

# Electronic Pharmaceutical Messaging Standard

## Appendix B – Tables

10006 HPI Code Set – Primary Language

Code	Description
AA	Afar
AB	Abkhazian
AE	Avestan
AF	Afrikaans
AK	Akan
AM	Amharic
AN	Aragonese
AR	Arabic
AS	Assamese
AV	Avaric
AY	Aymara
AZ	Azerbaijani
BA	Bashkir
BE	Belarusian
BG	Bulgarian
BH	Bihari
BI	Bislama
BM	Bambara
BN	Bengali
BO	Tibetan
BR	Breton
BS	Bosnian
CA	Catalan; Valencian
CE	Chechen
CH	Chamorro
CO	Corsican
CR	Cree
CS	Czech
CU	Church Slavic; Slavonic; Church Slavonic; Old Bulgarian; Old Church Slavonic
CV	Chuvash
CY	Welsh
DA	Danish
DE	German

Code	Description
DV	Divehi
DZ	Dzongkha
EE	Ewe
EL	Greek, Modern (1453-present)
EN	English
EO	Esperanto
ES	Castilian; Spanish
ET	Estonian
EU	Basque
FA	Persian
FF	Fulah
FI	Finnish
FJ	Fijian
FO	Faroese
FR	French
FY	Frisian
GA	Irish
GD	Gaelic; Scottish Gaelic
GL	Gallegan
GN	Guarani
GU	Gujarati
GV	Manx
HA	Hausa
HE	Hebrew
HI	Hindi
HO	Hiri Motu
HR	Croatian
HT	Haitian; Haitian Creole
HU	Hungarian
HY	Armenian
HZ	Herero
IA	Interlingua (International Auxiliary Language Association)
ID	Indonesian
IE	Interlingue
IG	Igbo
II	Sichuan Yi
IK	Inupiaq

Code	Description
IO	Ido
IS	Icelandic
IT	Italian
IU	Inuktitut
JA	Japanese
JV	Javanese
KA	Georgian
KG	Kongo
KI	Gikuyu; Kikuyu
KJ	Kuanyama; Kwanyama
KK	Kazakh
KL	Greenlandic; Kalaallisut
KM	Khmer
KN	Kannada
KO	Korean
KR	Kanuri
KS	Kashmiri
KU	Kurdish
KV	Komi
KW	Cornish
KY	Kirghiz
LA	Latin
LB	Letzeburgesch; Luxembourgish
LG	Ganda
LI	Limburgan; Limburger; Limburgish
LN	Lingala
LO	Lao
LT	Lithuanian
LU	Luba-Katanga
LV	Latvian
MG	Malagasy
MH	Marshallese
MI	Māori
MK	Macedonian
ML	Malayalam
MN	Mongolian
MO	Moldavian

Code	Description
MR	Marathi
MS	Malay
MT	Maltese
MY	Burmese
NA	Nauru
NB	Bokmål, Norwegian; Norwegian Bokmål
ND	Ndebele, North
NE	Nepali
NG	Ndonga
NL	Dutch; Flemish
NN	Norwegian Nynorsk; Nynorsk, Norwegian
NO	Norwegian
NR	Ndebele, South
NV	Navaho, Navajo
NY	Chewa; Chichewa; Nyanja
OC	Occitan (post 1500); Provençal
OJ	Ojibwa
OM	Oromo
OR	Oriya
OS	Ossetian; Ossetic
PA	Panjabi; Punjabi
PI	Pali
PL	Polish
PS	Pushto
PT	Portuguese
QU	Quechua
RM	Raeto-Romance
RN	Rundi
RO	Romanian
RU	Russian
RW	Kinyarwanda
SA	Sanskrit
SC	Sardinian
SD	Sindhi
SE	Northern Sami
SG	Sango
SI	Sinhalese

Code	Description
SK	Slovak
SL	Slovenian
SM	Samoan
SN	Shona
SO	Somali
SQ	Albanian
SR	Serbian
SS	Swati
ST	Sotho, Southern
SU	Sundanese
SV	Swedish
SW	Swahili
TA	Tamil
TE	Telugu
TG	Tajik
TH	Thai
TI	Tigrinya
TK	Turkmen
TL	Tagalog
TN	Tswana
TO	Tonga (Tonga Islands)
TR	Turkish
TS	Tsonga
TT	Tatar
TW	Twi
TY	Tahitian
UG	Uighur
UK	Ukrainian
UR	Urdu
UZ	Uzbek
VE	Venda
VI	Vietnamese
VO	Volapük
WA	Walloon
WO	Wolof
XH	Xhosa
YI	Yiddish

Code	Description
YO	Yoruba
ZA	Chuang; Zhuang
ZH	Chinese
ZU	Zulu

**Table B 1: 10006 HPI Code Set – Primary language**

HL7 Table 0354 – Message Structure

Value	Events
ACK	Varies
ADR_A19	A19
ADT_A01	A01, A04, A08, A13
ADT_A02	A02
ADT_A03	A03
ADT_A05	A05, A14, A28, A31
ADT_A06	A06, A07
ADT_A09	A09, A10, A11, A12
ADT_A15	A15
ADT_A16	A16
ADT_A17	A17
ADT_A18	A18
ADT_A20	A20
ADT_A21	A21, A22, A23, A25, A26, A27, A29, A32, A33
ADT_A24	A24
ADT_A30	A30, A34, A35, A36, A46, A47, A48, A49
ADT_A37	A37
ADT_A38	A38
ADT_A39	A39, A40, A41, A42
ADT_A43	A43, A44
ADT_A45	A45
ADT_A50	A50, A51
ADT_A52	A52, A53, A55
ADT_A54	A54
ADT_A60	A60
ADT_A61	A61, A62
BAR_P01	P01
BAR_P02	P02
BAR_P05	P05

Value	Events
BAR_P06	P06
BAR_P10	P10
CRM_C01	C01, C02, C03, C04, C05, C06, C07, C08
CSU_C09	C09, C10, C11, C12
DFT_P03	P03
DOC_T12	T12
DSR_P04	P04
DSR_Q01	Q01
DSR_Q03	Q03
EAC_U07	U07
EAN_U09	U09
EAR_U08	U08
EDR_R07	R07
EQQ_Q04	Q04
ERP_R09	R09
ESR_U02	U02
ESR_U02	U02
ESU_U01	U01
INR_U06	U06
INU_U05	U05
LSU_U12	U12, U13
MDM_T01	T01, T03, T05, T07, T09, T11
MDM_T02	T02, T04, T06, T08, T10
MFD_MFA	MFA
MFK_M01	M01, M02, M03, M04, M05, M06, M07, M08, M09, M10, M11
MFN_M01	M01
MFN_M02	M02
MFN_M03	M03
MFN_M04	M04
MFN_M05	M05
MFN_M06	M06
MFN_M07	M07
MFN_M08	M08
MFN_M09	M09
MFN_M10	M10
MFN_M11	M11
MFN_M12	M12

Value	Events
MFQ_M01	M01, M02, M03, M04, M05, M06
MFR_M01	M01, M02, M03, M04, M05, M06
NMD_N02	N02
NMQ_N01	N01
NMR_N01	N01
OMD_O03	O03
OMG_O19	O19
OML_O21	O21
OMN_O07	007
OMP_O09	O09
OMS_O05	O05
ORD_O04	O04
ORF_R04	R04
ORG_O20	O20
ORL_O22	022
ORM_O01	O01
ORN_008	O08
ORP_O10	O10
ORR_O02	O02
ORR_O02	O02
ORS_O06	O06
ORU_R01	R01
OSQ_Q06	Q06
OSR_Q06	Q06
OUL_R21	R21
PEX_P07	P07, P08
PGL_PC6	PC6, PC7, PC8
PMU_B01	B01, B02
PMU_B03	B03
PMU_B04	B04, B05
PPG_PCG	PCC, PCG, PCH, PCJ
PPP_PCB	PCB, PCD
PPR_PC1	PC1, PC2, PC3
PPT_PCL	PCL
PPV_PCA	PCA
PRR_PC5	PC5
PTR_PCF	PCF

Value	Events
QBP_Q11	Q11
QBP_Q13	Q13
QBP_Q15	Q15
QBP_Q21	Q21, Q22, Q23, Q24, Q25
QCK_Q02	Q02
QCN_J01	J01, J02
QRY_A19	A19
QRY_P04	P04
QRY_PC4	PC4, PC9, PCE, PCK
QRY_Q01	Q01
QRY_Q02	Q02
QRY_Q26	Q26
QRY_Q27	Q27
QRY_Q28	Q28
QRY_Q29	Q29
QRY_Q30	Q30
QRY_R02	R02
QRY_T12	T12
QSB_Q16	Q16
QVR_Q17	Q17
RAS_O17	O17
RCI_I05	I05
RCL_I06	I06
RDE_O01	O01
RDR_RDR	RDR
RDS_O13	O13
RDY_K15	K15
REF_I12	I12, I13, I14, I15
RER_RER	RER
RGR_RGR	RGR
RGV_O15	O15
ROR_ROR	ROR
RPA_I08	I08, I09, I10, I11
RPI_I01	I01, I04
RPL_I02	I02
RPR_I03	I03
RQA_I08	I08, I09, I10, I11

Value	Events
RQC_I05	I05, I06
RQI_I0I	I01, I02, I03, I07
RQP_I04	I04
RQQ_Q09	Q09
RRA_O02	O02
RRA_O18	O18
RRD_O14	O14
RRE_O12	O12
RRG_O16	O16
RRI_I12	I12, I13, I14, I15
RSP_K11	K11
RSP_K21	K21
RSP_K22	K22
RSP_K23	K23, K24
RTB_K13	K13
SPQ_Q08	Q08
SQM_S25	S25
SQR_S25	S25
SRM_S01	S01, S02, S03, S04, S05, S06, S07, S08, S09, S10, S11
SRR_S01	S01, S02, S03, S04, S05, S06, S07, S08, S09, S10, S11
SSR_U04	U04
SSU_U03	U03
SUR_P09	P09
SUR_P09	P09
TBR_R08	R08
TBR_R09	R09
TCU_U10	U10, U11
UDM_Q05	Q05
VQQ_Q07	Q07
VXQ_V01	V01
VXR_V03	V03
VXU_V04	V04
VXX_V02	V02
ORU_W01	W01
QRF_W02	W02

**Table B 2: HL7 Table 0354 – Message Structure**

HL7 Table 0003 – Event Type

Value	Description
A01	ADT/ACK - Admit/visit notification
A02	ADT/ACK - Transfer a patient
A03	ADT/ACK - Discharge/end visit
A04	ADT/ACK - Register a patient
A05	ADT/ACK - Pre-admit a patient
A06	ADT/ACK - Change an outpatient to an inpatient
A07	ADT/ACK - Change an inpatient to an outpatient
A08	ADT/ACK - Update patient information
A09	ADT/ACK - Patient departing - tracking
A10	ADT/ACK - Patient arriving - tracking
A11	ADT/ACK - Cancel admit/visit notification
A12	ADT/ACK - Cancel transfer
A13	ADT/ACK - Cancel discharge/end visit
A14	ADT/ACK - Pending admit
A15	ADT/ACK - Pending transfer
A16	ADT/ACK - Pending discharge
A17	ADT/ACK - Swap patients
A18	ADT/ACK - Merge patient information (for backward compatibility only)
A19	QRY/ADR - Patient query
A20	ADT/ACK - Bed status update
A21	ADT/ACK - Patient goes on a "leave of absence"
A22	ADT/ACK - Patient returns from a "leave of absence"
A23	ADT/ACK - Delete a patient record
A24	ADT/ACK - Link patient information
A25	ADT/ACK - Cancel pending discharge
A26	ADT/ACK - Cancel pending transfer
A27	ADT/ACK - Cancel pending admit
A28	ADT/ACK - Add person information
A29	ADT/ACK - Delete person information
A30	ADT/ACK - Merge person information (for backward compatibility only)
A31	ADT/ACK - Update person information
A32	ADT/ACK - Cancel patient arriving - tracking
A33	ADT/ACK - Cancel patient departing - tracking
A34	ADT/ACK - Merge patient information - patient-ID only (for backward compatibility only)
A35	ADT/ACK - Merge patient information - account number only (for backward compatibility only)

