CDEMS Code Book

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The tables below provide information on the various data tables and fields within CDEMS. The “tbl” prefix denotes the main CDEMS tables which store data, while the “tlkp” prefix denotes tables storing drop-down lists and other registry controls.

tblCustom	Memo field for free text notes	
Field Name	**Data/Type**	**Description**
clinic_code	Text	used for sub-grouping of patient populations (identifies site at which care is being provided)
chart_number	Text	unique chart number for each patient
date	Date/Time	date on which custom note was entered
note	Memo	free text custom note

tblDemo	Demographic information	
Field Name	**Data Type**	**Description**
Patient_ID	AutoNumber	auto-generated ID used in the creation of de-identified data files
clinic_code	Text	used for sub-grouping of patient populations (identifies site at which care is being provided)
chart_number	Text	unique chart number for each patient
last_name	Text	last name
first_name	Text	first name
middle_name	Text	middle name
dob	Date/Time	date of birth
sex	Text	gender
ethnicity	Text	race/ethnicity
primary_language	Text	primary language
address1	Text	address line 1
address2	Text	address line 2
city	Text	city
state	Text	state
zip	Text	zip
phone1	Text	phone 1
phone2	Text	phone 2
pcp	Text	primary care provider
insurance	Text	insurance classification
_date	Date/Time	(reserved for later use)
start_date	Date/Time	date at which patient entered registry
end_date	Date/Time	date at which patient was made inactive within registry
last_update_date	Date/Time	date at which patient demographics were modified
migrant	Text	migrant status (yes/no)
homeless	Text	homeless status (yes/no)
other	Text	for storing semi permanent Dx and special facts
education	Text	educational attainment
visually_imp	Text	visually impaired (yes/no)
hearing_imp	Text	hearing impaired (yes/no)
low_literacy	Text	low literacy status (yes/no)
english_2ndlang	Text	English as a second language (yes/no)
occupation	Text	occupation
workplace	Text	workplace
email	Text	e-mail (patient)

county	Text	county of residence
group	Text	additional patient categorization (within clinic codes)

tblHealth	Health profile / diagnoses information	
Field Name	**Data Type**	**Description**
clinic_code	Text	used for sub-grouping of patient populations
chart_number	Text	unique chart number for each patient
raw_code	Text	health condition raw code
start_date	Date/Time	date at which Dx was added to patient health profile
end_date	Text	date at which Dx was removed (archived) from patient health profile
specialist	Text	(reserved for later use)
educator	Text	(reserved for later use)
comment	Text	(reserved for later use)
type_code	Text	Dx

tblLab	Laboratory information	
Field Name	**Data Type**	**Description**
clinic_code	Text	used for sub-grouping of patient populations
chart_number	Text	unique chart number for each patient
raw_code	Text	laboratory raw code
result	Text	laboratory result
service_date	Date/Time	date at which lab result was received
status_flag	Text	denotes whether lab was completed (c), declined (d), or referred (r)
type_code	Text	Lab

tblMeasures	Measures information	
Field Name	**Data Type**	**Description**
clinic_code	Text	used for sub-grouping of patient populations
chart_number	Text	unique chart number for each patient
raw_code	Text	measure raw code
service_date	Date/Time	date at which measure was provided
status_flag	Text	denotes whether measure was completed (c), declined (d), or referred (r)
type_code	Text	Measure

tblMed	Medication information	
Field Name	**Data Type**	**Description**
clinic_code	Text	used for sub-grouping of patient populations
chart_number	Text	unique chart number for each patient
raw_code	Text	medication raw code
start_date	Date/Time	date medication was prescribed
end_date	Text	date medication was discontinued
type_code	Text	Rx

tblServices	Services information	
Field Name	**Data Type**	**Description**
clinic_code	Text	used for sub-grouping of patient populations
chart_number	Text	unique chart number for each patient
raw_code	Text	service raw code
status_flag	Text	denotes whether lab was completed (c), declined (d), or referred (r)
service_date	Date/Time	date at which service was provided
result	Text	service result
comment	Memo	memo field
type_code	Text	Service

tblVisits	Visit information	
Field Name	**Data Type**	**Description**
clinic_code	Text	used for sub-grouping of patient populations
chart_number	Text	unique chart number for each patient
visit_date	Date/Time	date at which visit occurred
type_visit	Text	denotes whether visit type was office (o), phone (p), or lab (l)
bp_diastolic	Number	diastolic blood pressure
bp_systolic	Number	systolic blood pressure
weight	Number	weight
height	Number	height (if unknown, leave blank - do not enter 0)
waist_circ	Number	waist circumference
next_visit_date	Date/Time	date of next visit

tlkpCity	Dropdown list of cities	
Field Name	**Data Type**	**Description**
City_ID	AutoNumber	unique city identifier
City	Text	city

tlkpClinic	Used in registry set-up	
Field Name	**Data Type**	**Description**
Clinic	Text	clinic/health center name
Clinic_code	Text	unique identifier for clinic/health center
Clinic_group	Text	(reserved for later use)
Type_Form	Text	custom Progress Note (styles 1,2,3) – page 1
Type_Flowsheet	Text	custom Guidelines/Graphs (styles 1,2) – page 2
Type_OverFlow	Text	custom overflow page to display extra items from Progress Note
Comments	Memo	used to aggregate clinics for reporting

tlkpClinicInfo	Displays health center information on letters	
Field Name	**Data Type**	**Description**
site_zip	Text	zip code of clinic/health center
site_phone	Text	phone number of clinic/health center
site_fax	Text	fax number of clinic/health center
site_logo	OLE Object	logo of clinic/health center

