_baznat | INT |  |  |
| event\_baznat | INT |  |  |
| unit | INT |  |  |
| field | INT |  |  |
| side | INT |  |  |
| sort | INT |  |  |
| recurrent | INT |  |  |
| mp | INT |  |  |
| sp | INT |  |  |
| relevant\_since\_date | INT |  |  |
| description | INT |  |  |
| icd | INT |  |  |
| name | INT |  |  |
| remark | INT |  |  |
| record\_date | INT |  |  |

Table: 28.csv

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Most freq. value | Comment |
| ﻿id\_baznat | INT |  |  |
| event\_baznat | INT |  |  |
| unit | INT |  |  |
| field | INT |  |  |
| side | INT |  |  |
| sort | INT |  |  |
| recurrent | INT |  |  |
| mp | INT |  |  |
| sp | INT |  |  |
| relevant\_since\_date | INT |  |  |
| description | INT |  |  |
| icd | INT |  |  |
| name | INT |  |  |
| remark | INT |  |  |
| record\_date | INT |  |  |

Table: 6.csv

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Most freq. value | Comment |
| ﻿id\_baznat | INT |  |  |
| event\_baznat | INT |  |  |
| unit | INT |  |  |
| code | INT |  |  |
| descripition | INT |  |  |
| main | INT |  |  |
| chronic | INT |  |  |
| status | INT |  |  |
| location | INT |  |  |
| duration | INT |  |  |
| severity | INT |  |  |
| day | INT |  |  |
| month | INT |  |  |
| year | INT |  |  |

Table: 40.csv

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Most freq. value | Comment |
| ﻿id\_baznat | INT |  |  |
| event\_baznat | INT |  |  |
| unit | INT |  |  |
| side | INT |  |  |
| sort | INT |  |  |
| recurrent | INT |  |  |
| mp | INT |  |  |
| sp | INT |  |  |
| relevant\_since\_date | INT |  |  |
| description | INT |  |  |
| icd | INT |  |  |
| family\_relation | INT |  |  |
| name | INT |  |  |
| remark | INT |  |  |
| record\_date | INT |  |  |

Table: 79.csv

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Most freq. value | Comment |
| ﻿id\_baznat | INT |  |  |
| event\_baznat | INT |  |  |
| unit | INT |  |  |
| field | INT |  |  |
| side | INT |  |  |
| sort | INT |  |  |
| recurrent | INT |  |  |
| mp | INT |  |  |
| sp | INT |  |  |
| relevant\_since\_date | INT |  |  |
| description | INT |  |  |
| icd | INT |  |  |
| family\_relation | INT |  |  |
| name | INT |  |  |
| remark | INT |  |  |
| record\_date | INT |  |  |

Table: 15.csv

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Most freq. value | Comment |
| ﻿id\_baznat | INT |  | index run |
| event\_baznat | INT |  |  |
| unit | INT |  |  |
| code | INT |  |  |
| descripition | INT |  |  |
| main | INT |  |  |
| chronic | INT |  |  |
| status | INT |  |  |
| location | INT |  |  |
| duration | INT |  |  |
| severity | INT |  |  |
| day | INT |  |  |
| month | INT |  |  |
| year | INT |  |  |