Value	Description
A36	ADT/ACK - Merge patient information - patient-ID and account number (for backward compatibility only)
A37	ADT/ACK - Unlink patient information
A38	ADT/ACK - Cancel pre-admit
A39	ADT/ACK - Merge person - patient-ID (for backward compatibility only)
A40	ADT/ACK - Merge patient - patient identifier list
A41	ADT/ACK - Merge account - patient account number
A42	ADT/ACK - Merge visit - visit number
A43	ADT/ACK - Move patient information - patient identifier list
A44	ADT/ACK - Move account information - patient account number
A45	ADT/ACK - Move visit information - visit number
A46	ADT/ACK - Change patient-ID (for backward compatibility only)
A47	ADT/ACK - Change patient identifier list
A48	ADT/ACK - Change alternate patient-ID (for backward compatibility only)
A49	ADT/ACK - Change patient account number
A50	ADT/ACK - Change visit number
A51	ADT/ACK - Change alternate visit-ID
A52	ADT/ACK - Cancel leave of absence for a patient
A53	ADT/ACK - Cancel patient returns from a leave of absence
A54	ADT/ACK - Change attending doctor
A55	ADT/ACK - Cancel change attending doctor
A60	ADT/ACK - Update allergy information
A61	ADT/ACK - Change consulting doctor
A62	ADT/ACK - Cancel change consulting doctor
B01	PMU/ACK - Add personnel record
B02	PMU/ACK - Update personnel record
B03	PMU/ACK - Delete personnel record
B04	PMU/ACK - Active practicing person
B05	PMU/ACK - Deactivate practicing person
B06	PMU/ACK - Terminate practicing person
C01	CRM - Register a patient on a clinical trial
C02	CRM - Cancel a patient registration on clinical trial (for clerical mistakes only)
C03	CRM - Correct/update registration information
C04	CRM - Patient has gone off a clinical trial
C05	CRM - Patient enters phase of clinical trial
C06	CRM - Cancel patient entering a phase (clerical mistake)
C07	CRM - Correct/update phase information
C08	CRM - Patient has gone off phase of clinical trial

Value	Description
C09	CSU - Automated time intervals for reporting, e.g. monthly
C10	CSU - Patient completes the clinical trial
C11	CSU - Patient completes a phase of the clinical trial
C12	CSU - Update/correction of patient order/result information
I01	RQI/RPI - Request for insurance information
I02	RQI/RPL - Request/receipt of patient selection display list
I03	RQI/RPR - Request/receipt of patient selection list
I04	RQD/RPI - Request for patient demographic data
I05	RQC/RCI - Request for patient clinical information
I06	RQC/RCL - Request/receipt of clinical data listing
I07	PIN/ACK - Unsolicited insurance information
I08	RQA/RPA - Request for treatment authorisation information
I09	RQA/RPA - Request for modification to an authorisation
I10	RQA/RPA - Request for resubmission of an authorisation
I11	RQA/RPA - Request for cancellation of an authorisation
I12	REF/RRI - Patient referral
I13	REF/RRI - Modify patient referral
I14	REF/RRI - Cancel patient referral
I15	REF/RRI - Request patient referral status
J01	QCN/ACK - Cancel query/acknowledge message
J02	QSX/ACK - Cancel subscription/acknowledge message
K11	RSP - Segment pattern response
K13	RTB - Tabular response
K15	RDY - Display response
K21	RSP - Get person demographics response
K22	RSP - Find candidates response
K23	RSP - Get corresponding identifiers response
K24	RSP - Allocate identifiers response
K25	RSP - Personnel-Information-by-Segment-Response
M01	MFN/MFK - Master file not otherwise specified (for backward compatibility only)
M02	MFN/MFK - Master file - staff practitioner
M03	MFN/MFK - Master file - test/observation (for backward compatibility only)
M04	MFN/MFK - Master files charge description
M05	MFN/MFK - Patient location master file
M06	MFN/MFK - Clinical study with phases and schedules master file
M07	MFN/MFK - Clinical study without phases but with schedules master file
M08	MFN/MFK - Test/observation (numeric) master file

Value	Description
M09	MFN/MFK - Test/observation (categorical) master file
M10	MFN/MFK - Test/observation batteries master file
M11	MFN/MFK - Test/calculated observations master file
M12	MFN/MFK - Master file notification message
N01	NMQ/NMR - Application management query message
N02	NMD/ACK - Application management data message (unsolicited)
O01	ORM - Order message (also -RDE, -RDS, -RGV, -RAS)
O02	ORR - Order response (also -RRE, -RRD, -RRG, -RRA)
O03	OMD - Diet order
O04	ORD - Diet order acknowledgment
O05	OMS - Stock requisition order
O06	ORS - Stock requisition acknowledgment
O07	OMN - Non-stock requisition order
O08	ORN - Non-stock requisition acknowledgment
O09	OMP - Pharmacy/treatment order
O10	ORP - Pharmacy/treatment order acknowledgment
O11	RDE - Pharmacy/treatment encoded order
O12	RRE - Pharmacy/treatment encoded order acknowledgment
O13	RDS - Pharmacy/treatment dispense
O14	RRD - Pharmacy/treatment dispense acknowledgment
O15	RGV - Pharmacy/treatment give
O16	RRG - Pharmacy/treatment give acknowledgment
O17	RAS - Pharmacy/treatment administration
O18	RRA - Pharmacy/treatment administration acknowledgment
O19	OMG - General clinical order
O20	ORG/ORL - General clinical order response
O21	OML - Pharmacy order
O22	ORL - General pharmacy order response message to any-OML
P01	BAR/ACK - Add patient accounts
P02	BAR/ACK - Purge patient accounts
P03	DFT/ACK - Post detail financial transaction
P04	QRY/DSP - Generate bill and-A/R statements
P05	BAR/ACK -Update account
P06	BAR/ACK - End account
P07	PEX - Unsolicited initial individual product experience report
P08	PEX - Unsolicited update individual product experience report
P09	SUR - Summary product experience report

Value	Description
P10	BAR/ACK Transmit-Ambulatory-Payment-Classification (APC)
PC1	PPR - PC/ problem add
PC2	PPR - PC/ problem update
PC3	PPR - PC/ problem delete
PC4	QRY - PC/ problem query
PC5	PRR - PC/ problem response
PC6	PGL - PC/ goal add
PC7	PGL - PC/ goal update
PC8	PGL - PC/ goal delete
PC9	QRY - PC/ goal query
PCA	PPV - PC/ goal response
PCB	PPP - PC/ pathway (problem-oriented) add
PCC	PPP - PC/ pathway (problem-oriented) update
PCD	PPP - PC/ pathway (problem-oriented) delete
PCE	QRY - PC/ pathway (problem-oriented) query
PCF	PTR - PC/ pathway (problem-oriented) query response
PCG	PPG - PC/ pathway (goal-oriented) add
PCH	PPG - PC/ pathway (goal-oriented) update
PCJ	PPG - PC/ pathway (goal-oriented) delete
PCK	QRY - PC/ pathway (goal-oriented) query
PCL	PPT - PC/ pathway (goal-oriented) query response
Q01	QRY/DSR - Query sent for immediate response
Q02	QRY/QCK - Query sent for deferred response
Q03	DSR/ACK - Deferred response to a query
Q04	EQQ - Embedded query language query
Q05	UDM/ACK-Unsolicited display update message
Q06	OSQ/OSR - Query for order status
Q07	VQQ - Virtual table query
Q08	SPQ - Stored procedure request
Q09	RQQ - Event replay query
Q16	QSB - Create subscription
Q17	QVR - Query for previous events
Q21	QBP - Get person demographics
Q22	QBP - Find candidates
Q23	QBP - Get corresponding identifiers
Q24	QBP - Allocate identifiers
Q25	QBP - Personnel-Information by-Segment-Query

Value	Description
Q26	ROR - Pharmacy/treatment order response
Q27	RAR - Pharmacy/treatment administration information
Q28	RDR - Pharmacy/treatment dispense information
Q29	RER - Pharmacy/treatment encoded order information
Q30	RGR - Pharmacy/treatment dose information
QNC	Varies - Query cancellation
R01	ORU/ACK - Unsolicited transmission of an observation message
R02	QRY - Query for results of observation
R03	QRY/DSR-Display-Oriented results, query/unsol. update (for backward compatibility only) (replaced by /Q05)
R04	ORF - Response to query; transmission of requested observation
ROR	ROR - Pharmacy prescription order query response
R07	EDR - Enhanced-Display-Response
R08	TBR - Tabular Data Response
R09	ERP - Event Replay Response
R21	OUL - Unsolicited pharmacy observation
S01	SRM/SRR - Request new appointment booking
S02	SRM/SRR - Request appointment rescheduling
S03	SRM/SRR - Request appointment modification
S04	SRM/SRR - Request appointment cancellation
S05	SRM/SRR - Request appointment discontinuation
S06	SRM/SRR - Request appointment deletion
S07	SRM/SRR - Request addition of service/resource on appointment
S08	SRM/SRR - Request modification of service/resource on appointment
S09	SRM/SRR - Request cancellation of service/resource on appointment
S10	SRM/SRR - Request discontinuation of service/resource on appointment
S11	SRM/SRR - Request deletion of service/resource on appointment
S12	SIU/ACK - Notification of new appointment booking
S13	SIU/ACK - Notification of appointment rescheduling
S14	SIU/ACK - Notification of appointment modification
S15	SIU/ACK - Notification of appointment cancellation
S16	SIU/ACK - Notification of appointment discontinuation
S17	SIU/ACK - Notification of appointment deletion
S18	SIU/ACK - Notification of addition of service/resource on appointment
S19	SIU/ACK - Notification of modification of service/resource on appointment
S20	SIU/ACK - Notification of cancellation of service/resource on appointment
S21	SIU/ACK - Notification of discontinuation of service/resource on appointment
S22	SIU/ACK - Notification of deletion of service/resource on appointment

Value	Description
S23	SIU/ACK - Notification of blocked schedule time slot(s)
S24	SIU/ACK - Notification of opened ("unblocked") schedule time slot(s)
S25	SQM/SQR - Schedule query message and response
S26	SIU/ACK - Notification that patient did not show up for schedule appointment
T01	MDM/ACK - Original document notification
T02	MDM/ACK - Original document notification and content
T03	MDM/ACK - Document status change notification
T04	MDM/ACK - Document status change notification and content
T05	MDM/ACK - Document addendum notification
T06	MDM/ACK - Document addendum notification and content
T07	MDM/ACK - Document edit notification
T08	MDM/ACK - Document edit notification and content
T09	MDM/ACK - Document replacement notification
T10	MDM/ACK - Document replacement notification and content
T11	MDM/ACK - Document cancel notification
T12	QRY/DOC - Document query
U01	ESU/ACK - Automated equipment status update
U02	ESR/ACK - Automated equipment status request
U03	SSU/ACK - Specimen status update
U04	SSR/ACK - specimen status request
U05	INU/ACK - Automated equipment inventory update
U06	INR/ACK - Automated equipment inventory request
U07	EAC/ACK - Automated equipment command
U08	EAR/ACK - Automated equipment response
U09	EAN/ACK - Automated equipment notification
U10	TCU/ACK - Automated equipment test code settings update
U11	TCR/ACK - Automated equipment test code settings request
U12	LSU/ACK - Automated equipment log/service update
U13	LSR/ACK - Automated equipment log/service request
V01	VXQ - Query for vaccination record
V02	VXX - Response to vaccination query returning multiple PID matches
V03	VXR - Vaccination record response
V04	VXU - Unsolicited vaccination record update
Varies	MFQ/MFR = Master files query (use event same as asking for, e.g. M05 - location)
W01	ORU - Waveform result, unsolicited transmission of requested information
W02	QRF - Waveform result, response to query

