NewSTEPs Data Dictionary

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TABLE: account_status_transition

Application table: Records the changes of the 'status' column in the application_user table

Table "public.account_status_transition"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
previous_status	character varying(255)	not null	extended		The 'status' of the application_user row before the status change.
new_status	character varying(255)	not null	extended		The 'status' of the application_user row after the status change.
transition_date	timestamp without time zone	not null	plain		The date the status change occurred
system_transition_date	timestamp without time zone	not null	plain		The date the status change occured
comment	character varying(3999)		extended		An explanation for the status change.

Indexes:
"account_status_transition_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "account_status_transition_history" CONSTRAINT "transition_user_fk" FOREIGN KEY (status_transition_id) REFERENCES account_status_transition(id)
Has OIDs: no

TABLE: account_status_transition_history

Application table: For manual updates to a account status, records an association between the user making the status change its row in the account_status_transition table

Table "public.account_status_transition_history"

Column	Type	Modifiers	Storage	Stats target	Description
user_id	bigint	not null	plain		The id column from the application_user row for the user whose account status changed.
status_transition_id	bigint	not null	plain		The id column from the account_status_transition table row that identifies the change executed.

Indexes:
"account_status_transition_history_pkey" PRIMARY KEY, btree (user_id, status_transition_id)
Foreign-key constraints:
"transition_user_fk" FOREIGN KEY (status_transition_id) REFERENCES account_status_transition(id)
"user_transition_fk" FOREIGN KEY (user_id) REFERENCES application_user(id)
Has OIDs: no

TABLE: address

Application table and Data table: A record of an address an application_user or an institution row

Table "public.address"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence

					'hibernate_sequence'
city	character varying(254)		extended		The city
country	character varying(50)		extended		The country
fax	character varying(20)		extended		The fax
line1	character varying(254)		extended		The first address line
line2	character varying(254)		extended		The second address line
phone	character varying(20)		extended		The phone number associated with this address
state	character varying(254)		extended		The state
zip	character varying(20)		extended		The postal code value for the address
phone_extension	character varying(255)		extended		The phone extension associated with this address's phone number
line3	character varying(254)		extended		The third address line

Indexes:
"address_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "institution" CONSTRAINT "inst_address_fk" FOREIGN KEY (address_id) REFERENCES address(id)
TABLE "person" CONSTRAINT "person_address_fk" FOREIGN KEY (address_id) REFERENCES address(id)
TABLE "application_user" CONSTRAINT "user_address_fk" FOREIGN KEY (address_id) REFERENCES address(id)
Has OIDs: no

TABLE: advisory_committee_details

Data table: Information on the State's NBS advisory committee.

Table "public.advisory_committee_details"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
charge_file_content_type	character varying(254)		extended		The mime-type of the uploaded file that contains the advisory committee charge or bylaws. A PDF document is expected by not required.
charge_file_name	character varying(254)		extended		The file name of the uploaded file that contains the advisory committee charge or bylaws.
charge_url	character varying(254)		extended		The website address that contains the charge or bylaws of the advisory committee.
meeting_minutes_url	character varying(254)		extended		The website address that has the minutes of the advisory committee meetings, if available.
other_meeting_frequency	character varying(254)		extended		Text describing the frequency of committee meetings. This field can be populated when a user selects 'other' from the list of choices made available from the meeting_frequency table.
present	boolean		plain		Boolean value indicating whether the advisory committee exists. A null value indicates 'Unknown'.
structure_file_content_type	character varying(254)		extended		The mime-type of the uploaded file that contains a description of the make-up or structure of the committee.
structure_file_name	character varying(254)		extended		The file name of the uploaded file that contains a description of the make-up or structure of the committee.
structure_url	character		extended		The website address that that contains a description of the make-up or

	varying(254)				structure of the committee.
voluntary	boolean		plain		Boolean value indicating whether the advisory committee is a voluntary committee or mandated under statute or law.
charge_file_lob_id	bigint		plain		The primary key of a row in the lob_holder table that holds the large binary object that is the uploaded file that contains the advisory committee charge or bylaws.
meeting_frequency_id	bigint		plain		The primary key of a row in the meeting_frequency table that identifies the frequncy of the committee meetings.
structure_file_lob_id	bigint		plain		The primary key of a row in the lob_holder table that holds the large binary object that is the uploaded file that contains a description of the make-up or structure of the committee.
structure	character varying(3999)		extended		A textual description of make-up or structure of the committee.

Indexes:
"advisory_committee_details_pkey" PRIMARY KEY, btree (id)
"advisory_committee_details_meeting_frequency_idx" btree (meeting_frequency_id)
Foreign-key constraints:
"advisory_committee_details_meeting_frequency_fk" FOREIGN KEY (meeting_frequency_id) REFERENCES meeting_frequency(id)
"fkc00288e04a77528a" FOREIGN KEY (structure_file_lob_id) REFERENCES lob_holder(id)
"fkc00288e057ae6e4b" FOREIGN KEY (charge_file_lob_id) REFERENCES lob_holder(id)
Referenced by:
TABLE "state_nbs_profile" CONSTRAINT "state_profile_advisory_committee_details_fk" FOREIGN KEY (advisory_committee_details_id) REFERENCES advisory_committee_details(id)
Has OIDs: no

TABLE: annual_births

Data table: The number of annual births for a specific state and year

Table "public.annual_births"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
institution_id	bigint	not null	plain		The primary key of a row in the institution table
year	integer	not null	plain		The year to which the annual_births count pertains
annual_births	integer	not null	plain		Number of births in the state for the year

Indexes:
"annual_births_pkey" PRIMARY KEY, btree (id)
"births_institution_year_index" UNIQUE, btree (year, institution_id)
Foreign-key constraints:
"births_institution_fk" FOREIGN KEY (institution_id) REFERENCES institution(id)
Has OIDs: no

TABLE: application_setting

Application table: Holds name-value pairs that can be used in application configuration or decision making

Table "public.application_setting"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
name	character varying(254)	not null	extended		Name of this resource
value	character varying(254)	not null	extended		Value for this resource

Indexes:
"application_setting_pkey" PRIMARY KEY, btree (id)
"application_setting_name_key" UNIQUE CONSTRAINT, btree (name)
Has OIDs: no

TABLE: application_user

Application table: Each row holds the details of a registered NewSTEPs user.

