

Summary of Changes to the Data Dictionary

This summary provides an overview of the changes made from version 2.1.1 to 2.1.2 of the Adult Sepsis and COVID-19 Data Dictionary and Appendices and from version 1.0 to 1.1 of the Pediatric Sepsis and COVID-19 Data Dictionary and Appendices. This update addresses issues identified during the first and second data submission which prevented certain cases from being accepted by the portal such as first vital signs and some demographic variables. In addition, we made corrections and clarifications based on feedback we received via the helpdesk and during code sharing meetings.

The following changes will not affect file extraction and should **not** require modification of code for file extraction.

Data Dictionary

- The following variables were changed from mandatory variables to mandatory variables allowing for blanks. This will prevent file rejection by the portal in rare instances when there is missing data.
 - Demographic variables
 - Insurance number
 - ZIP code
 - Severity variables
 - Diastolic First and associated datetimes
 - Systolic First and associated datetimes
 - SIRS Heart Rate First and associated datetimes
 - SIR Respiratory Rate First and associated datetimes
 - SIRS Temperature First and associated datetimes
- For consistency with the above change all optional variables in version D2.1.1 of the Adult Data Dictionary and version D1.0 of the Pediatric Data Dictionary were labeled mandatory variables allowing blanks in version D2.1.2 of the Adult Data Dictionary and version D1.1 of the Pediatric Data Dictionary. This labeling change affects demographic variables including other payer, transfer identifiers, transfer facility names and severity variables and associated datetimes including subsequent vital sign measurements and labs.
- Relabeling of relevant comorbidities adding POA to names.
- Clarification and correction to notes for abstraction.
- Correction of three variable formats where the notes of abstraction were correct but not the variable formats in the header.

The following changes will affect file extraction and will **require** modification of code for file extraction.

Data Dictionary

- Comorbidity variables
 - Restructure of codes and values for Skin disorders/burn – *pediatric only*

Appendices

- ICD-10 codes
 - For both Adult v2.1.1 and Pediatric v1.1, the following ICD-10 codes were **added**:

▪ **Appendix 1P: Immunocompromising Comorbidity / Risk Factor ICD-10-CM Codes**

D8944	Hereditary alpha tryptasemia
M3110	Thrombotic microangiopathy, unspecified
M3111	Hematopoietic stem cell transplantation-associated thrombotic microangiopathy
M3119	Thrombotic thrombocytopenic purpura
M3505	Sjogren syndrome with inflammatory arthritis
M3506	Sjogren syndrome with peripheral nervous system involvement
M3507	Sjogren syndrome with central nervous system involvement
M3508	Sjogren syndrome with gastrointestinal involvement
M350A	Sjogren syndrome with glomerular disease
M350B	Sjogren syndrome with vasculitis
M350C	Sjogren syndrome with dental involvement
M45A0	Non-radiographic axial spondyloarthritis unspecified site in spine
M45A1	Non-radiographic axial spondyloarthritis occipital-atlanto-axial
M45A2	Non-radiographic axial spondyloarthritis of cervical region
M45A3	Non-radiographic axial spondyloarthritis of cervicothoracic
M45A4	Non-radiographic axial spondyloarthritis of thoracic region
M45A5	Non-radiographic axial spondyloarthritis of thoracolumbar region
M45A6	Non-radiographic axial spondyloarthritis of lumbar spondyloarthritis of lumbosacral region
M45AB	Non-radiographic axial spondyloarthritis multiple site in spine

▪ **Appendix 1U: Metastatic Cancer Comorbidity / Risk Factor ICD-10-CM Codes**

C7963	Secondary malignant neoplasm of bilateral ovaries
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- For Pediatric v1.1 **only**, the following ICD-10 codes were **removed**:

▪ **Appendix 1AE: Skin Disorders Disease Comorbidity/ Risk Factor (POA) ICD-10-CM Codes**