**Table B 3: HL7 Table 0003 – Event type**

HL7 Table 0076 Message Type

Value	Description
ACK	General acknowledgment message
ADR	ADT response
ADT	ADT message
BAR	Add/change billing account
CRM	Clinical study registration message
CSU	Unsolicited study data message
DFT	Detail financial transactions
DOC	Document response
DSR	Display response
EAC	Automated equipment command message
EAN	Automated equipment notification message
EAR	Automated equipment response message
EDR	Enhanced display response
EQQ	Embedded query language query
ERP	Event replay response
ESR	Automated equipment status update acknowledgment message
ESU	Automated equipment status update message
INR	Automated equipment inventory request message
INU	Automated equipment inventory update message
LSR	Automated equipment log/service request message
LSU	Automated equipment log/service update message
MCF	Delayed Acknowledgment (retained for backward compatibility only)
MDM	Medical document management
MFD	Master files delayed application acknowledgment
MFK	Master files application acknowledgment
MFN	Master files notification
MFQ	Master files query
MFR	Master files response
NMD	Application management data message
NMQ	Application management query message
NMR	Application management response message
OMD	Dietary order
OMG	General clinical order message
OML	Pharmacy order message
OMN	Non-stock requisition order message

Value	Description
OMP	Pharmacy/treatment order message
OMS	Stock requisition order message
ORD	Dietary order acknowledgment message
ORF	Query for results of observation
ORG	General clinical order acknowledgment message
ORL	Pharmacy acknowledgment message (unsolicited)
ORM	Pharmacy/treatment order message
ORN	Non-stock requisition - General order acknowledgment message
ORP	Pharmacy/treatment order acknowledgment message
ORR	General order response message response to any ORM
ORS	Stock requisition - Order acknowledgment message
ORU	Unsolicited transmission of an observation message
OSQ	Query response for order status
OSR	Query response for order status
OUL	Unsolicited pharmacy observation message
PEX	Product experience message
PGL	Patient goal message
PIN	Patient insurance information
PMU	Add personnel record
PPG	Patient pathway message (goal-oriented)
PPP	Patient pathway message (problem-oriented)
PPR	Patient problem message
PPT	Patient pathway goal-oriented response
PPV	Patient goal response
PRR	Patient problem response
PTR	Patient pathway problem-oriented response
QBP	Query by parameter
QCK	Deferred query
QCN	Cancel query
QRY	Query, original mode
QSB	Create subscription
QSX	Cancel subscription/acknowledge message
QVR	Query for previous events
RAR	Pharmacy/treatment administration information
RAS	Pharmacy/treatment administration message
RCI	Return clinical information
RCL	Return clinical list

Value	Description
RDE	Pharmacy/treatment encoded order message
RDR	Pharmacy/treatment dispense information
RDS	Pharmacy/treatment dispense message
RDY	Display based response
REF	Patient referral
RER	Pharmacy/treatment encoded order information
RGR	Pharmacy/treatment dose information
RGV	Pharmacy/treatment give message
ROR	Pharmacy/treatment order response
RPA	Return patient authorisation
RPI	Return patient information
RPL	Return patient display list
RPR	Return patient list
RQA	Request patient authorisation
RQC	Request clinical information
RQI	Request patient information
RQP	Request patient demographics
RQQ	Event replay query
RRA	Pharmacy/treatment administration acknowledgment message
RRD	Pharmacy/treatment dispense acknowledgment message
RRE	Pharmacy/treatment encoded order acknowledgment message
RRG	RRG Pharmacy/treatment give acknowledgment message
RRI	RRI Return referral information
RSP	RSP Segment pattern response
RTB	RTB Tabular response
SIU	SIU Schedule information unsolicited
SPQ	SPQ Stored procedure request
SQM	SQM Schedule query message
SQR	Schedule query response
SRM	Schedule request message
SRR	Scheduled request response
SSR	Specimen status request message
SSU	Specimen status update message
SUR	Summary product experience report
TBR	Tabular data response
TCR	Automated equipment test code settings request message
TCU	Automated equipment test code settings update message

Value	Description
UDM	Unsolicited display update message
VQQ	Virtual table query
VXQ	Query for vaccination record
VXR	Vaccination record response
VXU	Unsolicited vaccination record update

**Table B 4: HL7 Table 0076 – Message type**

#### ISO Country Codes

An identifier of the country or nation that forms part of the concept. 99NZSCC is the agreed national standard and is based on the ISO3166 Code Set. This table consists of the NZSCC99 four digit codes with mappings to ISO3166 two character Alpha Codes:

99NZSCC	ISO 3166	Description
7201	AF	Afghanistan
3201	AL	Albania
4101	DZ	Algeria
3101	AD	Andorra
9201	AO	Angola
8401	AI	Anguilla
1601	AQ	Antarctica
1601	TF	Antarctica (This includes French Southern Territories)
8402	AG	Antigua and Barbuda
8201	AR	Argentina
7202	AM	Armenia
8403	AW	Aruba
1101	AU	Australia
1199	CX	Australian External Territories nec (This includes Christmas Island)
1199	CC	Australian External Territories nec (This includes Cocos (Keeling) Islands)
2301	AT	Austria
7203	AZ	Azerbaijan
8404	BS	Bahamas
4201	BH	Bahrain
7101	BD	Bangladesh
8405	BB	Barbados
3301	BY	Belarus
2302	BE	Belgium
8301	BZ	Belize

99NZSCC	ISO 3166	Description
9101	BJ	Benin
8101	BM	Bermuda
7102	BT	Bhutan
8202	BO	Bolivia
3202	BA	Bosnia and Herzegovina
9202	BW	Botswana
8203	BR	Brazil
5201	BN	Brunei Darussalam
3203	BG	Bulgaria
9102	BF	Burkina Faso
9203	BI	Burundi
5102	KH	Cambodia
9103	CM	Cameroon
8102	CA	Canada
9104	CV	Cape Verde
8406	KY	Cayman Islands
9105	CF	Central African Republic
9106	TD	Chad
2101	GJ	Channel Islands
8204	CL	Chile
6101	CN	China, People's Republic of
8205	CO	Colombia
9204	KM	Comoros
9107	CG	Congo
9108	CD	Congo, the Democratic Republic of the
1501	CK	Cook Islands
8302	CR	Costa Rica
9111	CI	Cote d'Ivoire
3204	HR	Croatia
8407	CU	Cuba
3205	CY	Cyprus
3302	CZ	Czech Republic
2401	DK	Denmark
9205	DJ	Djibouti
8408	DM	Dominica
8411	DO	Dominican Republic

99NZSCC	ISO 3166	Description
5206	TL	East Timor
8206	EC	Ecuador
4102	EG	Egypt
8303	SV	El Salvador
2102	EN	England
9112	GQ	Equatorial Guinea
9206	ER	Eritrea
3303	EE	Estonia
9207	ET	Ethiopia
2402	FO	Faeroe Islands
8207	FK	Falkland Islands
1502	FJ	Fiji
2403	FI	Finland
3206	MK	Former Yugoslav Republic of Macedonia (FYROM)
2303	FR	France
8208	GF	French Guiana
1503	PF	French Polynesia
9113	GA	Gabon
9114	GM	Gambia
4202	PS	Gaza Strip/Palestine/West Bank
7204	GE	Georgia
2304	DE	Germany
9115	GH	Ghana
3102	GI	Gibraltar
3207	GR	Greece
2404	GL	Greenland
8412	GD	Grenada
8413	GP	Guadeloupe
1401	GU	Guam
8304	GT	Guatemala
9116	GN	Guinea
9117	GW	Guinea-Bissau
8211	GY	Guyana
8414	HT	Haiti
8305	HN	Honduras
6102	HK	Hong Kong (Special Administrative Region)

99NZSCC	ISO 3166	Description
3304	HU	Hungary
2405	IS	Iceland
7103	IN	India
5202	ID	Indonesia
4203	IR	Iran
4204	IQ	Iraq
2201	IE	Ireland
2103	IM	Isle of Man
4205	IL	Israel
3104	IT	Italy
8415	JM	Jamaica
6103	JP	Japan
4206	JO	Jordan
7205	KZ	Kazakhstan
9208	KE	Kenya
1402	KI	Kiribati
6104	KP	Korea, Democratic People's Republic of
6105	KR	Korea, Republic of
4207	KW	Kuwait
7206	KG	Kyrgyzstan
5103	LA	Laos
3305	LV	Latvia
4208	LB	Lebanon
9211	LS	Lesotho
9118	LR	Liberia
4103	LY	Libya
2305	LI	Liechtenstein
3306	LT	Lithuania
2306	LU	Luxembourg
6106	MO	Macau (Special Administrative Region)
9212	MG	Madagascar
9213	MW	Malawi
5203	MY	Malaysia
7104	MV	Maldives
9121	ML	Mali
3105	MT	Malta

99NZSCC	ISO 3166	Description
1403	MH	Marshall Islands
8416	MQ	Martinique
9122	MR	Mauritania
9214	MU	Mauritius
9215	YT	Mayotte
8306	MX	Mexico
1404	FM	Micronesia, Federated States of
3208	MD	Moldova
2307	MC	Monaco
6107	MN	Mongolia
8417	MS	Montserrat
4104	MA	Morocco
9216	MZ	Mozambique
5101	MM	Myanmar
9217	NA	Namibia
1405	NR	Nauru
7105	NP	Nepal
2308	NL	Netherlands
8418	AN	Netherlands Antilles
1301	NC	New Caledonia
1201	NZ	New Zealand
8307	NI	Nicaragua
9123	NE	Niger
9124	NG	Nigeria
1504	NU	Niue
1102	NF	Norfolk Island
2104	ND	Northern Ireland
1406	MP	Northern Mariana Islands
2406	NO	Norway
4211	OM	Oman
7106	PK	Pakistan
1407	PW	Palau
8308	PA	Panama
1302	PG	Papua New Guinea
8212	PY	Paraguay
8213	PE	Peru

99NZSCC	ISO 3166	Description
5204	PH	Philippines
3307	PL	Poland
1599	PN	Polynesia (excludes Hawaii) nec (This includes Pitcairn Island)
3106	PT	Portugal
8421	PR	Puerto Rico
4212	QA	Qatar
9218	RE	Reunion
3211	RO	Romania
3308	RU	Russia
9221	RW	Rwanda
1505	WS	Samoa
1506	AS	Samoa, American
3107	SM	San Marino
9125	ST	Sao Tome and Principe
4213	SA	Saudi Arabia
2105	HI	Scotland
9126	SN	Senegal
3213	CS	Serbia and Montenegro
9223	SC	Seychelles
9127	SL	Sierra Leone
5205	SG	Singapore
3311	SK	Slovakia
3212	SI	Slovenia
1303	SB	Solomon Islands
9224	SO	Somalia
9225	ZA	South Africa
8299	GS	South America nec (This includes South Georgia and the South Sandwich Islands)
9299	IO	Southern and East Africa nec (This includes British Indian Ocean Territory)
3108	ES	Spain
7107	LK	Sri Lanka
9222	SH	St Helena
8422	KN	St Kitts and Nevis
8423	LC	St Lucia
8103	PM	St Pierre and Miquelon

99NZSCC	ISO 3166	Description
8424	VC	St Vincent and the Grenadines
4105	SD	Sudan
8214	SR	Suriname
9226	SZ	Swaziland
2407	SE	Sweden
2311	CH	Switzerland
4214	SY	Syria
6108	TW	Taiwan
7207	TJ	Tajikistan
9227	TZ	Tanzania
5104	TH	Thailand
9128	TG	Togo
1507	TK	Tokelau
1508	TO	Tonga
8425	TT	Trinidad and Tobago
4106	TN	Tunisia
4215	TR	Turkey
7208	TM	Turkmenistan
8426	TC	Turks and Caicos Islands
1511	TV	Tuvalu
9228	UG	Uganda
3312	UA	Ukraine
4216	AE	United Arab Emirates
2100	GB	United Kingdom (not further defined)
8104	US	United States of America
8104	UM	United States of America (This includes United States Minor Outlying Islands)
8215	UY	Uruguay
7211	UZ	Uzbekistan
1304	VU	Vanuatu
3103	VA	Vatican City State
8216	VE	Venezuela
5105	VN	Viet Nam
8427	VG	Virgin Islands, British
8428	VI	Virgin Islands, United States
2106	WA	Wales