Table "public.application_user"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
email	character varying(255)	not null	extended		The email address of the NewSTEPs user.
firstname	character varying(255)	not null	extended		The first name of the NewSTEPs user.
lastname	character varying(255)	not null	extended		The last name of the NewSTEPs user
password	character varying(255)	not null	extended		The password which the NewSTEPs user used to authenticate with on login. Values are encrytped and salted so viewing the a password in this table does not compromise the user's credentials
status	character varying(255)	not null	extended		The status of the user's account, with only ACTIVE accounts allowed to login. Constrained by application code the following values: ACTIVE, INACTIVE, LOCKED, PENDING
username	character varying(255)	not null	extended		Provided along with password on login - expected to be the same as the email address
password_expiration_date	timestamp without time zone		plain		The date the user's password will expire and the user will be forced by the application to create a new password. The action of creating a new password will also reset this date to a future date based on password expiration interval.
account_locked_date	timestamp without time zone		plain		The date the account represented by this row became locked
created_date	timestamp without time zone	not null default now()	plain		The date this row was created.
last_updated_date	timestamp without time zone	not null	plain		The date the account was last updated
address_id	bigint	not null	plain		The primary key of the row in the address table that holds the address for this NewSTEPs user.
institution_id	bigint	not null	plain		The primary key of the row in the institution table that identifies the institution for which NewSTEPs user works. In the case of a user that works for a particular state, this will be the state itself instead of a particular state agency (IE 'New York' instead of 'New York State Department of Health'
next_audit_reminder_date	timestamp without time zone		plain		The date the audit reminder process will be triggered for this user, requesting that the account be audited by a application admin. The period is reset as controlled by the 'account_audit_period' found in the 'application_setting' table
terms_and_conditions_accepted	boolean	not null	plain		A flag that indicates the user accepted the terms and conditions of application use at the time the user registered for an application account. If the application account was created by an admin user the column will be set to false, and the user will be required by the application to indicate acceptance of the terms and conditions on first use of the application.

Indexes:
"application_user_pkey" PRIMARY KEY, btree (id)

"application_user_username_index" UNIQUE, btree (lower(username::text))
"user_address_idx" btree (address_id)
"user_institution_idx" btree (institution_id)
Foreign-key constraints:
"user_address_fk" FOREIGN KEY (address_id) REFERENCES address(id)
"user_institution_fk" FOREIGN KEY (institution_id) REFERENCES institution(id)
Referenced by:
TABLE "user_institution_specific_group" CONSTRAINT "fk46e0fb8ddd6ebaa9" FOREIGN KEY (user_id) REFERENCES application_user(id)
TABLE "login_attempt" CONSTRAINT "login_attempt_user_fk" FOREIGN KEY (user_id) REFERENCES application_user(id)
TABLE "passwordreset" CONSTRAINT "reset_user_fk" FOREIGN KEY (user_id) REFERENCES application_user(id)
TABLE "text_resource" CONSTRAINT "textresource_lastupdatedby_user_fk" FOREIGN KEY (last_updated_by_user_id) REFERENCES application_user(id)
TABLE "user_group" CONSTRAINT "user_group_user_fk" FOREIGN KEY (user_id) REFERENCES application_user(id)
TABLE "user_representable_institutions" CONSTRAINT "user_representable_institutions_user_fk" FOREIGN KEY (user_id) REFERENCES application_user(id)
TABLE "user_roles" CONSTRAINT "user_role_user_fk" FOREIGN KEY (user_id) REFERENCES application_user(id)
TABLE "account_status_transition_history" CONSTRAINT "user_transition_fk" FOREIGN KEY (user_id) REFERENCES application_user(id)
Has OIDs: no

TABLE: applicationrole

Application table: Defines the list of roles existing in the NewSTEPs application. The NewSTEPs application uses J2EE container managed security to restrict access to portions of the NewSTEPs application by these named roles.

Table "public.applicationrole"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
name	character varying(254)	not null	extended		A name give to a role which will correspond to a J2EE role defined in the NewSTEPSs web.xml in order to restrict access to certain functionality to only those users who have been assigned the named role.

Indexes:
"applicationrole_pkey" PRIMARY KEY, btree (id)
"applicationrole_name_key" UNIQUE CONSTRAINT, btree (name)
Referenced by:
TABLE "user_group_role" CONSTRAINT "user_role_role_fk" FOREIGN KEY (role_id) REFERENCES applicationrole(id)
TABLE "user_roles" CONSTRAINT "user_role_role_fk" FOREIGN KEY (role_id) REFERENCES applicationrole(id)
Has OIDs: no

TABLE: asa_case

Data table: Records the additional information associated the condition 'Argininosuccinic aciduria - ASA' in association with an infant record.

Table "public.asa_case"

Column	Type	Modifiers	Storage	Stats target	Description
asl_enzyme_analysis_result	character varying(255)		extended		Describes if enzyme analysis for ASA enzyme activity completed, and if so the result of the analysis: Constrained by application logic to 'CONSISTENT', 'INCONSISTENT', 'UNKNOWN', or 'UNTESTED'.
asl_gene_allele_one	character varying(255)		extended		Was mutation analysis done for ASL gene allele 1, and if so the result: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'NONE', 'UNKNOWN', or 'UNTESTED'.
asl_gene_allele_two	character varying(255)		extended		Was mutation analysis done for ASL gene allele 2, and if so the result: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'NONE', 'UNKNOWN', or 'UNTESTED'.
urine_citrulline_level	character varying(255)		extended		Was Citrulline level collected, and if so the result: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or