T2600XA	Burn of unspecified eyelid and periocular area, initial encounter
T2600XD	Burn of unspecified eyelid and periocular area, subsequent encounter
T2600XS	Burn of unspecified eyelid and periocular area, sequela
T2601XA	Burn of right eyelid and periocular area, initial encounter
T2601XD	Burn of right eyelid and periocular area, subsequent encounter
T2601XS	Burn of right eyelid and periocular area, sequela
T2602XA	Burn of left eyelid and periocular area, initial encounter
T2602XD	Burn of left eyelid and periocular area, subsequent encounter
T2602XS	Burn of left eyelid and periocular area, sequela
T2610XA	Burn of cornea and conjunctival sac, unspecified eye, initial encounter
T2610XD	Burn of cornea and conjunctival sac, unspecified eye, subsequent encounter
T2610XS	Burn of cornea and conjunctival sac, unspecified eye, sequela
T2611XA	Burn of cornea and conjunctival sac, right eye, initial encounter
T2611XD	Burn of cornea and conjunctival sac, right eye, subsequent encounter

T2611XS	Burn of cornea and conjunctival sac, right eye, sequela
T2612XA	Burn of cornea and conjunctival sac, left eye, initial encounter
T2612XD	Burn of cornea and conjunctival sac, left eye, subsequent encounter
T2612XS	Burn of cornea and conjunctival sac, left eye, sequela
T2620XA	Burn with resulting rupture and destruction of unspecified eyeball, initial encounter
T2620XD	Burn with resulting rupture and destruction of unspecified eyeball, subsequent encounter
T2620XS	Burn with resulting rupture and destruction of unspecified eyeball, sequela
T2621XA	Burn with resulting rupture and destruction of right eyeball, initial encounter
T2621XD	Burn with resulting rupture and destruction of right eyeball, subsequent encounter
T2621XS	Burn with resulting rupture and destruction of right eyeball, sequela
T2622XA	Burn with resulting rupture and destruction of left eyeball, initial encounter
T2622XD	Burn with resulting rupture and destruction of left eyeball, subsequent encounter
T2622XS	Burn with resulting rupture and destruction of left eyeball, sequela
T2630XA	Burns of other specified parts of unspecified eye and adnexa, initial encounter
T2630XD	Burns of other specified parts of unspecified eye and adnexa, subsequent encounter
T2630XS	Burns of other specified parts of unspecified eye and adnexa, sequela
T2631XA	Burns of other specified parts of right eye and adnexa, initial encounter
T2631XD	Burns of other specified parts of right eye and adnexa, subsequent encounter
T2631XS	Burns of other specified parts of right eye and adnexa, sequela
T2632XA	Burns of other specified parts of left eye and adnexa, initial encounter
T2632XD	Burns of other specified parts of left eye and adnexa, subsequent encounter
T2632XS	Burns of other specified parts of left eye and adnexa, sequela
T2640XA	Burn of unspecified eye and adnexa, part unspecified, initial encounter
T2640XD	Burn of unspecified eye and adnexa, part unspecified, subsequent encounter
T2640XS	Burn of unspecified eye and adnexa, part unspecified, sequela
T2641XA	Burn of right eye and adnexa, part unspecified, initial encounter
T2641XD	Burn of right eye and adnexa, part unspecified, subsequent encounter
T2641XS	Burn of right eye and adnexa, part unspecified, sequela
T2642XA	Burn of left eye and adnexa, part unspecified, initial encounter
T2642XD	Burn of left eye and adnexa, part unspecified, subsequent encounter
T2642XS	Burn of left eye and adnexa, part unspecified, sequela
T2650XA	Corrosion of unspecified eyelid and periocular area, initial encounter
T2650XD	Corrosion of unspecified eyelid and periocular area, subsequent encounter
T2650XS	Corrosion of unspecified eyelid and periocular area, sequela
T2651XA	Corrosion of right eyelid and periocular area, initial encounter
T2651XD	Corrosion of right eyelid and periocular area, subsequent encounter
T2651XS	Corrosion of right eyelid and periocular area, sequela
T2652XA	Corrosion of left eyelid and periocular area, initial encounter
T2652XD	Corrosion of left eyelid and periocular area, subsequent encounter
T2652XS	Corrosion of left eyelid and periocular area, sequela
T2660XA	Corrosion of cornea and conjunctival sac, unspecified eye, initial encounter