99NZSCC	ISO 3166	Description
1512	WF	Wallis and Futuna
4107	EH	Western Sahara
4217	YE	Yemen
9231	ZM	Zambia
9232	ZW	Zimbabwe

**Table B 5: Country Codes ISO 3166**

HL7 Table 0074 – Diagnostic Service Section ID

Value	Description	Value	Description
AU	Audiology	OT	Occupational Therapy
BG	Blood gases	OTH	Other
BLB	Blood bank	OSL	Outside PHA
CUS	Cardiac Ultrasound	PAR	Parasitology
CTH	Cardiac catheterisation	PAT	Pathology (gross & histopath, not surgical)
CAT	CT scan	PHR	Pharmacy
CH	Chemistry	PT	Physical Therapy
CP	Cytopathology	PHY	Physician (Hx, Dx, admission note, etc.)
EC)	Electrocardiac (e.g. EKG, EEC, Holter)	PF	Pulmonary function
EN	Electroneuro (EEG, EMG, EP, PSG)	RAD	Pharmacy
HM	Hematology	RX	Radiographic image(s)
ICU	Bedside ICU Monitoring	RUS	Radiological ultrasound
IMG	Diagnostic Imaging	RC	Respiratory Care (therapy)
IMM	Immunology	RT	Radiation therapy
PHA	Pharmacy	SR	Serology
MB	Microbiology	SP	Surgical Pathology
MCB	Mycobacteriology	TX	Toxicology
MYC	Mycology	URN	Urinalysis
NMS	Nuclear medicine scan	VUS	Vascular Ultrasound
NMR	Magnetic resonance	VR	Virology
NRS	Nursing service measures	XRC	Cineradiograph
OUS	Obstetrical ultrasound		

**Table B 6: HL7 Table 0074 – Diagnostic Service Section ID**

HL7 User Defined Table 0006 – Religion

Value	Description
AGN	Agnostic
ATH	Atheist
BAH	Baha'i
BUD	Buddhist
BMA	Buddhist: Mahayana
BTH	Buddhist: Theravada
BTA	Buddhist: Tantrayana
BOT	Buddhist: Other
CFR	Chinese Folk Religionist
CHR	Christian
ABC	Christian: American Baptist Church
AMT	Christian: African Methodist Episcopal
AME	Christian: African Methodist Episcopal Zion
ANG	Christian: Anglican
AOG	Christian: Assembly of God
BAP	Christian: Baptist
CAT	Christian: Roman Catholic
CRR	Christian: Christian Reformed
CHS	Christian: Christian Science
CMA	Christian: Christian Missionary Alliance
COC	Christian: Church of Christ
COG	Christian: Church of God
COI	Christian: Church of God in Christ
COM	Christian: Community
COL	Christian: Congregational
EOT	Christian: Eastern Orthodox
EVC	Christian: Evangelical Church
EPI	Christian: Episcopalian
FWB	Christian: Free Will Baptist
FRQ	Christian: Friends
GRE	Christian: Greek Orthodox
JWN	Christian: Jehovah's Witness
LUT	Christian: Lutheran
LMS	Christian: Lutheran Missouri Synod
MEN	Christian: Mennonite
MET	Christian: Methodist

Value	Description
MOM	Christian: Latter-day Saints
NAZ	Christian: Church of the Nazarene
ORT	Christian: Orthodox
COT	Christian: Other
PRC	Christian: Other Protestant
PEN	Christian: Pentecostal
COP	Christian: Other Pentecostal
PRE	Christian: Presbyterian
PRO	Christian: Protestant
QUA	Christian: Friends
REC	Christian: Reformed Church
REO	Christian: Reorganised Church of Jesus Christ-LDS
SAA	Christian: Salvation Army
SEV	Christian: Seventh Day Adventist
SOU	Christian: Southern Baptist
UCC	Christian: United Church of Christ
UMD	Christian: United Methodist
UNI	Christian: Unitarian
UNU	Christian: Unitarian Universalist
WES	Christian: Wesleyan
WMC	Christian: Wesleyan Methodist
CNF	Confucian
ERL	Ethnic Religionist
HIN	Hindu
HVA	Hindu: Vaishnavites
HSH	Hindu: Shaivites
HOT	Hindu: Other
JAI	Jain
JEW	Jewish
JCO	Jewish: Conservative
JOR	Jewish: Orthodox
JOT	Jewish: Other
JRC	Jewish: Reconstructionist
JRF	Jewish: Reform
JRN	Jewish: Renewal
MOS	Muslim
MSU	Muslim: Sunni

Value	Description
MSH	Muslim: Shiite
MOT	Muslim: Other
NAM	Native American
NRL	New Religionist
NOE	Nonreligious
OTH	Other
SHN	Shintoist
SIK	Sikh
SPI	Spiritist
VAR	Unknown

**Table B 7: HL7 User Defined Table 0006 – Religion**

HL7 User Defined Table 0069 – Health Specialty

Value	Description
D00	Age-related disability geriatric A, T & R sub-series
D01	Geriatric A, T & R (active rehabilitation)
D02	Geriatric A, T & R (continuing care)
D03	Geriatric A, T & R (intermittent planned programme)
D04	Geriatric A, T & R (respite/unplanned)
D10	Age-related disability geriatric residential care sub-series
D11	Geriatric residential care (hospital - long term)
D12	Geriatric residential care (hospital - short term/respite)
D13	Geriatric residential care (rest home - long term)
D14	Geriatric residential care (rest home - short term/respite)
D20	Age-related disability psychogeriatric A, T & R sub-series
D21	Psychogeriatric A, T & R (active rehabilitation)
D22	Psychogeriatric A, T & R (continuing care)
D23	Psychogeriatric A, T & R (intermittent planned programme)
D24	Psychogeriatric A, T & R (respite/unplanned)
D30	Age-related disability psychogeriatric residential care sub-series
D31	Psychogeriatric residential care (hospital - long term)
D32	Psychogeriatric residential care (hospital/respite)
D33	Psychogeriatric residential care (rest home - long term)
D34	Psychogeriatric residential care (rest home/respite)
D40	Physical disability A, T & R sub-series
D41	Physical disability A, T & R (active rehabilitation)
D42	Physical disability A, T & R (continuing care)

Value	Description
D43	Physical disability A, T & R (intermittent programme)
D44	Physical disability A, T & R (respite)
D50	Physical disability residential care sub-series
D51	Physical disability residential care (hospital - long term)
D52	Physical disability residential care (hospital/respite)
D53	Physical disability residential care (non-hospital - long term)
D54	Physical disability residential care (non-hospital - short term/respite)
D60	Intellectual disability A, T & R sub-series
D61	Intellectual disability A, T & R (active rehabilitation)
D62	Intellectual disability A, T & R (continuing care)
D63	Intellectual disability A, T & R (intermittent programme)
D64	Intellectual disability A, T & R (respite)
D70	Intellectual disability residential care sub-series
D71	Intellectual disability residential care (hospital - long term)
D72	Intellectual disability residential care (hospital - short term/respite)
D73	Intellectual disability residential care (non-hospital - long term)
D74	Intellectual disability residential care (non-hospital - short term/respite)
D80	Sensory disability A, T & R sub-series
D81	Sensory disability A, T & R (active rehabilitation)
D82	Sensory disability A, T & R (continuing care)
D83	Sensory disability A, T & R (intermittent programme)
D84	Sensory disability A, T & R (respite)
M00	General medicine
M05	Emergency medicine
M08	Specialist intensive care
M10	Cardiology
M14	Specialist paediatric cardiology
M15	Dermatology
M20	Endocrinology and diabetology
M24	Specialist paediatric endocrinology and diabetology
M25	Gastroenterology
M29	Specialist paediatric gastroenterology
M30	Haematology
M34	Specialist paediatric haematology
M35	Immunology
M40	Infectious diseases
M44	Specialist paediatric infectious diseases

Value	Description
M45	Neurology
M49	Specialist paediatric neurology
M50	Oncology
M54	Specialist paediatric oncology
M55	Paediatric medicine
M59	Specialist paediatric intensive care
M60	Renal medicine
M64	Specialist paediatric renal medicine
M65	Respiratory medicine
M69	Specialist paediatric respiratory medicine
M70	Rheumatology
M74	Specialist paediatric rheumatology
M75	Venereology
M79	Specialist paediatric venereology
M80	Palliative and terminal care medical services
M84	Specialist paediatric palliative care
M85	Other medical services
M86	Specialist nuclear medicine
M89	Specialist interventionist Pharmacy
M90	Radiotherapy
M94	Specialist paediatric radiotherapy
P00	Antenatal services
P10	Delivery services [mother]
P11	Primary delivery services [midwife]
P20	Postnatal services [mother]
P30	Postnatal services [well newborn]
P35	Primary postnatal services [specialist]
P41	Paediatric neonatal special care [level I]
P42	Paediatric neonatal special / intensive care [level II]
P43	Paediatric neonatal special / intensive care [level III]
P50	Postnatal early intervention
S00	General surgery
S05	Anaesthesiology
S10	Gastroenterological surgery
S15	Cardiothoracic surgery
S19	Thoracic surgery
S20	Dental surgery

Value	Description
S24	Maxillo-facial surgery
S25	Otorhinolaryngology (ent)
S30	Gynaecology
S35	Neurosurgery
S40	Ophthalmology
S45	Orthopaedic surgery
S50	Spinal surgery
S58	Specialist paediatric surgery [neonates]
S59	Specialist paediatric surgery [others]
S60	Plastic surgery [excluding burns]
S65	Burns surgery
S70	Urology
S75	Vascular surgery
Y01	Adult mental health individual treatment services
Y02	Adult mental health group programmes
Y03	Adult acute/crisis mental health services
Y04	Intensive care mental health services
Y05	Adult mental health care co-ordination
Y06	Adult mental health early psychosis intervention
Y07	Adult mental health consultation/liaison
Y08	Adult mental health intensive care services
Y09	Adult acute/crisis health services
Y11	Psychiatric disability rehabilitation (inpatient - long term)
Y12	Psychiatric disability rehabilitation (inpatient - short term/respice)
Y15	Clozapine treatment
Y16	Risperidone treatment
Y18	Adult mental health acute inpatient services
Y22	Forensic mental health medium secure
Y23	Forensic mental health maximum secure
Y24	Forensic court liaison
Y25	Forensic prison liaison
Y29	Forensic consultation/liaison
Y33	Maori mental health acute/crisis services
Y38	Maori mental health acute inpatient services
Y41	Substance abuse individual treatment services
Y42	Substance abuse group programmes
Y43	Substance abuse detoxification services (medical)

Value	Description
Y44	Methadone treatment
Y45	Substance abuse detoxification services (social)
Y46	Substance abuse care co-ordination
Y47	Substance abuse consultation/liaison
Y53	Child and adolescent acute/crisis services
Y58	Child and adolescent mental health acute inpatient services
Y60	Mental health skills enhancement
Y61	Social and recreational
Y62	Activity and skill development
Y63	Work opportunities
Y71	Community mental health residential level 1
Z99	Migrated data only (MoH use only)

**Table B 8: HL7 User Defined Table 0069 – Health Specialty**

HPI 10006 2.1.1 Identifier Type

Code	Description
CH	Chiropractor Board Register Number
OH	Dental Council of New Zealand Register Number
DI	Dietetic Board Register Number
LT	Medical Pharmacy Science Register Number
MC	Medical Council of New Zealand Register Number
MW	Midwifery Council Register Number
NC	Nursing Council Register Number
OS	Osteopath Board Register Number
OT	Occupational Therapy Board Register Number
PC	Register of Psychologists Number
PM	Pharmacy Council Register Number
PO	Podiatry Board Register Number
PT	Physiotherapy Board Register Number
RT	Medical Radiation Technology Board Register Number
OD	Optometry Board Optical Dispensing Register Number
OP	Optometry Board Register Number
OR	Optometry Board Optometry Prescriber Register Number
CS	Cervical Screening Identifier Number
HP	HealthPAC Number
AC	ACC Provider Number
ST	Staff List or Employee Number

Code	Description
HI	Health Practitioner Index CPN
HO	Health Practitioner Index - Organisation Identifier
HF	Health Practitioner Index - Facility Identifier