					'UNTESTED'.
plasma_asa_level	character varying(255)		extended		Was Plasma ASA level collected, and if so the result: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
urine_asa_level	character varying(255)		extended		Was urine ASA level collected, and if so the result: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.
other_gene_name	character varying(255)		extended		The name of the other gene for which mutation analysis was done
other_gene_allele_one	character varying(255)		extended		Was mutation analysis done for other gene allele 1, and if so the result: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'NONE', 'UNKNOWN', or 'UNTESTED'.
other_gene_allele_two	character varying(255)		extended		Was mutation analysis done for other gene allele 2, and if so the result: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'NONE', 'UNKNOWN', or 'UNTESTED'.
plasma_citrulline_level	character varying(255)		extended		Was urine Citrulline level collected, and if so the result: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
plasma_amino_acids_collected	character varying(255)		extended		Answer to question about plasma amino acids collected.
urine_amino_acids_collected	character varying(255)		extended		Answer to question about urine amino acids tested.
asl_enzyme_analysis_tested	character varying(255)		extended		Answer to question about enzyme analysis for ASA enzyme activity completed.
mutation_analysis_done	character varying(255)		extended		Answer to the question, Was mutation analysis done

Indexes:
"asa_case_pkey" PRIMARY KEY, btree (id)
Foreign-key constraints:
"fkcaade700d96389be" FOREIGN KEY (id) REFERENCES infant(id)
Has OIDs: no

TABLE: auditlogdetail

Application table: Audit data: Detailed information on changes made by a user

Table "public.auditlogdetail"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
attribute	character varying(100)	not null	extended		Description of the thing being changed.
message	character varying(256)		extended		Not used.
newvalue	character varying(4000)		extended		The new value of the attribute.
oldvalue	character varying(4000)		extended		The old value of the attribute.
record_id	bigint	not null	plain		The primary key of a record in the auditlogrecord which this row provides the details

Indexes:
"auditlogdetail_pkey" PRIMARY KEY, btree (id)

Foreign-key constraints:
"audit_deatil_record_fk" FOREIGN KEY (record_id) REFERENCES auditlogrecord(id)
Has OIDs: no

TABLE: auditlogrecord

Application table: Audit data: Record of changes made by an application user

Table "public.auditlogrecord"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
createddate	timestamp without time zone	not null	plain		Date this change was made.
entityid	bigint	not null	plain		The id of the record changed
entityname	character varying(254)	not null	extended		The table in which the changed record is stored
transactionid	bigint	not null	plain		Sequence number for the database insert/update/delete statement managed by the persistence engine.
type	character varying(255)	not null	extended		Type of change being made: possible values are INSERT, UPDATE, and DELETE
username	character varying(100)	not null	extended		Identifies the user making change from the application_user.username.

Indexes:
"auditlogrecord_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "auditlogdetail" CONSTRAINT "audit_deatil_record_fk" FOREIGN KEY (record_id) REFERENCES auditlogrecord(id)
Has OIDs: no

TABLE: backup_frequency

Data table: A list of values that can be used to indicate the frequency of data backup.

Table "public.backup_frequency"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with it_infrastructure records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A short description of a frequency at which a backup is performed.
value	character varying(254)		extended		Not used.

Indexes:
"backup_frequency_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "it_infrastructure" CONSTRAINT "it_infrastructure_backup_frequency_fk" FOREIGN KEY (backup_frequency_id) REFERENCES

backup_frequency(id)
Has OIDs: no

TABLE: biotinidase_case

Data table: Records the additional information associated the condition 'Biotinidase deficiency - BIOT' in association with an infant record.

Table "public.biotinidase_case"

Column	Type	Modifiers	Storage	Stats target	Description
biotinidase_activity	character varying(255)		extended		Was enzyme analysis for biotinidase enzyme activity completed, and if so the result: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'NORMAL', 'LESS_THAN_TEN_PERCENT_NORMAL', or 'BETWEEN_TEN_AND_THIRTY_PERCENT_NORMAL'.
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.
other_gene_name	character varying(255)		extended		The name of the other gene for which mutation analysis was done
other_gene_allele_one	character varying(255)		extended		Was mutation analysis done for other gene allele 1, and if so the result: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'NONE', 'UNKNOWN', or 'UNTESTED'.
other_gene_allele_two	character varying(255)		extended		Was mutation analysis done for other gene allele 2, and if so the result: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'NONE', 'UNKNOWN', or 'UNTESTED'.
final_diagnosis_id	bigint		plain		Primary key of a row in the condition table that identifies the condition affecting this infant. Constrained by application code to only allow conditions that are child conditions to the parent condition with a name value of 'Biotinidase deficiency - BIOT'.
btd_gene_allele_one	character varying(255)		extended		Was mutation analysis done for BTD Gene allele 1, and if so the result: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'NONE', 'UNKNOWN', or 'UNTESTED'.
btd_gene_allele_two	character varying(255)		extended		Was mutation analysis done for BTD Gene allele 2, and if so the result: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'NONE', 'UNKNOWN', or 'UNTESTED'.
biotinidase_activity_tested	character varying(255)		extended		Answer to question was enzyme analysis for biotinidase enzyme activity completed
mutation_analysis_done	character varying(255)		extended		Answer to the question, Was mutation analysis done

Indexes:
"biotinidase_case_pkey" PRIMARY KEY, btree (id)
"biotinidase_final_diagnosis_idx" btree (final_diagnosis_id)
Foreign-key constraints:
"biotinidase_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
"fk47dc90e8d96389be" FOREIGN KEY (id) REFERENCES infant(id)
Has OIDs: no

TABLE: cah_case

Data table: Records the additional information associated the condition 'Congenital adrenal hyperplasia - CAH' in association with an infant record.