T2660XD	Corrosion of cornea and conjunctival sac, unspecified eye, subsequent encounter
T2660XS	Corrosion of cornea and conjunctival sac, unspecified eye, sequela
T2661XA	Corrosion of cornea and conjunctival sac, right eye, initial encounter
T2661XD	Corrosion of cornea and conjunctival sac, right eye, subsequent encounter
T2661XS	Corrosion of cornea and conjunctival sac, right eye, sequela
T2662XA	Corrosion of cornea and conjunctival sac, left eye, initial encounter
T2662XD	Corrosion of cornea and conjunctival sac, left eye, subsequent encounter
T2662XS	Corrosion of cornea and conjunctival sac, left eye, sequela
T2670XA	Corrosion with resulting rupture and destruction of unspecified eyeball, initial encounter
T2670XD	Corrosion with resulting rupture and destruction of unspecified eyeball, subsequent encounter
T2670XS	Corrosion with resulting rupture and destruction of unspecified eyeball, sequela
T2671XA	Corrosion with resulting rupture and destruction of right eyeball, initial encounter
T2671XD	Corrosion with resulting rupture and destruction of right eyeball, subsequent encounter
T2671XS	Corrosion with resulting rupture and destruction of right eyeball, sequela
T2672XA	Corrosion with resulting rupture and destruction of left eyeball, initial encounter
T2672XD	Corrosion with resulting rupture and destruction of left eyeball, subsequent encounter
T2672XS	Corrosion with resulting rupture and destruction of left eyeball, sequela
T2680XA	Corrosions of other specified parts of unspecified eye and adnexa, initial encounter
T2680XD	Corrosions of other specified parts of unspecified eye and adnexa, subsequent encounter
T2680XS	Corrosions of other specified parts of unspecified eye and adnexa, sequela
T2681XA	Corrosions of other specified parts of right eye and adnexa, initial encounter
T2681XD	Corrosions of other specified parts of right eye and adnexa, subsequent encounter
T2681XS	Corrosions of other specified parts of right eye and adnexa, sequela
T2682XA	Corrosions of other specified parts of left eye and adnexa, initial encounter
T2682XD	Corrosions of other specified parts of left eye and adnexa, subsequent encounter
T2682XS	Corrosions of other specified parts of left eye and adnexa, sequela
T2690XA	Corrosion of unspecified eye and adnexa, part unspecified, initial encounter
T2690XD	Corrosion of unspecified eye and adnexa, part unspecified, subsequent encounter
T2690XS	Corrosion of unspecified eye and adnexa, part unspecified, sequela
T2691XA	Corrosion of right eye and adnexa, part unspecified, initial encounter
T2691XD	Corrosion of right eye and adnexa, part unspecified, subsequent encounter
T2691XS	Corrosion of right eye and adnexa, part unspecified, sequela
T2692XA	Corrosion of left eye and adnexa, part unspecified, initial encounter
T2692XD	Corrosion of left eye and adnexa, part unspecified, subsequent encounter
T2692XS	Corrosion of left eye and adnexa, part unspecified, sequela
T270XXA	Burn of larynx and trachea, initial encounter
T270XXD	Burn of larynx and trachea, subsequent encounter
T270XXS	Burn of larynx and trachea, sequela
T271XXA	Burn involving larynx and trachea with lung, initial encounter
T271XXD	Burn involving larynx and trachea with lung, subsequent encounter
T271XXS	Burn involving larynx and trachea with lung, sequela