**Table B 9: HPI 10006 2.1.1 Identifier Type**

Common ISO Derived Units and ISO+ Extensions

Code/Abbreviation.	Name
/ (arb_u)	*1 / arbitrary unit
/iu	*1 / international unit
/kg	*1 / kilogram
/L	1 / litre
1/mL	*1 / millilitre
10.L/min	*10 x litre / minute
10.L / (min.m <sup>2</sup> )	*10 x (litre / minute) / metre <sup>2</sup> = litre / (minute × metre <sup>2</sup> )
10 <sup>3</sup> /mm <sup>3</sup>	*10 <sup>3</sup> / cubic millimetre (e.g. white blood cell count)
10 <sup>3</sup> /L	*10 <sup>3</sup> / Litre
10 <sup>3</sup> /mL	*10 <sup>3</sup> / millilitre
10 <sup>6</sup> /mm <sup>3</sup>	*10 <sup>6</sup> / millimetre <sup>3</sup>
10 <sup>6</sup> /L	*10 <sup>6</sup> / Litre
10 <sup>6</sup> /mL	*10 <sup>6</sup> / millilitre
10 <sup>9</sup> /mm <sup>3</sup>	*10 <sup>9</sup> / millimetre <sup>3</sup>
10 <sup>9</sup> /L	*10 <sup>9</sup> / Litre
10 <sup>9</sup> /mL	*10 <sup>9</sup> / millilitre
10 <sup>12</sup> /L	*10 <sup>12</sup> / Litre
10 <sup>3</sup> (rbc)	*1000 red blood cells <sup>†</sup>
a/m	Ampere per metre
(arb_u)	*Arbitrary unit
bar	Bar (pressure; 1 bar = 100 kilopascals)
/min	Beats or Other Events Per Minute
bq	Becquerel
(bdsk_u)	*Bodansky Units
(bsa)	*Body surface area
(cal)	*Calorie
1	*Catalytic Fraction
/L	Cells / Litre
cm	Centimetre
cm_h20	*Centimetres of water =H <sub>2</sub> O (pressure)

Code/Abbreviation.	Name
cm_h20.s/L	Centimetres H <sub>2</sub> O / (litre / second) = (centimetres H <sub>2</sub> O □second) / litre (e.g., mean pulmonary resistance)
cm_h20/(s.m)	(Centimetres H <sub>2</sub> O / second) / metre = centimetres H <sub>2</sub> O / (second □metre) (e.g., pulmonary pressure time product)
(cfu)	*Colony Forming Units
m <sup>3</sup> /s	Cubic metre per second
d	Day
db	Decibels
dba	*Decibels a Scale
cel	Degrees Celsius
deg	Degrees of Angle
(drop)	Drop
10.un.s/cm <sup>5</sup>	Dyne □Second / centimetre <sup>5</sup> (1 dyne = 10 micronewton = 10 un) (e.g. systemic vascular resistance)
10.un.s/(cm <sup>5</sup> .m <sup>2</sup> )	((Dyne □second) / centimetre <sup>5</sup> ) / metre <sup>2</sup> = (Dyne □second) / (centimetre <sup>5</sup> □metre <sup>2</sup> ) (1 dyne = 10 micronewton = 10 un) (e.g., systemic vascular resistance/body surface area)
ev	Electron volts (1 electron volt = 160.217 zeptojoules)
eq	Equivalent
f	Farad (capacitance)
fg	Femtogram
fL	Femtoliter
fmol	Femtomole
/mL	*Fibers / millilitre
g	Gram
g/d	*Gram / Day
g/dL	Gram / Decilitre
g/hr	Gram / Hour
g/(8.hr)	*Gram / 8 Hour Shift
g/kg	Gram / Kilogram (e.g., mass dose of medication per body weight)
g/(kg.d)	(Gram / Kilogram) / Day = gram / (kilogram □day) (e.g., mass dose of medication per body weight per day)
g/(kg.hr)	(Gram / Kilogram) / Hour = gram / (kilogram □hour) (e.g., mass dose of medication per body weight per hour)
g/(8.kg.hr)	(Gram / Kilogram) / 8 Hour Shift = gram / (kilogram □8 hour shift) (e.g., mass dose of medication per body weight per 8 hour shift)
g/(kg.min)	(Gram / Kilogram) / Minute = gram / (kilogram □minute) (e.g., mass dose of medication per body weight per minute)
g/L	Gram / Litre

Code/Abbreviation.	Name
g/m <sup>2</sup>	Gram / Metre <sup>2</sup> (e.g., mass does of medication per body surface area)
g/min	Gram / Minute
g.m/(hb)	Gram $\square$ metre / heart beat (e.g., ventricular stroke work)
g.m/((hb).m <sup>2</sup> )	(Gram $\square$ metre/ heartbeat) / metre <sup>2</sup> = (gram $\square$ metre) / (heartbeat $\square$ metre <sup>2</sup> ) (e.g., ventricular stroke work/body surface area, ventricular stroke work index)
g(creat)	*Gram creatinine
g(hgb)	*Gram hemoglobin
g.m	Gram metre
g(tot_nit)	*Gram total nitrogen
g(tot_prot)	*Gram total protein
g(wet_tis)	*Gram wet weight tissue
gy	Grey (absorbed radiation dose)
hL	Hectalitre = 10 <sup>2</sup> litre
h	Henry
in	Inches
in_hg	Inches of Mercury (=Hg)
iu	*International Unit
iu/d	*International Unit / Day
iu/hr	*International Unit / Hour
iu/kg	International Unit / Kilogram
iu/L	*International Unit / Litre
iu/mL	*International Unit / Millilitre
iu/min	*International Unit / Minute
j/L	Joule/litre (e.g., work of breathing)
kat	*Katal
kat/kg	*Katal / Kilogram
kat/L	*Katal / Litre
k/watt	Kelvin per watt
(kcal)	Kilocalorie (1 kcal = 6.693 kilojoule)
(kcal)/d	*Kilocalorie / Day
(kcal)/hr	*Kilocalorie / Hour
(kcal)/(8.hr)	*Kilocalorie / 8 Hours Shift
kg	Kilogram
kg(body_wt)	*Kilogram body weight
kg/m <sup>3</sup>	Kilogram per cubic metre
kh/h	Kilogram per hour

Code/Abbreviation.	Name
kg/L	Kilogram / litre
kg/min	Kilogram per minute
kg/mol	Kilogram / mole
kg/s	Kilogram / second
kg/(s.m2)	(Kilogram / second)/ metre <sup>2</sup> = kilogram / (second $\square$ metre <sup>2</sup> )
kg/ms	Kilogram per square metre
kg.m/s	Kilogram metre per second
kpa	Kilopascal (1 mmHg = 0.1333 kilopascals)
ks	Kilosecond
(ka_u)	King-Armstrong Unit
(knk_u)	*Kunkel Units
L	Litre
L/d	*Litre / Day
L/hr	Litre / hour
L/(8.hr)	*Litre / 8 hour shift
L/kg	Litre / kilogram
L/min	Litre / minute
L/(min.m2)	(Litre / minute) / metre <sup>2</sup> = litre / (minute $\square$ metre <sup>2</sup> ) (e.g., cardiac output/body surface area = cardiac index)
L/s	Litre / second (e.g., peak expiratory flow)
L.s	Litre / second / second <sup>2</sup> = litre $\square$ second
lm	Lumen
lm/m2	Lumen / Metre <sup>2</sup>
(mclg_u)	*MacLagan Units
mas	Megasecond
m	Metre
m2	Metre <sup>2</sup> (e.g., body surface area)
m/s	Metre / Second
m/s2	Metre / Second <sup>2</sup>
ueq	*Microequivalents
ug	Microgram
ug/d	Microgram / Day
ug/dL	Microgram / Decilitre
ug/g	Microgram / Gram
ug/hr	*Microgram / Hour
ug(8hr)	Microgram / 8 Hour Shift
ug/kg	Microgram / Kilogram
ug/(kg.d)	(Microgram / Kilogram) /Day = microgram / (kilogram $\square$ day)

Code/Abbreviation.	Name
	(e.g., mass dose of medication per Patient body weight per day)
ug/(kg.hr)	(Microgram / Kilogram) / Hour = microgram / (kilogram $\square$ hours) (e.g., mass dose of medication per Patient body weight per hour)
ug/(8.hr.kg)	(Microgram / Kilogram) / 8 hour shift = microgram / (kilogram $\square$ 8 hour shift) (e.g., mass dose of medication per Patient body weight per 8 hour shift)
ug/(kg.min)	(Microgram / Kilogram) / Minute = microgram / (kilogram $\square$ minute) (e.g., mass dose of medication per Patient body weight per minute)
ug/L	Microgram / Litre
ug/m <sup>2</sup>	Microgram / Metre <sup>2</sup> (e.g., mass dose of medication per Patient body surface area)
ug/min	Microgram / Minute
uiu	*Micro international unit
ukat	*Microkatel
um	Micrometre (Micron)
umol	Micromole
umol/d	Micromole / Day
umol/L	Micromole / Litre
umol/min	Micromole / Minute
us	Microsecond
uv	Microvolt
mbar	Millibar (1 millibar = 100 pascals)
mbar.s/L	Millibar / (litre / second) =(millibar $\square$ second) / litre (e.g., expiratory resistance)
meq	*Milliequivalent
meq/d	*Milliequivalent / Day
meq/hr	*Milliequivalent / Hour
meq/(8.hr)	Milliequivalent / 8 Hour Shift
meq/kg	Milliequivalent / Kilogram (e.g. dose of medication in milliequivalents per Patient body weight)
meq/(kg.d)	(Milliequivalents / Kilogram) / Day = milliequivalents / (kilogram $\square$ day) (e.g. dose of medication in milliequivalents per Patient body weight per day)
meq/(kg.hr)	(Milliequivalents / Kilogram) / Hour = milliequivalents / (kilogram $\square$ hour) (e.g. dose of medication in milliequivalents per Patient body weight per hour)
meq/(8.hr.kg)	(Milliequivalents / Kilogram) / 8 Hour Shift = milliequivalents / (kilogram $\square$ 8 hour shift) (e.g. dose of medication in milliequivalents per Patient body weight per 8 hour shift)
meq/(kg.min)	(Milliequivalents / Kilogram) / Minute = milliequivalents / (kilogram $\square$ minute) (e.g. dose of medication in milliequivalents per Patient body weight per minute)

Code/Abbreviation.	Name
meq/L	Milliequivalent / Litre
meq/m <sup>2</sup>	Milliequivalent / Metre <sup>2</sup> (e.g. dose of medication in milliequivalents per Patient body surface area)
meq/min	Milliequivalent / Minute
mg	Milligram
mg/m <sup>3</sup>	Milligram / Metre <sup>3</sup>
mg/d	Milligram / Day
mg/dL	Milligram / Decilitre
mg/hr	Milligram / Hour
mg/(8.hr)	Milligram / 8 Hour shift
mg/kg	Milligram / Kilogram
mg/(kg.d)	(Milligram / Kilogram) / Day = milligram / (kilogram $\square$ day) (e.g. mass dose of medication per Patient body weight per day)
mg/(kg.hr)	(Milligram / Kilogram) / Hour = milligram / (kilogram $\square$ hour) (e.g., mass dose of medication per Patient body weight per hour)
mg/(8.hr.kg)	(Milligram / Kilogram) / 8 Hour Shift = milligram / (kilogram $\square$ 8 hour shift) (e.g. mass dose of medication per Patient body weight per 8 hour shift)
mg/(kg.min)	(Milligram / Kilogram) / Minute = milligram / (kilogram $\square$ minute) (e.g. mass dose of medication per Patient body weight per hour)
mg/L	Milligram / Litre
mg/m <sup>2</sup>	Milligram / Metre <sup>2</sup> (e.g., mass dose of medication per Patient body surface area)
mg/min	Milligram / Minute
mL	Millilitre
mL/cm <sub>h20</sub>	Millilitre / Centimetres of Water (H <sub>2</sub> O) (e.g. dynamic lung compliance)
mL/d	*Millilitre / Day
mL/(hb)	Millilitre / Heart Beat (e.g. stroke volume)
mL/((hb).m <sup>2</sup> )	(Millilitre / Heart Beat) / Metre <sup>2</sup> = Millilitre / (Heart Beat $\square$ Metre <sup>2</sup> ) (e.g. ventricular stroke volume index)
mL/hr	*Millilitre / Hour
mL/(8.hr)	*Millilitre / 8 Hour Shift
mL/kg	Millilitre / Kilogram (e.g. volume dose of medication or treatment per Patient body weight)
mL/(kg.d)	(Millilitre / Kilogram) / Day = millilitre / (kilogram $\square$ day) (e.g. volume dose of medication or treatment per Patient body weight per day)
mL/(kg.hr)	(Millilitre / Kilogram) / Hour = millilitre / (kilogram $\square$ hour) (e.g. volume dose of medication or treatment per Patient body weight per hour)
mL/(8.hr.kg)	(Millilitre / Kilogram) / 8 Hour Shift = millilitre / (kilogram $\square$ 8 hour