Table "public.cah_case"

Column	Type	Modifiers	Storage	Stats	Description

				target	
cyp21a2_gene_allele_one	character varying(255)		extended		Was mutation analysis done for CYP21A2 Gene allele 1, and if so the result: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'NONE', 'UNKNOWN', or 'UNTESTED'.
cyp21a2_gene_allele_two	character varying(255)		extended		Was mutation analysis done for CYP21A2 Gene allele 2, and if so the result: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'NONE', 'UNKNOWN', or 'UNTESTED'.
serum_17_ohp_level	character varying(255)		extended		The level for serum 17-OHP analysis: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'GREATER_THAN_TEN_THOUSAND', 'GREATER_THAN_TEN_THOUSAND', 'BETWEEN_ONE_THOUSAND_AND_TEN_THOUSAND', 'LESS_THAN_ONE_THOUSAND'.
serum_sodium_level	character varying(255)		extended		Serum sodium level before initiation of treatment: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'GREATER_THAN_THRESHOLD', or 'LESS_THAN_THRESHOLD'.
urine_steroid_profile	character varying(255)		extended		Tandem mass spectrometry urinary steroid profile test results: Constrained by application logic to 'UNKNOWN', 'UNTESTED', or 'HYDROXYLASE_DEFICIENCY'.
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.
other_gene_name	character varying(255)		extended		The name of the other gene for which mutation analysis was done
other_gene_allele_one	character varying(255)		extended		Was mutation analysis done for other gene allele 1, and if so the result: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'NONE', 'UNKNOWN', or 'UNTESTED'.
other_gene_allele_two	character varying(255)		extended		Was mutation analysis done for other gene allele 2, and if so the result: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'NONE', 'UNKNOWN', or 'UNTESTED'.
serum_17_ohp_after_acth	character varying(255)		extended		The level for serum 17-OHP analysis after ACTH stimulation: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'GREATER_THAN_TEN_THOUSAND', 'GREATER_THAN_TEN_THOUSAND', 'BETWEEN_ONE_THOUSAND_AND_TEN_THOUSAND', 'LESS_THAN_ONE_THOUSAND'.
final_diagnosis_id	bigint		plain		Primary key of a row in the condition table that identifies the condition affecting this infant. Constrained by application code to only allow conditions that are child conditions to the parent condition with a name value of 'Congenital adrenal hyperplasia - CAH'.
other_final_diagnosis_name	character varying(255)		extended		Text description of a final diagnosis name. This field is available for use only when the user has selected a condition for the final diagnosis that starts with the word 'Other'.
serum_17_ohp_level_tested	character varying(255)		extended		Was serum 17-OHP analysis tested before initiation of treatment: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', 'FALSE'.
serum_17_ohp_after_acth_tested	character varying(255)		extended		Was serum 17-OHP analysis tested after ACTH stimulation: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', 'FALSE'.
serum_sodium_level_tested	character varying(255)		extended		Was the serum sodium level tested before the initiation of treatment: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', or 'FALSE'.
plasma_renin_activity	character varying(255)		extended		Was the Plasma renin activity measurement normal for age: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', or 'FALSE'.
plasma_renin_activity_tested	character varying(255)		extended		Was the Plasma renin activity tested before initiation of treatment: Constrained by application logic to 'UNKNOWN',

					'UNTESTED', 'TRUE', or 'FALSE'.
salt_wasting_evidence	character varying(255)		extended		Is there evidence of salt wasting: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', or 'FALSE'.
societal_gender	character varying(255)		extended		The societal gender of the infant; constrained by application code to the values: 'Male', 'Female', 'Unspecified', 'Unknown'.
confirmatory_serum_level_obtained	character varying(255)		extended		Answer to question Was a confirmatory serum 17-OHP level obtained
urine_steriod_profile_obtained	character varying(255)		extended		Answer to question Was tandem mass spectrometry urinary steroid profile obtained
plasma_renin_activity_measured	character varying(255)		extended		Answer to question Was Plasma renin activity level measured at time of initiation of treatment
mutation_analysis_done	character varying(255)		extended		Answer to the question, Was mutation analysis done
supportive_evidence_exists	character varying(255)		extended		Answer to the question, If child was diagnosed after the newborn period, were clinical symptoms associated with CFTR Related Disease present.

Indexes:
"cah_case_pkey" PRIMARY KEY, btree (id)
"cah_case_final_diagnosis_idx" btree (final_diagnosis_id)
Foreign-key constraints:
"cah_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
"fkee320285d96389be" FOREIGN KEY (id) REFERENCES infant(id)
Referenced by:
TABLE "cah_case_supporting_evidence" CONSTRAINT "fkee2852a9d3ab492" FOREIGN KEY (cah_case_id) REFERENCES cah_case(id)
Has OIDs: no

TABLE: cah_case_supporting_evidence

Data table: Records the supportive clinical or laboratory evidence of CAH associated with records in in the cah_case table.

Table "public.cah_case_supporting_evidence"

Column	Type	Modifiers	Storage	Stats target	Description
cah_case_id	bigint	not null	plain		Primary key of a row in the cah_case table.
supporting_evidence	character varying(255)	not null	extended		Supportive clinical or laboratory evidence of CAH: Constrained by application logic to 'AMBIGUOUS_GENITALIA', 'NORMAL_GENITALIA', 'OTHER_HORMONAL_EVIDENCE'.

Foreign-key constraints:
"fkee2852a9d3ab492" FOREIGN KEY (cah_case_id) REFERENCES cah_case(id)
Has OIDs: no

TABLE: cbs_case

Data table: Records the additional information associated the condition 'Homocystinuria - HCY' in association with an infant record.

Table "public.cbs_case"

Column	Type	Modifiers	Storage	Stats target	Description
cbs_enzyme_analysis_result	character varying(255)		extended		Enzyme analysis results for CBS enzyme activity: Constrained by application logic to 'CONSISTENT', 'INCONSISTENT', 'UNKNOWN', or 'UNTESTED'.
cbs_gene_allele_one	character varying(255)		extended		Result of mutation analysis for CBS gene alllele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'NONE', 'UNKNOWN', or 'UNTESTED'.

