National Patient Information Reporting System: National Data Warehouse

Non-RPMS Senders of GPRA Data

Instructions Document

November 2020
Version 2.0

Department of Health and
Human Services

Indian Health Service

Office of Information
Technology (OIT)

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CONTENTS

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VERSION CONTROL

Version	Date	Notes
1.0	April 2018	Initial version
2.0	November 2020	updates to template, adds "Women's Health" section.

INTRODUCTION

For sites sending GPRA data utilizing the HL7 or ASD file formats, this document provides instruction on those data fields and the required format.

NOTE: If you have difficulty using the links in this document, please send an email to ITSupport@ihs.gov for assistance.

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Immunization Contra-Indications

Reason for Contra-indication (HL7 – ZRC Segment Field 3; ASD – ASDP200 Position 9). The following table lists examples of expected values (those highlighted are specifically searched for in current reports). Please note, the match must be exact, including upper/lowercase characters:

ANAPHYLACTIC EGG ALLERGY	IMMUNE DEFICIENT HOUSEHOLD
ANAPHYLAXIS	LETHARGY/HYPOTONIC EPISODE
CARRIER	NEOMYCIN ALLERGY
CONVULSION	OTHER ALLERGY
EGG ALLERGY	PARENT REFUSAL
FEVER>104F	PATIENT REFUSAL
GBS	PERSISTENT CRYING
GUILLAIN-BARRE HX	POSITIVE TB SKIN TEST
HX OF CHICKEN POX	REASON NOT RECORDED
IMMUNE	VACCINE UNAVAILABLE
IMMUNE DEFICIENCY	

Refusals

Refusal Type (HL7 – ZRF Segment Field 2; ASD – ASDP200 Position 8)**.** The following table lists examples of expected values (those highlighted are specifically searched for in current reports). Please note, the match must be exact, including upper/lowercase characters:

CPT	MEASUREMENTS
EDUCATION TOPICS	MEDICATION/DRUG
EXAM	PAP SMEAR
IMMUNIZATION	RADIOLOGY EXAM
LAB	SKIN TEST
MAMMOGRAM	SNOMED

Refusal Item (HL7 – ZRF Segment Field 3; ASD – ASDP200 Position 9)**.** Expected values *depend on the Refusal Type***,** as follows:

1. **CPT** – Five character alpha/numeric industry standard (some are specifically searched for in current reports).

2. **EDUCATION TOPICS** – See 'code' field from:
    https://www.ihs.gov/scb/index.cfm?module=W_EDUCATION&option=list&num=34&newquery=1

3. **EXAM** – See 'examination' field from:
    https://www.ihs.gov/scb/index.cfm?module=W_EXAM_IHS&option=list&num=37&newquery=1

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4. **IMMUNIZATION** – The name of the immunization (can be followed by any other information like 'INFLUENZA, NOS' or 'INFLUENZA [TIV], SEASONAL, INJ').

The following table lists examples of names specifically searched for in current reports (please note, the match must be exact, including upper/lowercase characters):

DT (PEDIATRIC)	MUMPS
DTAP	OPV
DTP	PERTUSSIS
HEPATITIS B	PNEUMOCOCCAL
HIB	R/M
INFLUENZA	RUBELLA
IPV	TD
M/R	TDAP
MEASLES	TETANUS
MMR	VARICELLA

5. **LAB** – The description of the lab test. The most frequently sent in examples include:

OCCULT BLOOD
POC SPECIFIC GRAVITY
HIV 1/2 SCREEN
WHOLE BLOOD GLUCOSE

6. **MAMMOGRAM** – The most frequently sent in examples include:

MAMMOGRAM BILAT
SCREENING MAMMOGRAM
MAMMOGRAM SCREENING W/CAD
MAMMOGRAM UNILAT
DIAGNOSTIC BILAT MAMMOGRAM
MAMMOGRAM SCREENING

7. **MEASUREMENTS** – The *abbreviation* of the 'Clinical measure' field from:
https://www.ihs.gov/scb/index.cfm?module=W_CLINICAL_MEASURE&option=list&num=28&newquery=1

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8. These values are currently not available on-line and are included in Appendix A.
   MEDICATION/DRUG – the name of the medication/drug (can be followed by any other information like 'LISINOPRIL 10MG TAB', 'INSULIN NPH/REG 50/50 INSULIN').

   The following table lists examples of names specifically searched for in current reports (please note, the match must be exact, including upper/lowercase characters):

MEVACOR	ZOCOR
LESCOL	ALTOCOR
ALTOPREV	CRESTOR
VASTATIN	PRAVACHOL
LIVALO	

9. **PAP SMEAR** – The most frequently sent in examples include:

PAP SMEAR
ZPAPSMEAR
ZZPAP SMEAR
XPAP LB, RFX HPV ALL PTH
PAP, THINPREP (702)
PAP, THIN PREP RFX/HPV IF ASCUS
CYTOLOGY, GYN PAP SMEAR (1 SLIDE)

10. **RADIOLOGY EXAM** – The most frequently sent in examples include:

SCREENING MAMMOGRAM	KNEE AP LAT SUNRISE ORTHO
MAMMOGRAM BILAT	KNEE 2 VIEWS
CHEST 2 VIEWS PA&LAT	SHOULDER 2 OR MORE VIEWS
COLONOSCOPY	KNEE 4 OR MORE VIEWS
MAMMOGRAM SCREENING	COLON HIGH KV POLYP EXAM
SPINE LUMBOSACRAL MIN 2 VIEWS	FOOT 2 VIEWS

11. **SKIN TEST** – See 'skin test' field from:
    https://www.ihs.gov/scb/index.cfm?module=W_SKIN_TEST&option=list&num=53&newquery=1

    Please upper-case the values.