tlkpConstants	Specifies units of measure and denominator used in summary report generation	
Field Name	**Data/Type**	**Description**
Variable	Text	listing of variables that can be modified (DenomType, Height Type, WeightType)
Value	Text	unit of measure for each variable (0 for total registry as denominator or 1 for patients with 1+ visit as denominator in summary reports; in or cm for height recording; lb or kg for weight recording)
Description	Text	explanation of available variables and units of measure

tlkpCounty	Dropdown list of counties	
Field Name	**Data/Type**	**Description**
County_ID	AutoNumber	auto generated county ID
County	Text	county name

tlkpCrosswalk	Master table of codes for conditions, meds, labs, services and measures	
Field Name	**Data Type**	**Description**
type_code	Text	Dx, Rx, Service, Lab, Measure
raw_code	Text	physical code used for storing records in CDEMS
working_code	Text	display label used to interpret raw codes in CDEMS reports
lab_code	Text	lab codes for electronic download of test results; codes are specific to each laboratory
std_alert	Text	specifies valid result ranges
std_freq	Text	specifies frequency at which services / labs / measures should be provided
std_good	Text	specifies ranges of good service / lab / measure results (used for green stop-lighting in Reporting Tool, and non-flagged display in Progress Note)
std_poor	Text	specifies ranges of poor or borderline service / lab / measure results (used for yellow stop-lighting in Reporting Tool, and yellow display in Progress Note)
std_bad	Text	specifies ranges of bad service / lab / measure results (used for red stop-lighting in Reporting Tool, and red display in Progress Note)
std_color	Text	used to color-code the labels displayed on the Progress Note (possible colors are: (red, blue, green, yellow, black, orange)
std_description	Text	used to customize the descriptions of measures within the reminder letters
std_comment_short	Text	used to customize the short comment column within the Recommended Care Guidelines chart on the graphs page of the Progress Note
std_comment_long	Text	used to customize the long comment column within the Recommended Care Guidelines chart on the graphs page of the Progress Note
std_dropdown	Text	used to pre-populate drop-down lists for data entry within the Application (use ; between each entry)
min_scale	Number	specifies minimum scale within the graphs of the Progress Note
max_scale	Number	specifies maximum scale within the graphs of the Progress Note
order	Number	specifies the order in which data fields are displayed on the Progress Note (lower the number, the higher the position on the list)

tlkpDefaults	Default health center information	
Field Name	**Data/Type**	**Description**
ID	AutoNumber	auto generated ID
clinic_default	Text	default health center, used a start-up
clinic_support_local	Text	local CDEMS technical support contact information
clinic_support_WA	Text	Washington State CDEMS technical support contact information
clinic_support_WV	Text	West Virginia CDEMS technical support contact information

tlkpEducation	Dropdown list of education categories	
Field Name	**Data/Type**	**Description**
educ_ID	Number	unique education category identifier
educ_level	Text	education category listing

tlkpEthnicity	Dropdown list of ethnic categories	
Field Name	**Data/Type**	**Description**
Ethnicity_ID	AutoNumber	unique Ethnicity identifier
Ethnicity	Text	Ethnic categories

tlkpGender	Dropdown list of gender categories	
Field Name	**Data/Type**	**Description**
Gender_ID	AutoNumber	used to match the values used by form frmNewPatient's "sex" option buttons
Sex	Text	M=male F=female U=unknown
Gender	Text	code descriptions

tlkpGroup	Additional patient subpopulation categorization	
Field Name	**Data/Type**	**Description**
group_ID	AutoNumber	auto generated group identifier (used within clinc_codes)
group	Text	name of patient subgrouping

tlkpInsurance	Dropdown list of insurance classifications	
Field Name	**Data/Type**	**Description**
Insurance_name	Text	insurance name (classification)
Insurance_type	Text	0=none 1=commercial 2=medicaid 3=medicare 4=unknown 5=other

tlkpOccupation	Dropdown list of occupation classifications	
Field Name	**Data/Type**	**Description**
occup_ID	Text	auto generated occupation identifier
occupation	Text	occupation listing

tlkpPCP	Dropdown list of clinic providers	
Field Name	**Data/Type**	**Description**
Clinic_code	Text	used for sub-grouping of patient populations (identifies site at which care is being provided); if working from more than one location, provider must be shown in each clinic's PCP list
Provider	Text	primary care provider
Comments	Text	(reserved for later use)

tlkpLanguage	Dropdown list of languages	
Field Name	**Data/Type**	**Description**
PLanguage_ID	AutoNumber	auto generated number for primary language listing
PLanguage	Text	listing of languages

tlkpSetup	Matrix of health conditions and associated conditions, labs, meds, services and measures (codes must match tlkpCrosswalk codes)	
Field Name	**Data Type**	**Description**
health_status	Text	Dx
related_field	Text	Dx, Rx, Service, Lab, Measure, List, Graph
type_field	Text	working code of related_field item

tlkpStatusFlags	Dropdown list of status flag options	
Field Name	**Data/Type**	**Description**
status	Text	listing of potential status types (c=completed, d=declined, l=contraindicated, r=referred, z=documented)
status_abbreviation	Text	abbreviation listing for status

tlkpVisitType	Dropdown list of visit types	
Field Name	**Data/Type**	**Description**
type_visit	Text	listing of potential visit types (o=office, p=phone, l=lab)
type_visit_ abbreviation	Text	abbreviation listing for type_visit