cbs_gene_allele_two	character varying(255)		extended		Result of mutation analysis for CBS gene alllele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'NONE', 'UNKNOWN', or 'UNTESTED'.
homocysteine_level	character varying(255)		extended		Was plasma Homocysteine tested; Constrained by application logic to Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
methionine_level	character varying(255)		extended		Was the plasma amino acid level for Methionine tested: Constrained by application logic to Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.
other_gene_name	character varying(255)		extended		The name of the other gene for which mutation analysis was done
other_gene_allele_one	character varying(255)		extended		Was mutation analysis done for other gene allele 1, and if so the result: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'NONE', 'UNKNOWN', or 'UNTESTED'.
other_gene_allele_two	character varying(255)		extended		Was mutation analysis done for other gene allele 2, and if so the result: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'NONE', 'UNKNOWN', or 'UNTESTED'.
plasma_amino_acids_tested	character varying(255)		extended		Answer to the question, Were plasma amino acids tested.
plasma_homocysteine_tested	character varying(255)		extended		Answer to the question, Was plasma Homocysteine tested.
enzyme_analysis_completed	character varying(255)		extended		Answer to the question, Was enzyme analysis for CBS enzyme activity completed.
mutation_analysis_done	character varying(255)		extended		Answer to the question, Was mutation analysis done

Indexes:
"cbs_case_pkey" PRIMARY KEY, btree (id)
Foreign-key constraints:
"fk35dd8c9bd96389be" FOREIGN KEY (id) REFERENCES infant(id)
Has OIDs: no

TABLE: cchd_case

Data table: Records the additional information associated the condition 'Critical congenital heart disease - CCHD' in association with an infant record.

Table "public.cchd_case"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.
noncritical_chd_description	character varying(255)		extended		Description of non critial CHD diagnosis
postnatal_echocardiogram_completed	character varying(255)		extended		Was a Postnatal Echocardiogram Completed?
prenatal_echocardiogram_completed	character varying(255)		extended		Was a Prenatal Echocardiogram Completed?
prenatal_echocardiogram_suggested_cchd	boolean	not null default false	plain		Did the Prenatal Echo findings suggest CCHD?
final_diagnosis_id	bigint		plain		
other_final_diagnosis_name	character		extended		

	varying(255)				

Indexes:
"cchd_case_pkey" PRIMARY KEY, btree (id)
Foreign-key constraints:
"fk636368640a" FOREIGN KEY (id) REFERENCES infant(id)
Referenced by:
TABLE "cchd_final_diagnosis_details" CONSTRAINT "case_cchd_final_diagnosis_details_fk" FOREIGN KEY (cchd_case_id) REFERENCES cchd_case(id)
TABLE "primary_screening_targets" CONSTRAINT "case_primarytarget_case_fk" FOREIGN KEY (cchd_case_id) REFERENCES cchd_case(id)
TABLE "secondary_screening_targets" CONSTRAINT "case_secondarytarget_case_fk" FOREIGN KEY (cchd_case_id) REFERENCES cchd_case(id)
Has OIDs: no

TABLE: cchd_echo_result

Data table: Records the echocardiogram results associated with a case of CCHD

Table "public.cchd_echo_result"

Column	Type	Modifiers	Storage	Stats target	Description
cchd_case_id	bigint	not null	plain		Primary key of a row in the cchd_case table.
echocardiogram_result	character varying(255)	not null	extended		One of possibly multiple echocardiogram results for the case.

Indexes:
"cchd_echo_result_pkey" PRIMARY KEY, btree (cchd_case_id, echocardiogram_result)
Has OIDs: no

TABLE: cchd_final_diagnosis_details

Data table: Records the final diagnoses associated with a case of CCHD

Table "public.cchd_final_diagnosis_details"

Column	Type	Modifiers	Storage	Stats target	Description
cchd_case_id	bigint	not null	plain		Primary key of a row in the cchd_case table.
final_diagnosis	character varying(255)	not null	extended		One of possibly many final diagnoses for the case.

Indexes:
"cchd_final_diagnosis_details_pkey" PRIMARY KEY, btree (cchd_case_id, final_diagnosis)
Foreign-key constraints:
"case_cchd_final_diagnosis_details_fk" FOREIGN KEY (cchd_case_id) REFERENCES cchd_case(id)
Has OIDs: no

TABLE: cchd_result_integration_method

Data table: A list of methods that can be used to indicate the method by which CCHD results are integrated with the DBS NBS results.

Table "public.cchd_result_integration_method"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with hit_elements records. 't' indicates that the row is available for current usage.
created_date	timestamp	not null	plain		The date this record was created.

	without time zone				
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		The short description of the cchd result integration method.
value	character varying(254)		extended		Not used.

Indexes:
"cchd_result_integration_method_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "hit_elements" CONSTRAINT "hit_elements_cchd_result_integration_method_fk" FOREIGN KEY (cchd_result_integration_method_id) REFERENCES cchd_result_integration_method(id)
Has OIDs: no

TABLE: certification_program

Data table: A list of laboratory certification programs.

Table "public.certification_program"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with program_structure records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		The certification program acronym.
value	character varying(254)		extended		Not used.

Indexes:
"certification_program_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "program_structure" CONSTRAINT "program_structure_certification_program_fk" FOREIGN KEY (certification_program_id) REFERENCES certification_program(id)
Has OIDs: no

TABLE: cf_case

Data table: Records the additional information associated the condition 'Cystic fibrosis - CF' in association with an infant record.

Table "public.cf_case"

Column	Type	Modifiers	Storage	Stats target	Description
other_gene_allele_one	character varying(255)		extended		Not used
other_gene_allele_two	character varying(255)		extended		Not used