12. **SNOMED** – Industry-standard code.

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Reason for Refusal (HL7 – ZRF Segment Field 5; ASD – ASDP200 Position 11). The following table lists expected values – a one character upper-case code from:

R	DECLINED SERVICE
N	NOT MEDICALLY INDICATED
F	NO RESPONSE TO FOLLOWUP
U	CONSIDERED AND NOT DONE
P	PROVIDER DISCONTINUED
S	SYSTEM REASON

Women's Health

NOTE: If already sending CPT and ICD Procedure codes, there is no need to convert the codes into Women's Health procedures and send this segment.

Women's Health (WH) Procedure Type (HL7 – OBX WH Segment Field 3; ASD – ASDP400 Position 8)**.** The following table lists examples of expected values (those highlighted are specifically searched for in current reports). Please note, the match must be exact, including upper/lowercase characters:

Procedure Type	CPT Code
BREAST ULTRASOUND	76645
CLINICAL BREAST EXAM	S0613
COLPOSCOPY IMPRESSION (NO BX)	57452
COLPOSCOPY W/BIOPSY	57454
CONE BIOPSY	57520
CRYOTHERAPY	57061
ECTOCERVICAL BIOPSY	57500
ENDOCERVICAL CURRETTAGE	57505
ENDOMETRIAL BIOPSY	58100
FINE NEEDLE ASPIRATION	10021
GENERAL SURGERY CONSULT	
GYN ONC CONSULT	
HPV SCREEN	
HYSTERECTOMY	58150
LASER ABLATION	58353
LASER CONE	57522
LEEP	57460
LUMPECTOMY	19301
MAMMOGRAM DX BILAT	76091
MAMMOGRAM DX UNILAT	76090
MAMMOGRAM SCREENING	76092
MAMMOGRAPHY PROJECT	
MASTECTOMY	19303

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Procedure Type	CPT Code
NEEDLE BIOPSY	19100
OPEN BIOPSY	19101
PAP SMEAR	
PELVIC ULTRASOUND	76856
PREGNANCY TEST	
STD EVALUATION	
STEREOTACTIC BIOPSY	
TUBAL LIGATION	
VAGINAL ULTRASOUND	76830
WISE WOMAN	

Women's Health (WH) Results (HL7 – OBX WH Segment Field 5; ASD – ASDP400 Position 9).

The contents of this field are currently looked at only if the women's health procedure is one of the following:

- MAMMOGRAM SCREENING
- HPV SCREEN
- PAP SMEAR

In these 3 cases, the result field is checked for the value 'ERROR/DISREGARD.' Please note, the match must be exact, including upper/lowercase characters.

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APPENDIX A: CLINICAL MEASURE ABBREVIATIONS

CODE	NAME	ABBREVIATION
01	HEIGHT	HT
02	WEIGHT	WT
03	TEMPERATURE	TMP
04	BLOOD PRESSURE	BP
05	PULSE	PU
06	HEAD CIRCUMFERENCE	HC
07	VISION UNCORRECTED	VU
08	VISION CORRECTED	VC
09	HEARING	HE
10	AUDIOMETRY	AUD
11	TONOMETRY	TON
12	RESPIRATIONS	RS
14	ANKLE BLOOD PRESSURE	AKBP
20	O2 SATURATION	O2
21	PEAK FLOW	PF
25	CARDIAC EJECTION FRACTION	CEF
26	WAIST CIRCUMFERENCE	WC
30	ASTHMA SYMPTIOM FREE DAYS	ASFD
31	BEST PEAK FLOW	BPF
32	FEF 25-75	FEF
33	FEV1/FVC	FVFC
38	ASTHMA WORK/SCHOOL DAYS MISSED	ADM
40	AUDIT	AUDT
41	CRAFFT	CRFT
42	PHQ2	PHQ2
43	PHQ9	PHQ9
44	PHQ-9 MODIFIED FOR TEENS	PHQT
45	AUDIT-C	AUDC
47	MINI-MENTAL STATUS EXAM	MMSE
50	ABDOMINAL GIRTH	AG
51	FUNDAL HEIGHT	FH
52	FETAL HEART TONES	FT
54	ESTIMATED GESTATIONAL AGE	EGA
55	EDEMA	ED
56	PRESENTATION	PR
57	CERVIX DILATATION	CXD
58	EFFACEMENT	EF

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CODE	NAME	ABBREVIATION
59	STATION (PREGNANCY)	SN
60	ASQ - FINE MOTOR	ASQF
61	ASQ- GROSS MOTOR	ASQG
62	ASQ – LANGUAGE	ASQL
63	ASQ – SOCIAL	ASQS
64	ASQ PROBLEM SOLVING	ASQP
65	ASQ - AUTISM SCREEN	ASQA
66	ASQ QUESTIONNAIRE (MOS)	ASQM
70	24 HOUR FLUID INPUT	FI24
71	24 HOUR FLUID OUTPUT	FO24
72	FLUID BALANCE POS/NEG	FBPN
73	LAST KNOWN WELL	LKW
75	BODY MASS INDEX (BMI)	BMI
76	BMI PERCENTILE	BMIP
77	NIH STROKE SCALE TOTAL	NSST
78	CUP TO DISC RATIO	CDR
79	FRAMINGHAM 10 YEAR RISK	F10R
80	PAIN	PA
81	MLHFQ TOTAL SCORE	MLHF
82	GAD-2 SCALE	GAD2
83	GAD-7 SCALE	GAD7
84	10 YEAR ASCVD RISK	ACC
85	DAST-10	DA10
99	PROMIS-29	PMST