Code/Abbreviation.	Name
	shift) (e.g. volume dose of medication or treatment per body weight per 8 hour shift)
mL/(kg.min)	(Millilitre / Kilogram) / Minute = millilitre / (kilogram $\square$ minute) (e.g. volume dose of medication or treatment per Patient body weight per minute)
mL/m <sup>2</sup>	Millilitre / Metre <sup>2</sup> (e.g. volume of medication or other treatment per Patient body surface area)
mL/mbar	Millilitre / Millibar (e.g. dynamic lung compliance)
mL/min	Millilitre / Minute
mL/(min.m <sup>2</sup> )	(Millilitre / Minute) / Metre <sup>2</sup> = millilitre / (minute $\square$ metre <sup>2</sup> ) (e.g. millilitres of prescribed infusion per body surface area; oxygen consumption index)
mL/s	Millilitre / Second
mm	Millimetre
mm(hg)	*Millimetre (HG) (1 mm Hg = 133.322 kilopascals)
mm/hr	Millimetre/ Hour
mmol/kg	Millimole / Kilogram (e.g. molar dose of medication per Patient body weight)
mmol/(kg.d)	(Millimole / Kilogram) / Day = millimole / (kilogram $\square$ day) (e.g. molar dose of medication per Patient body weight per day)
mmol/(kg.hr)	(Millimole / Kilogram) / Hour = millimole / (kilogram $\square$ hour) (e.g. molar dose of medication per Patient body weight per hour)
mmol/(8.hr.kg)	(Millimole / Kilogram) / 8 Hour Shift = millimole / (kilogram $\square$ 8 hour shift) (e.g. molar dose of medication per Patient body weight per 8 hour shift)
mmol/(kg.min)	(Millimole / Kilogram) / Minute = millimole / (kilogram $\square$ minute) (e.g. molar dose of medication per Patient body weight per minute)
mmol/L	Millimole / Litre
mmol/hr	Millimole / Hour
mmol/(8hr)	Millimole / 8 Hour Shift
mmol/min	Millimole / Minute
mmol/m <sup>2</sup>	Millimole / Metre <sup>2</sup> (e.g. molar dose of medication per Patient body surface area)
mosm/L	*Milliosmole / Litre
ms	Milliseconds
mv	Millivolts
miu/mL	*Milliunit / Millilitre
mol/m <sup>3</sup>	Mole per cubic metre
mol/kg	Mole / Kilogram
mol/(kg.s)	(Mole / Kilogram) / Second = mole / (kilogram $\square$ second)
mol/L	Mole / Litre

Code/Abbreviation.	Name
mol/s	Mole / Second
ng	Nanogram
ng/d	Nanogram / Day
ng/hr	*Nanogram / Hour
ng/(8.hr)	Nanogram / 8 Hour shift
ng/L	Nanogram / Litre
ng/kg	Nanogram / Kilogram (e.g. mass dose of medication per Patient body weight)
ng/(kg.d)	(Nanogram / Kilogram) / Day = nanogram / (kilogram $\square$ day) (e.g. mass dose of medication per Patient body weight per day)
ng/(kg.hr)	(Nanogram / Kilogram) / Hour = nanogram / (kilogram $\square$ hour) (e.g. mass dose of medication per Patient body weight per hour)
ng/(8.hr.kg)	(Nanogram / Kilogram) / 8 Hour Shift = nanogram / (kilogram $\square$ 8 hour shift) (e.g. mass dose of medication per Patient body weight per 8 hour shift)
ng/(kg.min)	(Nanogram / Kilogram) / Minute = nanogram / (kilogram $\square$ minute) (e.g. mass dose of medication per Patient body weight per minute)
ng/m <sup>2</sup>	Nanogram / Metre <sup>2</sup> (e.g. mass dose of medication per Patient body surface area)
ng/mL	Nanogram / Millilitre
ng/min	*Nanogram / Minute
ng/s	*Nanogram / Second
nkat	*Nanokatel
nm	Nanometre
nmol/s	Nanomole / Second
ns	Nanosecond
n	Newton (force)
n.s	Newton second
(od)	*O.D. (optical density)
ohm	Ohm (electrical resistance)
ohm.m	Ohm metre
osmol	Osmole
osmol/kg	Osmole per kilogram
osmol/L	Osmole per litre
/m <sup>3</sup>	*Particles / Metre <sup>3</sup>
/L	*Particles / Litre
/(tot)	*Particles / Total Count
(ppb)	*Parts Per Billion

Code/Abbreviation.	Name
(ppm)	*Parts Per Million
(ppth)	Parts per thousand
(ppt)	Parts per trillion ( $10^{12}$ )
pal	Pascal (pressure)
/(hpf)	*Per High Power Field
(ph)	*pH
pa	Picoampere
pg	Picogram
pg/L	Picogram / Litre
pg/mL	Picogram / Millilitre
pkat	*Picokatal
pm	Picometre
pmol	*Picomole
ps	Picosecond
pt	Picotesla
(pu)	*P.U.
%	Percent
dm <sup>2</sup> /s <sup>2</sup>	Rem (roentgen equivalent man) = $10^{-2}$ metre <sup>2</sup> / second <sup>2</sup> = decimetre <sup>2</sup> / second <sup>2</sup> dose of ionizing radiation equivalent to 1 rad of x-ray or gamma ray [From Dorland's Medical Dictionary]
sec	Seconds of arc
sie	Siemens (electrical conductance)
sv	Sievert
m <sup>2</sup> /s	Square metre / second
cm <sup>2</sup> /s	Square centimetre / second
t	Tesla (magnetic flux density)
(td_u)	Todd Unit
v	Volt (electric potential difference)
1	Volume Fraction
wb	Weber (magnetic flux)

**Table B 10: Common ISO Derived Units and ISO+ Extensions**

\* Starred items are not genuine ISO, but do not conflict.

† This approach to units is discouraged by IUPAC. We leave them solely for backward compatibility.

HL7 Table 0292 – Vaccines Administered (code = CVX) (parenteral, unless oral is noted)

Code	Description	Full Vaccine Name
54	adenovirus, type 4	adenovirus vaccine, type 4, live, oral
55	adenovirus, type 7	adenovirus vaccine, type 7, live, oral

Code	Description	Full Vaccine Name
82	adenovirus, NOS <sup>1</sup>	adenovirus vaccine, NOS <sup>1</sup>
24	anthrax	anthrax vaccine
19	BCG	Bacillus Calmette-Guerin vaccine
27	botulinum antitoxin	botulinum antitoxin
26	cholera	cholera vaccine
29	CMVIG	cytomegalovirus immune globulin, intravenous
56	dengue fever	dengue fever vaccine
12	diphtheria antitoxin	diphtheria antitoxin
28	DT (pediatric)	diphtheria and tetanus toxoids, adsorbed for pediatric use
20	DTaP	diphtheria, tetanus toxoids and acellular pertussis vaccine
50	DTaP-Hib	DTaP- <i>Haemophilus influenzae</i> type b conjugate vaccine
01	DTP	diphtheria, tetanus toxoids and pertussis vaccine
22	DTP-Hib	DTP- <i>Haemophilus influenzae</i> type b conjugate vaccine
57	hantavirus	hantavirus vaccine
52	Hep A, adult	hepatitis A vaccine, adult dosage
83	Hep A, ped/adol, 2 dose	hepatitis A vaccine, pediatric/adolescent dosage, 2 dose schedule
84	Hep A, ped/adol, 3 dose	hepatitis A vaccine, pediatric/adolescent dosage, 3 dose schedule
31	Hep A, pediatric, NOS <sup>1</sup>	hepatitis A vaccine, pediatric dosage, NOS <sup>1</sup>
85	Hep A, NOS <sup>1</sup>	hepatitis A vaccine, NOS <sup>1</sup>
30	HBIG	hepatitis B immune globulin
08	Hep B, adolescent or pediatric	hepatitis B vaccine, pediatric or pediatric/adolescent dosage
42	Hep B, adolescent/high risk infant	hepatitis B vaccine, adolescent/high risk infant dosage
43	Hep B, adult	hepatitis B vaccine, adult dosage
44	Hep B, dialysis	hepatitis B vaccine, dialysis Patient dosage
45	Hep B, NOS <sup>1</sup>	hepatitis B vaccine, NOS <sup>1</sup>
58	Hep C	hepatitis C vaccine
59	Hep E	hepatitis E vaccine
60	herpes simplex 2	herpes simplex virus, type 2 vaccine
46	Hib (PRP-D)	<i>Haemophilus influenzae</i> type b vaccine, PRP-D conjugate
47	Hib (HbOC)	<i>Haemophilus influenzae</i> type b vaccine, HbOC conjugate
48	Hib (PRP-T)	<i>Haemophilus influenzae</i> type b vaccine, PRP-T

Code	Description	Full Vaccine Name
		conjugate
49	Hib (PRP-OMP)	<i>Haemophilus influenzae</i> type b vaccine, PRP-OMP conjugate
17	Hib, NOS <sup>1</sup>	<i>Haemophilus influenzae</i> type b vaccine, conjugate NOS <sup>1</sup>
51	Hib-Hep B	<i>Haemophilus influenzae</i> type b conjugate and Hepatitis B vaccine
61	HIV	human immunodeficiency virus vaccine
62	HPV	human papilloma virus vaccine
86	IG	immune globulin, intramuscular
87	IGIV	immune globulin, intravenous
14	IG, NOS <sup>1</sup>	immune globulin, NOS <sup>1</sup>
15	influenza, split (incl. purified surface antigen)	influenza virus vaccine, split virus (incl. purified surface antigen)
16	influenza, whole	influenza virus vaccine, whole virus
88	influenza, NOS <sup>1</sup>	influenza virus vaccine, NOS <sup>1</sup>
10	IPV	poliovirus vaccine, inactivated
02	OPV	poliovirus vaccine, live, oral
89	polio, NOS <sup>1</sup>	poliovirus vaccine, NOS <sup>1</sup>
39	Japanese encephalitis	Japanese encephalitis vaccine
63	Junin virus	Junin virus vaccine
64	leishmaniasis	leishmaniasis vaccine
65	leprosy	leprosy vaccine
66	Lyme disease	Lyme disease vaccine
03	MMR	measles, mumps and rubella virus vaccine
04	M/R	measles and rubella virus vaccine
94	MMRV	measles, mumps, rubella, and varicella virus vaccine
67	malaria	malaria vaccine
05	measles	measles virus vaccine
68	melanoma	melanoma vaccine
32	meningococcal	meningococcal polysaccharide vaccine
07	mumps	mumps virus vaccine
69	parainfluenza-3	parainfluenza-3 virus vaccine
11	pertussis	pertussis vaccine
23	plague	plague vaccine
33	pneumococcal	pneumococcal polysaccharide vaccine
100	pneumococcal conjugate	pneumococcal conjugate vaccine, polyvalent
70	Q fever	Q fever vaccine