other_gene_name	character varying(255)		extended		Not used
final_diagnosis_id	bigint		plain		Primary key of a row in the condition table that identifies the condition affecting this infant. Constrained by application code to only allow conditions that are child conditions to the parent condition with a name value of 'Cystic fibrosis - CF'.
sweat_chloride_result	character varying(255)		extended		Valid sweat chloride result: Constrained by application logic to 'UNTESTED', 'GREATER_THAN_60', 'LESS_THAN_30', 'BETWEEN_30_AND_59', 'LESS_THAN_40', 'BETWEEN_40_AND_59', or 'QUANTITY_NOT_SUFFICIENT'.
sweat_chloride_repeated	character varying(255)		extended		Sweat chloride test repeated on a separate day: Constrained by application logic to 'UNTESTED', 'GREATER_THAN_60', 'LESS_THAN_30', 'BETWEEN_30_AND_59', 'LESS_THAN_40', 'BETWEEN_40_AND_59', or 'QUANTITY_NOT_SUFFICIENT'.
cftr_completed_allele_one	character varying(255)		extended		Results for allele one when CFTR mutation panel completed after the newborn screening mutation panel: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'VARYING_SIGNIFICANCE', 'NONE', 'UNKNOWN'.
cftr_completed_allele_two	character varying(255)		extended		Results for allele two when CFTR mutation panel completed after the newborn screening mutation panel: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'VARYING_SIGNIFICANCE', 'NONE', 'UNKNOWN'.
cftr_detected_allele_one	character varying(255)		extended		Results of CFTR mutations detected on the newborn screening mutation panel: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'VARYING_SIGNIFICANCE', 'NONE', 'UNKNOWN'.
cftr_detected_allele_two	character varying(255)		extended		Results of CFTR mutations detected on the newborn screening mutation panel: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'VARYING_SIGNIFICANCE', 'NONE', 'UNKNOWN'.
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.
sweat_chloride_false_positive	character varying(255)		extended		Not used
nbs_indicated_elevated_irt	character varying(255)		extended		NBS result indicate an elevated IRT: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', 'FALSE'.
meconium_ileus_present	character varying(255)		extended		Did the child have meconium ileus: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', 'FALSE'.
quantity_not_sufficient_sweat_chloride	character varying(255)		extended		If a valid sweat test was not available, were there attempts to obtain a sweat chloride that were quantity not sufficient (QNS): Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', 'FALSE'.
cftr_mutation_panel_with_nbs	character varying(255)		extended		Answer to question, Were CFTR mutations detected on the newborn screening mutation panel.
cftr_mutation_panel_after_nbs	character varying(255)		extended		Answer to question, Was a CFTR mutation panel completed after the newborn screening mutation panel.
sweat_chloride_done	character varying(255)		extended		Answer to question about availability of sweat chloride result
sweat_chloride_repeat_done	character varying(255)		extended		Answer to question about availability of repeat sweat chloride result from a different day
mutation_analysis_done	character		extended		Answer to the question, Was mutation analysis done

	varying(255)				
clinical_symptoms_present	character varying(255)		extended		Answer to the question, Is there supportive clinical or laboratory evidence of CAH.

Indexes:
"cf_case_pkey" PRIMARY KEY, btree (id)
"cf_case_final_diagnosis_idx" btree (final_diagnosis_id)
Foreign-key constraints:
"cf_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
"fk2db0fc23d96389be" FOREIGN KEY (id) REFERENCES infant(id)
Referenced by:
TABLE "cf_case_clinical_symptom" CONSTRAINT "cf_case_clinical_symptom_case_fk" FOREIGN KEY (cf_case_id) REFERENCES cf_case(id)
Has OIDs: no

TABLE: cf_case_clinical_symptom

Data table: Records the clinical symptoms associated with CFTR Related Disease present in associated records from cf_case table records where child was diagnosed after the newborn period.

Table "public.cf_case_clinical_symptom"

Column	Type	Modifiers	Storage	Stats target	Description
cf_case_id	bigint	not null	plain		Primary key of a row in the cf_case table.
clinical_symptom	character varying(255)	not null	extended		Disease symptom: Constrained by application logic to 'CBAVD', 'RECURRENT_PANCREATITIS', 'NASAL_POLYPOSIS', 'INFERTILITY', 'FOCAL_BILIARY_CIRRHOSIS'.

Foreign-key constraints:
"cf_case_clinical_symptom_case_fk" FOREIGN KEY (cf_case_id) REFERENCES cf_case(id)
Has OIDs: no

TABLE: ch_case

Data table: Records the additional information associated the condition 'Congenital hypothyroidism - CH' in association with an infant record.

Table "public.ch_case"

Column	Type	Modifiers	Storage	Stats target	Description
other_gene_allele_one	character varying(255)		extended		Not used
other_gene_allele_two	character varying(255)		extended		Not used
other_gene_name	character varying(255)		extended		Not used
serum_tsh_level	character varying(255)		extended		Result of Serum TSH test: Constrained by application logic to 'ABOVE_UPPER_THRESHOLD', 'WITHIN_THRESHOLDS', 'BELOW_LOWER_THRESHOLD', 'UNTESTED', 'UNKNOWN'.
final_diagnosis_id	bigint		plain		Primary key of a row in the condition table that identifies the condition affecting this infant. Constrained by application code to only allow conditions that are child conditions to the parent condition with a name value of 'Congenital hypothyroidism - CH'.
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.

serum_tsh_tested_before_treatment	character varying(255)		extended		Was Serum TSH tested before initiation of treatment: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', 'FALSE'.
serum_total_t4_below_reference_range	character varying(255)		extended		Was result of Serum Total T4 below the age-established reference range: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', 'FALSE'.
serum_total_t4_tested_before_treatment	character varying(255)		extended		Was Serum Total T4 tested before initiation of treatment: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', 'FALSE'.
serum_free_t4_below_reference_range	character varying(255)		extended		Serum Free T4 below the age-established reference range: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', 'FALSE'.
serum_free_t4_tested_before_treatment	character varying(255)		extended		Was Serum Free T4 tested before initiation of treatment: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', 'FALSE'.
other_pituitary_hormone_deficiencies_present	character varying(255)		extended		Infant has other pituitary hormone deficiencies: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', 'FALSE'.
midline_defects_present	character varying(255)		extended		Infant has midline defects: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', 'FALSE'.
tbg_below_reference_range	character varying(255)		extended		TBG test below the age established reference range: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', 'FALSE'.
resin_update_below_reference_range	character varying(255)		extended		T3 or T4 resin uptake above the age established reference range: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', 'FALSE'.
serum_tsh	character varying(255)		extended		Answer to the question, Was Serum TSH tested.
serum_total_t4	character varying(255)		extended		Answer to the question, Was Serum Total T4 tested
serum_free_t4	character varying(255)		extended		Answer to the question, Was Serum Free T4 tested.
tbg_tested	character varying(255)		extended		Answer to the question, Was TBG tested
resin_uptake_tested	character varying(255)		extended		Answer to the question, Was T3 or T4 resin uptake tested.
mutation_analysis_done	character varying(255)		extended		Answer to the question, Was mutation analysis done

Indexes:
"ch_case_pkey" PRIMARY KEY, btree (id)
"ch_final_diagnosis_idx" btree (final_diagnosis_id)
Foreign-key constraints:
"ch_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
"fk2bea1ecad96389be" FOREIGN KEY (id) REFERENCES infant(id)
Has OIDs: no

TABLE: cit_case

Data table: Records the additional information associated the condition 'Citrullinemia, type I - CIT' in association with an infant record.