T272XXA	Burn of other parts of respiratory tract, initial encounter
T272XXD	Burn of other parts of respiratory tract, subsequent encounter
T272XXS	Burn of other parts of respiratory tract, sequela
T273XXA	Burn of respiratory tract, part unspecified, initial encounter
T273XXD	Burn of respiratory tract, part unspecified, subsequent encounter
T273XXS	Burn of respiratory tract, part unspecified, sequela
T274XXA	Corrosion of larynx and trachea, initial encounter
T274XXD	Corrosion of larynx and trachea, subsequent encounter
T274XXS	Corrosion of larynx and trachea, sequela
T275XXA	Corrosion involving larynx and trachea with lung, initial encounter
T275XXD	Corrosion involving larynx and trachea with lung, subsequent encounter
T275XXS	Corrosion involving larynx and trachea with lung, sequela
T276XXA	Corrosion of other parts of respiratory tract, initial encounter
T276XXD	Corrosion of other parts of respiratory tract, subsequent encounter
T276XXS	Corrosion of other parts of respiratory tract, sequela
T277XXA	Corrosion of respiratory tract, part unspecified, initial encounter
T277XXD	Corrosion of respiratory tract, part unspecified, subsequent encounter
T277XXS	Corrosion of respiratory tract, part unspecified, sequela
T280XXA	Burn of mouth and pharynx, initial encounter
T280XXD	Burn of mouth and pharynx, subsequent encounter
T280XXS	Burn of mouth and pharynx, sequela
T281XXA	Burn of esophagus, initial encounter
T281XXD	Burn of esophagus, subsequent encounter
T281XXS	Burn of esophagus, sequela
T282XXA	Burn of other parts of alimentary tract, initial encounter
T282XXD	Burn of other parts of alimentary tract, subsequent encounter
T282XXS	Burn of other parts of alimentary tract, sequela
T283XXA	Burn of internal genitourinary organs, initial encounter
T283XXD	Burn of internal genitourinary organs, subsequent encounter
T283XXS	Burn of internal genitourinary organs, sequela
T2840XA	Burn of unspecified internal organ, initial encounter
T2840XD	Burn of unspecified internal organ, subsequent encounter
T2840XS	Burn of unspecified internal organ, sequela
T28411A	Burn of right ear drum, initial encounter
T28411D	Burn of right ear drum, subsequent encounter
T28411S	Burn of right ear drum, sequela
T28412A	Burn of left ear drum, initial encounter
T28412D	Burn of left ear drum, subsequent encounter
T28412S	Burn of left ear drum, sequela
T28419A	Burn of unspecified ear drum, initial encounter
T28419D	Burn of unspecified ear drum, subsequent encounter

T28419S	Burn of unspecified ear drum, sequela
T2849XA	Burn of other internal organ, initial encounter
T2849XD	Burn of other internal organ, subsequent encounter
T2849XS	Burn of other internal organ, sequela
T285XXA	Corrosion of mouth and pharynx, initial encounter
T285XXD	Corrosion of mouth and pharynx, subsequent encounter
T285XXS	Corrosion of mouth and pharynx, sequela
T286XXA	Corrosion of esophagus, initial encounter
T286XXD	Corrosion of esophagus, subsequent encounter
T286XXS	Corrosion of esophagus, sequela
T287XXA	Corrosion of other parts of alimentary tract, initial encounter
T287XXD	Corrosion of other parts of alimentary tract, subsequent encounter
T287XXS	Corrosion of other parts of alimentary tract, sequela
T288XXA	Corrosion of internal genitourinary organs, initial encounter
T288XXD	Corrosion of internal genitourinary organs, subsequent encounter
T288XXS	Corrosion of internal genitourinary organs, sequela
T2890XA	Corrosions of unspecified internal organs, initial encounter
T2890XD	Corrosions of unspecified internal organs, subsequent encounter
T2890XS	Corrosions of unspecified internal organs, sequela
T28911A	Corrosions of right ear drum, initial encounter
T28911D	Corrosions of right ear drum, subsequent encounter
T28911S	Corrosions of right ear drum, sequela
T28912A	Corrosions of left ear drum, initial encounter
T28912D	Corrosions of left ear drum, subsequent encounter
T28912S	Corrosions of left ear drum, sequela
T28919A	Corrosions of unspecified ear drum, initial encounter
T28919D	Corrosions of unspecified ear drum, subsequent encounter
T28919S	Corrosions of unspecified ear drum, sequela
T2899XA	Corrosions of other internal organs, initial encounter
T2899XD	Corrosions of other internal organs, subsequent encounter
T2899XS	Corrosions of other internal organs, sequela