Code	Description	Full Vaccine Name
18	rabies, intramuscular injection	rabies vaccine, for intramuscular injection
40	rabies, intradermal injection	rabies vaccine, for intradermal injection
90	rabies, NOS <sup>1</sup>	rabies vaccine, NOS <sup>1</sup>
72	rheumatic fever	rheumatic fever vaccine
73	Rift Valley fever	Rift Valley fever vaccine
34	RIG	rabies immune globulin
74	rotavirus	rotavirus vaccine, tetravalent, live, oral
71	RSV-IGIV	respiratory syncytial virus immune globulin, intravenous
93	RSV-Mab	respiratory syncytial virus monoclonal antibody (palivizumab), intramuscular
06	rubella	rubella virus vaccine
38	rubella/mumps	rubella and mumps virus vaccine
75	smallpox	smallpox vaccine
76	<i>Staphylococcus</i> bacterio lysate	<i>Staphylococcus</i> bacteriophage lysate
09	Td (adult)	tetanus and diphtheria toxoids, adsorbed for adult use
35	tetanus toxoid	tetanus toxoid
77	tick-borne encephalitis	tick-borne encephalitis vaccine
13	TIG	tetanus immune globulin
95	TST-OT tine test	tuberculin skin test; old tuberculin, multipuncture device
96	TST-PPD	intradermal tuberculin skin test; purified protein derivative solution, intradermal
97	TST-PPD tine test	tuberculin skin test; purified protein derivative, multipuncture device
98	TST, NOS <sup>1</sup>	tuberculin skin test; NOS <sup>1</sup>
78	tularemia vaccine	tularemia vaccine
25	typhoid, oral	typhoid vaccine, live, oral
41	typhoid, parenteral	typhoid vaccine, parenteral, other than acetone-killed, dried
53	typhoid, parenteral, AKD (U.S. military)	typhoid vaccine, parenteral, acetone-killed, dried (U.S. military)
101	typhoid, ViCPs	Typhoid Vi capsular polysaccharide vaccine
91	typhoid, NOS <sup>1</sup>	typhoid vaccine, NOS <sup>1</sup>
79	vaccinia immune globulin	vaccinia immune globulin
21	varicella	varicella virus vaccine
81	VEE, inactivated	Venezuelan equine encephalitis, inactivated

<sup>1</sup> NOS = not otherwise specified; avoid using NOS codes except to record historical records that lack the indicated specificity.

Code	Description	Full Vaccine Name
80	VEE, live	Venezuelan equine encephalitis, live, attenuated
92	VEE, NOS <sup>1</sup>	Venezuelan equine encephalitis vaccine, NOS <sup>1</sup>
36	VZIG	varicella zoster immune globulin
37	yellow fever	yellow fever vaccine
999	unknown	unknown vaccine or immune globulin
99	RESERVED – do not use	RESERVED – do not use

**Table B 11: HL7 Table 0292 – Vaccines Administered (code = CVX) (parenteral, unless oral is noted)**

HL7 Table 0550 – Body Parts

Value	Description	Value	Description
ADB	Abdomen	ISH	Loop, Ishial
ACET	Acetabulum	LUMBA	Lumbar
ACHIL	Achilles	LMN	Lumen
ADE	Adenoids	LUNG	Lung
ADR	Adrenal	LN	Lymph Node
AMN	Amniotic fluid	LNG	Lymph Node Groin
AMS	Amniotic Sac	LYM	Lymphocytes
ANAL	Anal	MAC	Macrophages
ANKL	Ankle	MALLE	Malleolus
ANTEC	Antecubital	MANDI	Mandible/Mandibular
ANTECF	Antecubital Fossa	MAR	Marrow
ANTR	Antrum	MAST	Mastoid
ANUS	Anus	MAXIL	Maxilla/Maxillary
AORTA	Aorta	MAXS	Maxillary Sinus
AR	Aortic Rim	MEATU	Meatus
AV	Aortic Valve	MEC	Meconium
APDX	Appendix	MEDST	Mediastinum
AREO	Areola	MEDU	Medullary
ARM	Arm	MOU	Membrane
ARTE	Artery	MPB	Meninges
ASCIT	Ascites	METAC	Metacarpal
ASCT	Ascitic Fluid	METAT	Metatarsal
ATR	Atrium	MILK	Milk, Breast
AURI	Auricular	MITRL	Mitral Valve
AXI	Axilla	MOLAR	Molar
BACK	Back	MP	Mons Pubis

Value	Description	Value	Description
BARTD	Bartholin Duct	MONSU	Mons Ureteris
BARTG	Bartholin Gland	MONSV	Mons, Veneris (Mons Pubis)
BRTGF	Bartholin Gland Fluid	MOUTH	Mouth
BPH	Basophils	MRSA2	Mrsa:
BID	Bile Duct	MYO	Myocardium
BIFL	Bile fluid	NAIL	Nail
BLAD	Bladder	NAILB	Nail Bed
BLOOD	Blood	NAILF	Nail, Finger
BLDA	Blood, Arterial	NAILT	Nail, Toe
BLDC	Blood, Capillary	NARES	Nares
BLDV	Blood, Venous	NASL	Nasal
CBLD	Blood, Cord	NSS	Nasal Septum
BLD	Blood, Whole	NLACR	Nasolacrimal
BDY	Body, Whole	NP	Nasopharyngeal
BON	Bone	NP	Nasopharynx
BMAR	Bone marrow	NTRAC	Nasotracheal
BOWEL	Bowel	NAVEL	Navel
BOWLA	Bowel, Large	NECK	Neck
BOWSM	Bowel, Small	NERVE	Nerve
BRA	Brachial	NIPPL	Nipple
BRAIN	Brain	NOSE	Nose
BCYS	Brain Cyst Fluid	NOS	Nose (Nasal Passage)
BRST	Breast	NOSE	Nose (Outside)
BRSTFL	Breast fluid	NOSTR	Nostril
BRO	Bronchial	OCCIP	Occipital
BROCH	Bronchiole/Bronchiolar	OLECR	Olecranon
BRONC	Bronchus/Bronchial	OMEN	Omentum
BRV	Broviac	ORBIT	Orbit/Orbital
BUCCA	Buccal	ORO	Oropharynx
BURSA	Bursa	OSCOX	Os Coxa (pelvic girdle)
BURSF	Bursa Fluid	OVARY	Ovary
BUTT	Buttocks	PALAT	Palate
CALF	Calf	PLATH	Palate, Hard
CANAL	Canal	PLATS	Palate, Soft
CANLI	Canaliculis	PALM	Palm
CNL	Cannula	PANCR	Pancreas
CANTH	Canthus	PAFL	Pancreatic Fluid

Value	Description	Value	Description
CDM	Cardiac Muscle	PAS	Parasternal
CARO	Carotid	PARAT	Paratracheal
CARP	Carpal	PARIE	Parietal
CAVIT	Cavity	PARON	Paronychia
CHE	Cavity, Chest	PAROT	Parotid
CECUM	Cecum/Cecal	PAROT	Parotid Gland
CSF	Cerebral Spinal Fluid	PATEL	Patella
CVX	Cervix	PELV	Pelvis
CERVUT	Cervix/Uterus	PENSH	Penile Shaft
CHEEK	Cheek	PENIS	Penis
CHES	Chest	PANAL	Perianal/Perirectal
CHEST	Chest Tube	PERI	Pericardial Fluid
CHIN	Chin	PCARD	Pericardium
CIRCU	Circumcision Site	PCLIT	Periclitoral
CLAVI	Clavicle/Clavicular	PERIH	Perihepatic
CLITO	Clitoral	PNEAL	Perineal
CLIT	Clitoris	PERIN	Perineal Abscess
COCCG	Coccygeal	PNEPH	Perinephric
COCCY	Coccyx	PNM	Perineum
COLON	Colon	PORBI	Periorbital
COLOS	Colostomy	PERRA	Perirectal
COS	Colostomy Stoma	PERIS	Perisplenic
CDUCT	Common Duct	PER	Peritoneal
CONJ	Conjunctiva	PERT	Peritoneal Fluid
CORAL	Coral	PERIT	Peritoneum
COR	Cord	PTONS	Peritonsillar
CORD	Cord Blood	PERIU	Periurethal
CORN	Cornea	PERIV	Perivesicular
CRANE	Cranium, ethmoid	PHALA	Phalanx
CRANF	Cranium, frontal	PILO	Pilonidal
CRANO	Cranium, occipital	PINNA	Pinna
CRANP	Cranium, parietal	PLC	Placenta
CRANS	Cranium, sphenoid	PLACF	Placenta (Fetal Side)
CRANT	Cranium, temporal	PLACM	Placenta (Maternal Side)
CUBIT	Cubitus	PLANT	Plantar
CUFF	Cuff	PLEUR	Pleura
CULD	Cul De Sac	PLEU	Pleural Fluid

Value	Description	Value	Description
CULDO	Culdocentesis	PLR	Pleural Fluid (Thoracentesis Fid)
DELT	Deltoid	POPLI	Popliteal
DENTA	Dental	PREAU	Preauricular
DEN	Dental Gingiva	PRERE	Prerenal
DIAF	Dialysis Fluid	PRST	Prostate Gland
DPH	Diaphragm	PROS	Prostatic Fluid
DIGIT	Digit	PUBIC	Pubic
DISC	Disc	PUL	Pulmonary Artery
DORS	Dorsum/Dorsal	RADI	Radial
DUFL	Duodenal Fluid	RADIUS	Radius
DUODE	Duodenum/Duodenal	RECTL	Rectal
DUR	Dura	RECTU	Rectum
EAR	Ear	RBC	Red Blood Cells
EARBI	Ear bone, incus	RENL	Renal
EARBM	Ear bone, malleus	RNP	Renal Pelvis
EARBS	Ear bone, stapes	RPERI	Retroperitoneal
EARLO	Ear Lobe	RIB	Rib
ELBOW	Elbow	SACRA	Sacral
ELBOWJ	Elbow Joint	SACRO	Sacrococcygeal
ENDC	Endocardium	SACIL	Sacroiliac
EC	Endocervical	SACRU	Sacrum
EOLPH	endolphthamitis	SALGL	Salivary Gland
ENDM	Endometrium	SCALP	Scalp
ET	Endotracheal	SCAPU	Scapula/Scapular
EUR	Endourethral	SCLER	Sclera
EOS	Eosinophils	SCROT	Scrotum/Scrotal
EPICA	Epicardial	SEMN	Semen
EPICM	Epicardium	SEM	Seminal Fluid
EPD	Epididymis	SEPTU	Septum/Septal
EPIDU	Epidural	SEROM	Seroma
EPIGL	Epiglottis	SHIN	Shin
ESOPG	Esophageal	SHOLJ	Shoulder Joint
ESO	Esophagus	SHOL	Shoulder
ETHMO	Ethmoid	SIGMO	Sigmoid
External	Jugular	SINUS	Sinus
EYE	Eye	SKM	Skeletal Muscle
BROW	Eyebrow	SKENE	Skene's Gland

Value	Description	Value	Description
EYELI	Eyelid	SKULL	Skull
FACE	Face	INSTS	Intestine, Small
FBINC	Facial bone, inferior nasal concha	SOLE	Sole
FBLAC	Facial bone, lacrimal	SPRM	Spermatozoa
FBMAX	Facial bone, maxilla	SPHEN	Sphenoid
FBNAS	Facial bone, nasal	SPCOR	Spinal Cord
FBPAL	Facial bone, palatine	SPLN	Spleen
FBVOM	Facial bone, vomer	STER	Sternum/Sternal
FBZYG	Facial bone, zygomatic	STOM	Stoma
FALLT	Fallopian Tube	USTOM	Stoma, Urinary
FEMOR	Femoral	STOMA	Stomach
FMH	Femoral Head	STUMP	Stump
FEMUR	Femur	SCLV	Sub Clavian
FET	Fetus	SDP	Subdiaphragmatic
FIBU	Fibula	SUB	Subdural
FING	Finger	SUBD	Subdural Fluid
FINGN	Finger Nail	SGF	Subgaleal Fluid
FOL	Follicle	SUBM	Submandibular
FOOT	Foot	SUBX	Submaxillary
FOREA	Forearm	SUBME	Submental
FOREH	Forehead	SUBPH	Subphrenic
FORES	Foreskin	SPX	Supra Cervical
FOURC	Fourchette	SCLAV	Supraclavicle/Supraclavicular
GB	Gall Bladder	SUPRA	Suprapubic
GEN	Genital	SUPB	Suprapubic Specimen
GVU	Genital - Vulva	SWT	Sweat
GENC	Genital Cervix	SWTG	Sweat Gland
GL	Genital Lesion	SYNOL	Synovial
GENL	Genital Lochia	SYN	Synovial Fluid
GLAND	Gland	SYNOV	Synovium
GLANS	Glans	TARS	Tarsal
GLUTE	Gluteal	TDUCT	Tear Duct
GLUT	Gluteus	TEAR	Tears
GLUTM	Gluteus Medius	TEMPL	Temple
GROIN	Groin	TEMPO	Temporal
GUM	Gum	TML	Temporal Lobe
HAR	Hair	TESTI	Testicle(Testis)