Table "public.cit_case"

Column	Type	Modifiers	Storage	Stats target	Description
arginin_synthase_enzyme_analysis_result	character varying(255)		extended		Enzyme analysis for Cirtullinemia type-I enzyme activity result: Constrained by application logic to

					'ABNORMAL', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
ass1_gene_allele_one	character varying(255)		extended		Mutation analysis done for ASS1 gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
ass1_gene_allele_two	character varying(255)		extended		Mutation analysis done for ASS1 gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
blood_ammonia_level	character varying(255)		extended		Blood ammonia level test results: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
citrulline_level	character varying(255)		extended		Enzyme analysis for Cirtullinemia type-I enzyme activity test results Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
plasma_asa_level	character varying(255)		extended		Plasma organic acids test results: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.
other_gene_name	character varying(255)		extended		The name of the other gene for which mutation analysis was done
other_gene_allele_one	character varying(255)		extended		Mutation analysis done for other gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'NONE', 'UNKNOWN', or 'UNTESTED'.
other_gene_allele_two	character varying(255)		extended		Mutation analysis done for other gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'NONE', 'UNKNOWN', or 'UNTESTED'.
plasma_organic_acids_tested	character varying(255)		extended		Answer to question, Were plasma organic acids tested
enzyme_analysis_completed	character varying(255)		extended		Answer to question, Was enzyme analysis for Cirtullinemia type-I enzyme activity completed
blood_ammonia_level_tested	character varying(255)		extended		Answer to question, Was blood ammonia level tested
mutation_analysis_done	character varying(255)		extended		Answer to the question, Was mutation analysis done

Indexes:
"cit_case_pkey" PRIMARY KEY, btree (id)
Foreign-key constraints:
"fka9de0401d96389be" FOREIGN KEY (id) REFERENCES infant(id)
Has OIDs: no

TABLE: clsi_guideline_implementation_status

Data table: A list of values that can be used to describe the policy for screening newborns that are in the Neonatal Intensive Care Unit (NICU) within state.

Table "public.clsi_guideline_implementation_status"

Column	Type	Modifiers	Storage	Stats	Description

				target	
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with nbs_policies records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A short description of CLSI implementation status
value	character varying(254)		extended		Not used.

Indexes:
"clsi_guideline_implementation_status_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "nbs_policies" CONSTRAINT "nbs_policies_clsi_guideline_implementation_status_fk" FOREIGN KEY (clsi_guideline_implementation_status_id) REFERENCES clsi_guideline_implementation_status(id)
Has OIDs: no

TABLE: coding_system

Data table: A list coding systems that can be associated with a state NBS program via association table hit_elements_coding_systems

Table "public.coding_system"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with hit_elements_coding_systems records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A name or short description of a coding system
value	character varying(254)		extended		Not used.

Indexes:
"coding_system_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "hit_elements_coding_systems" CONSTRAINT "hit_elements_coding_systems_coding_system_id_fk" FOREIGN KEY (coding_system_id) REFERENCES coding_system(id)
Has OIDs: no

TABLE: condition

Data table: A list of possible conditions for which newborn screening tests exist and that can be associated with an infant record to identify the condition affecting the infant. The list is self referential in that conditions can have parent

conditions (via parent_id) and is constrained by application code to only allow conditions without children to be associated with an infant record.

Table "public.condition"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with infant records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		The name of the condition (from the recommended uniform screening panel).
value	character varying(254)		extended		The abbreviation of the condition
parent_id	bigint		plain		The condition.id of this condition's parent condition in the recommended uniform screening panel list of conditions.
case_definition	character varying(255)		extended		An enumerated value constrained by application code that identifies the rules engine file to be used by application code for evaluating cases of this type.
test_type	character varying(255)		extended		An enumerated value constrained by application code and used to identify the type of test used in identification of this condition. Values are LAB, EHDI, CCHD.
root_type	character varying(20)		extended		
case_parent_id	bigint		plain		
track_out_of_range	boolean	not null default false	plain		Indicator if this condition can be used for recording a row in the out_of_range_count table.
time_critical	boolean	not null default false	plain		

Indexes:
"condition_pkey" PRIMARY KEY, btree (id)
"case_parent_idx" btree (case_parent_id)
"condition_parent_idx" btree (parent_id)
Foreign-key constraints:
"case_parent_fk" FOREIGN KEY (case_parent_id) REFERENCES condition(id)
"condition_parent_fk" FOREIGN KEY (parent_id) REFERENCES condition(id)
Referenced by:
TABLE "biotinidase_case" CONSTRAINT "biotinidase_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
TABLE "cah_case" CONSTRAINT "cah_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
TABLE "condition" CONSTRAINT "case_parent_fk" FOREIGN KEY (case_parent_id) REFERENCES condition(id)
TABLE "cf_case" CONSTRAINT "cf_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
TABLE "ch_case" CONSTRAINT "ch_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
TABLE "condition_equipment" CONSTRAINT "condition_equipment_condition_fk" FOREIGN KEY (condition_id) REFERENCES condition(id)
TABLE "condition" CONSTRAINT "condition_parent_fk" FOREIGN KEY (parent_id) REFERENCES condition(id)
TABLE "condition_public_health_data_collection" CONSTRAINT "condition_public_health_data_collection_to_condition_fk" FOREIGN KEY (condition_id) REFERENCES condition(id)
TABLE "profile_condition_screening_status" CONSTRAINT "condition_screening_status_condition_fk" FOREIGN KEY (condition_id) REFERENCES condition(id)
TABLE "condition_targets" CONSTRAINT "condition_targets_condition_fk" FOREIGN KEY (condition_id) REFERENCES condition(id)
TABLE "condition_test_methods" CONSTRAINT "condition_test_methods_condition_fk" FOREIGN KEY (condition_id) REFERENCES condition(id)
TABLE "disorder_testing" CONSTRAINT "disorder_testing_condition_fk" FOREIGN KEY (disorder_id) REFERENCES condition(id)
TABLE "false_positive_counts" CONSTRAINT "false_positive_counts_condition_fk" FOREIGN KEY (condition_id) REFERENCES condition(id)