- For Pediatric v1.1 **only**, the following ICD-10 codes were **removed**:

- **Appendix 2E: Suspected Source of Infection Clinical ICD-10-CM Codes**

O98211	Gonorrhea complicating pregnancy, first trimester	Other infection
O98212	Gonorrhea complicating pregnancy, second trimester	Other infection
O98213	Gonorrhea complicating pregnancy, third trimester	Other infection
O98219	Gonorrhea complicating pregnancy, unspecified trimester	Other infection
O9822	Gonorrhea complicating childbirth	Other infection
O9823	Gonorrhea complicating the puerperium	Other infection
O98311	Other infections with a predominantly sexual mode of transmission complicating pregnancy, first trimester	Other infection
O98312	Other infections with a predominantly sexual mode of transmission complicating pregnancy, second trimester	Other infection
O98313	Other infections with a predominantly sexual mode of transmission complicating	Other infection

	pregnancy, third trimester	
O98319	Other infections with a predominantly sexual mode of transmission complicating pregnancy, unspecified trimester	Other infection
O9832	Other infections with a predominantly sexual mode of transmission complicating childbirth	Other infection
O9833	Other infections with a predominantly sexual mode of transmission complicating the puerperium	Other infection
O98411	Viral hepatitis complicating pregnancy, first trimester	Other infection
O98412	Viral hepatitis complicating pregnancy, second trimester	Other infection
O98413	Viral hepatitis complicating pregnancy, third trimester	Other infection
O98419	Viral hepatitis complicating pregnancy, unspecified trimester	Other infection
O9842	Viral hepatitis complicating childbirth	Other infection
O9843	Viral hepatitis complicating the puerperium	Other infection
O98611	Protozoal diseases complicating pregnancy, first trimester	Other infection
O98612	Protozoal diseases complicating pregnancy, second trimester	Other infection
O98613	Protozoal diseases complicating pregnancy, third trimester	Other infection
O98619	Protozoal diseases complicating pregnancy, unspecified trimester	Other infection
O9862	Protozoal diseases complicating childbirth	Other infection
O9863	Protozoal diseases complicating the puerperium	Other infection
O98711	Human immunodeficiency virus [HIV] disease complicating pregnancy, first trimester	Other infection
O98712	Human immunodeficiency virus [HIV] disease complicating pregnancy, second trimester	Other infection
O98713	Human immunodeficiency virus [HIV] disease complicating pregnancy, third trimester	Other infection
O98719	Human immunodeficiency virus [HIV] disease complicating pregnancy, unspecified trimester	Other infection
O9872	Human immunodeficiency virus [HIV] disease complicating childbirth	Other infection
O9873	Human immunodeficiency virus [HIV] disease complicating the puerperium	Other infection

- NDC codes
 - For both Adult v2.1.1 and Pediatric v1.1, the following ICD-10 codes were **added**:

- **Appendix 1S: Medication Anticoagulant**

55154770300	COUMADIN	warfarin sodium	TABLET	2.5	mg/1
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- **Appendix 1T: Medication Immune Modifying**

51672406201	Fluorouracil	Fluorouracil	SOLUTION	20	mg/mL
51672406301	Fluorouracil	Fluorouracil	SOLUTION	50	mg/mL
70529011201	Neuromaquel Neuroma/Anti-Inflammatory System	DEXAMETHASONE SODIUM PHOSPHATE	KIT		

- **Appendix 3F: Vasopressor Administration Treatment Medication and NDC Codes**

51662129001	ADRENALIN (EPINEPHRINE)	ADRENALIN (EPINEPHRINE)	INJECTION	1	mg/mL
51662129003	ADRENALIN (EPINEPHRINE)	ADRENALIN (EPINEPHRINE)	INJECTION	1	mg/mL
51662130701	ADRENALIN(R)	ADRENALIN(R)	INJECTION	1	mg/mL