Value	Description	Value	Description
HAL	Hallux	THIGH	Thigh
HAND	Hand	THORA	Thoracentesis
HEAD	Head	THORA	Thorax/Thoracic
HART	Heart	THRB	Throat
HV	Heart Valve	THUMB	Thumb
HVB	Heart Valve, Bicuspid	TNL	Thumbnail
HVT	Heart Valve, Tricuspid	THM	Thymus
HEEL	Heel	THYRD	Thyroid
HEM	Hemorrhoid	TIBIA	Tibia
HIP	Hip	TOE	Toe
HIPJ	Hip Joint	TOEN	Toe Nail
HUMER	Humerus	TONG	Tongue
HYMEN	Hymen	TONS	Tonsil
ILC	Ileal Conduit	TOOTH	Tooth
ILE	Ileal Loop	TSK	Tooth Socket
ILEOS	Ileostomy	TRCHE	Trachea/Tracheal
ILEUM	Ileum	TBRON	Transbronchial
ILIAC	Iliac	TCN	Transcarina Asp
ILCR	Iliac Crest	ULNA	Ulna/Ulnar
ILCON	Ilical Conduit	UMB	Umbilical Blood
INGUI	Inguinal	UMBL	Umbilicus
JUGI	Jugular, Internal	UMBL	Umbilicus/Umbilical
INT	Intestine	URET	Ureter
ICX	Intracervical	URTH	Urethra
INASA	Intranasal	UTERI	Uterine
INTRU	Intrauterine	SAC	Uterine Cul De Sac
INTRO	Introitus	UTER	Uterus
ISCHI	Ischium	VAGIN	Vagina/Vaginal
JAW	Jaw	VCUFF	Vaginal Cuff
KIDN	Kidney	VGW	Vaginal Vault
KNEE	Knee	VAL	Valve
KNEEF	Knee Fluid	VAS	Vas Deferens
KNEEJ	Knee Joint	VASTL	Vastus Lateralis
LABIA	Labia	VAULT	Vault
LABMA	Labia Majora	VEIN	Vein
LABMI	Labia Minora	VENTG	Ventragluteal
LACRI	Lacrimal	VCSF	Ventricular CSF

Value	Description	Value	Description
LAM	Lamella	VERMI	Vermis Cerebelli
INSTL	Intestine, Large	VERTC	Vertebra, Cervical
LARYN	Larynx	VERTL	Vertebra, Lumbar
LEG	Leg	VERTT	Vertebra, thoracic
LENS	Lens	VESI	Vesicle
WBC	Leukocytes	VESCL	Vesicular
LING	Lingual	VESFLD	Vesicular Fluid
LINGU	Lingula	VESTI	Vestibule(Genital)
LIP	Lip	VITR	Vitreous Fluid
STOOLL	Liquid Stool	VOC	Vocal Cord
LIVER	Liver	VULVA	Vulva
LOBE	Lobe	WRIST	Wrist
LOCH	Lochia		

**Table B 12: HL7 Table 0550 Body Parts**

## User Defined Table 0171 – Citizenship (Iwi)

Iwi is a hierarchical classification with two levels.

The first level represents Iwi region (rohe) and has nineteen categories. It is to be used for summary purposes only, and does not imply any future or present confederation of Iwi.

The second level shows individual Iwi and has 128 categories.

Eleven of the level 1 categories represent specific regions, while ninety-five of the level 2 categories represent specific Iwi.

The remaining categories allow for respondents who:

- state an Iwi, the name of which is common to more than one region, but do not specify the region,
- give a geographic area without specifying an Iwi,
- respond with a hapū that is affiliated to more than one Iwi,
- respond with a waka or Iwi confederation,
- do not know the name of their Iwi,
- refuse to answer the question,
- give a response that cannot be identified as a specific Iwi or region,
- give a response that does not meet the definition of an Iwi,
- do not answer the question.

Code Identifier	Code Description
01	Te Tai Tokerau/Tāmaki-makaurau (Northland/Auckland) Region
0100	Te Tai Tokerau/Tāmaki-makaurau (Northland/Auckland) Region not further defined
0101	Te Aupōuri
0102	Ngāti Kahu
0103	Ngāti Kurī
0104	Ngāpuhi
0105	Ngāpuhi ki Whāingaroa-Ngāti Kahu ki Whāingaroa
0106	Te Rarawa
0107	Ngāi Takoto
0108	Ngāti Wai
0109	Ngāti Whātua
0110	Te Kawerau
0111	Te Uri-o Hau
0112	Te Roroa
02	Hauraki (Coromandel) Region
0200	Hauraki (Coromandel) Region not further defined
0201	Ngāti Hako
0202	Ngāti Hei
0203	Ngāti Maru (Marutuahu)

Code Identifier	Code Description
0204	Ngāti Paoa
0205	Patukirikiri
0206	Ngāti Porou ki Harataunga ki Mataora
0207	Ngāti Pūkenga ki Waiau
0208	Ngāti Rāhiri Tumutumu
0209	Ngāti Tai
0210	Ngāti Tamaterā
0211	Ngāti Tara Tokanui
0212	Ngāti Whanaunga
03	Waikato/Te Rohe Pōtae (Waikato/King Country) Region
0300	Waikato/Te Rohe Pōtae (Waikato/King Country) Region not further defined
0301	Ngāti Hauhau (Waikato)
0302	Ngāti Maniapoto
0303	Ngāti Raukawa (Waikato)
0304	Waikato
04	Te Arawa/Taupō (Rotorua/Taupō) Region
0400	Te Arawa/Taupō (Rotorua/Taupō) Region not further defined
0401	Ngāti Pīkiao (Te Arawa)
0402	Ngāti Rangiteaorere (Te Arawa)
0403	Ngāti Rangitīhi (Te Arawa)
0404	Ngāti Rangiwewehi (Te Arawa)
0405	Tapuika (Te Arawa)
0406	Tarāwhai (Te Arawa)
0407	Tūhourangi (Te Arawa)
0408	Uenuku-Kōpako (Te Arawa)
0409	Waitaha (Te Arawa)
0410	Ngāti Whakaue (Te Arawa)
0411	Ngāti Tūwharetoa
0412	Ngāti Tahu (Te Arawa)
05	Tauranga Moana/Mātaatua (Bay of Plenty) Region
0500	Tauranga Moana/Mātaatua (Bay of Plenty) Region not further defined
0501	Ngāti Pūkenga
0502	Ngāiterangi
0503	Ngāti Ranginui
0504	Ngāti Awa
0505	Ngāti Manawa
0506	Ngāi Tai

Code Identifier	Code Description
0507	Tūhoe
0508	Whakatōhea
0509	Whānau-A-Apanui
0510	Ngāti Whare
06	Te Tai Rāwhiti (East Coast) Region
0600	Te Tai Rawhiti (East Coast) Region not further defined
0601	Ngāti Porou
0602	Te Aitanga-A-Māhaki
0603	Rongowhakaata
0604	Ngāi Tāmanuhiri
07	Te Matau-a-Māui/Wairarapa (Hawkes Bay/Wairarapa) Region
0700	Te Matau-a-Māui/Wairarapa (Hawkes Bay/Wairarapa) Region not further defined
0701	Rongomaiwahine (Te Māhia)
0702	Ngāti Kahungunu ki Te Wairoa
0703	Ngāti Kahungunu ki Heretaunga
0704	Ngāti Kahungunu ki Wairarapa
0705	Ngāti Kahungunu, region unspecified
0706	Rangitāne (Te Matau-a-Māui/Hawkes Bay/Wairarapa)
0707	Ngāti Kahungunu ki Whanganui a Orotu
0708	Ngāti Kahungunu ki Tamatea
0709	Ngāti Kahungunu ki Tamakinui a Rua
08	Taranaki (Taranaki) Region
0800	Taranaki (Taranaki) Region not further defined
0801	Te Atiawa (Taranaki)
0802	Ngāti Maru (Taranaki)
0803	Ngāti Mutunga (Taranaki)
0804	Ngā Rauru
0805	Ngā Ruahine
0806	Ngāti Ruanui
0807	Ngāti Tama (Taranaki)
0808	Taranaki
0809	Tangāhoe
0810	Pakakohi
09	Whanganui/Rangitīkei (Wanganui/Rangitīkei) Region
0900	Whanganui/Rangitīkei (Wanganui/Rangitīkei) Region not further defined
0901	Ngāti Apa (Rangitīkei)

Code Identifier	Code Description
0902	Te Ati Hau Nui-A-Päpärangi
0903	Ngāti Haua (Taumarunui)
0904	Ngāti Hauti
10	Manawatū/Horowhenua/Te Whanganui-a-Tara (Manawatū/Horowhenua/Wellington) Region
1000	Manawatū/Horowhenua/Te Whanganui-a-Tara (Manawatū/Horowhenua/Wellington) Region not further defined
1001	Te Atiawa (Te Whanganui-a-Tara /Wellington)
1002	Muaūpoko
1003	Rangitāne (Manawatū)
1004	Ngāti Raukawa (Horowhenua/Manawatū)
1005	Ngāti Toarangatira (Te Whanganui-a-Tara /Wellington)
1006	Te Atiawa ki Whakarongotai
11	Te Waipounamu/Wharekauri (South Island/Chatham Islands) Region
1100	Te Waipounamu/Wharekauri (South Island/Chatham Islands) Region not further defined
1101	Te Atiawa (Te Waipounamu/South Island)
1102	Ngāti Koata
1103	Ngāti Kuia
1104	Kāti Mamoe
1105	Moriori
1106	Ngāti Mutunga (Wharekauri/Chatham Islands)
1107	Rangitāne (Te Waipounamu/South Island)
1108	Ngāti Rārua
1109	Ngāi Tahu / Kāi Tahu
1110	Ngāti Tama (Te Waipounamu/South Island)
1111	Ngāti Toarangatira (Te Waipounamu/South Island)
1112	Waitaha (Te Waipounamu/South Island)
1113	Ngāti Apa ki te Waipounamu
20	Iwi Not Named, but Waka or Iwi Confederation Known
2001	Tainui
2002	Te Arawa
2003	Takitimu
2004	Aotea
2005	Mātaatua
2006	Mahuru
2007	Māmari
2008	Ngātokimatawhaorua

Code Identifier	Code Description
2009	Nukutere
2010	Tokomaru
2011	Kurahaupo
2012	Muriwhenua
2013	Hauraki / Pare Hauraki
2014	Turanganui a Kiwa
2015	Te Taihū o Te Waka a Māui
2016	Tauranga Moana
2017	Horouta
21	Iwi Named but Region Unspecified
2101	Te Atiawa, region unspecified
2102	Ngāti Haua, region unspecified
2103	Ngāti Maru, region unspecified
2104	Ngāti Mutunga, region unspecified
2105	Rangitāne, region unspecified
2106	Ngāti Raukawa, region unspecified
2107	Ngāti Tama, region unspecified
2108	Ngāti Toarangatira, region unspecified
2109	Waitaha, region unspecified
2110	Ngāti Apa, region unspecified
22	Hapū Affiliated to More Than One Iwi
2200	Hapū Affiliated to More Than One Iwi
44	Don't Know
4444	Don't Know
55	Refused to Answer
5555	Refused to Answer
77	Response Unidentifiable
7777	Response Unidentifiable
88	Response Outside Scope
8888	Response Outside Scope
99	Not Stated
9999	Not Stated

**Table B 13: User Defined Table 0171 - Citizenship (Iwi Affiliation)**