TABLE "false_positives" CONSTRAINT "false_positives_condition_fk" FOREIGN KEY (condition_id) REFERENCES condition(id)
TABLE "infant" CONSTRAINT "infant_screened_condition_fk" FOREIGN KEY (screened_condition_id) REFERENCES condition(id)
TABLE "holocarboxylase_synthetase_case" CONSTRAINT "mma_with_homocystinuria_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
TABLE "hyper_phe_case" CONSTRAINT "mma_with_homocystinuria_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
TABLE "mma_without_homocystinuria_case" CONSTRAINT "mma_with_homocystinuria_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
TABLE "mma_with_homocystinuria_case" CONSTRAINT "mma_with_homocystinuria_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
TABLE "mps_type_1_case" CONSTRAINT "mps_type_1_case_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
TABLE "msud_case" CONSTRAINT "msud_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
TABLE "out_of_range_count" CONSTRAINT "out_of_range_count_condition_fk" FOREIGN KEY (condition_id) REFERENCES condition(id)
TABLE "out_of_range_result_count" CONSTRAINT "out_of_range_result_count_condition_fk" FOREIGN KEY (condition_id) REFERENCES condition(id)
TABLE "pompe_case" CONSTRAINT "pompe_case_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
TABLE "time_critical_disorder_testing" CONSTRAINT "time_critical_disorder_testing_condition_fk" FOREIGN KEY (disorder_id) REFERENCES condition(id)
TABLE "true_cases" CONSTRAINT "true_cases_condition_fk" FOREIGN KEY (condition_id) REFERENCES condition(id)
TABLE "xald_case" CONSTRAINT "xald_case_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
Has OIDs: no

TABLE: condition_equipment

Data table: Association table that associates conditions with the vendors that provide equipment for the lab tests associated with the condition. Used to provide possible selections for the profile_condition_screening_status table

Table "public.condition_equipment"

Column	Type	Modifiers	Storage	Stats target	Description
condition_id	bigint	not null	plain		Primary key of a row in the condition table.
equipment_id	bigint	not null	plain		Primary key of a row in the equipment table.

Indexes:
"condition_equipment_pkey" PRIMARY KEY, btree (condition_id, equipment_id)
Foreign-key constraints:
"condition_equipment_condition_fk" FOREIGN KEY (condition_id) REFERENCES condition(id)
"condition_equipment_equipment_fk_fk" FOREIGN KEY (equipment_id) REFERENCES equipment(id)
Has OIDs: no

TABLE: condition_public_health_data_collection

Data table: Association table that associates conditions with public health data collection values. Used to provide possible selections for profile_condition_screening_status table.

Table "public.condition_public_health_data_collection"

Column	Type	Modifiers	Storage	Stats target	Description
condition_id	bigint	not null	plain		Primary key of a row in the condition table.
data_id	bigint	not null	plain		Primary key of a row in the public_health_data_collection table.

Indexes:
"condition_public_health_data_collection_pkey" PRIMARY KEY, btree (condition_id, data_id)
Foreign-key constraints:
"condition_public_health_data_collection_to_condition_fk" FOREIGN KEY (condition_id) REFERENCES condition(id)
"condition_public_health_data_collection_to_public_health_data_c" FOREIGN KEY (data_id) REFERENCES public_health_data_collection(id)
Has OIDs: no

TABLE: condition_targets

Data table: Association table that associates conditions with targets for screening. Used to provide possible selections for the profile_condition_screening_status table.

Table "public.condition_targets"

Column	Type	Modifiers	Storage	Stats target	Description
condition_id	bigint	not null	plain		Primary key of a row in the condition table.
target_id	bigint	not null	plain		Primary key of a row in the target table.

Indexes:
"condition_targets_pkey" PRIMARY KEY, btree (condition_id, target_id)
Foreign-key constraints:
"condition_targets_condition_fk" FOREIGN KEY (condition_id) REFERENCES condition(id)
"condition_targets_target_fk_fk" FOREIGN KEY (target_id) REFERENCES target(id)
Has OIDs: no

TABLE: condition_test_methods

Data table: Association table that associates conditions with test methods. Used to provide possible selections for the profile_condition_screening_status table.

Table "public.condition_test_methods"

Column	Type	Modifiers	Storage	Stats target	Description
condition_id	bigint	not null	plain		Primary key of a row in the condition table.
test_method_id	bigint	not null	plain		Primary key of a row in the test_method table.

Indexes:
"condition_test_methods_pkey" PRIMARY KEY, btree (condition_id, test_method_id)
Foreign-key constraints:
"condition_test_methods_condition_fk" FOREIGN KEY (condition_id) REFERENCES condition(id)
"condition_test_methods_test_method_fk_fk" FOREIGN KEY (test_method_id) REFERENCES test_method(id)
Has OIDs: no

TABLE: consent_recording_method

Data table: A list of methods used for recording consent or opting out.

Table "public.consent_recording_method"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with nbs_policies records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A short description of how/where consent (or opt-out) is recorded.
value	character varying(254)		extended		Not used.

Indexes:
"consent_recording_method_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "nbs_policies" CONSTRAINT "nbs_policies_consent_recording_method_fk" FOREIGN KEY (consent_recording_method_id) REFERENCES consent_recording_method(id)
TABLE "nbs_policies" CONSTRAINT "nbs_policies_opt_out_recording_method_fk" FOREIGN KEY (opt_out_recording_method_id) REFERENCES consent_recording_method(id)
Has OIDs: no

TABLE: consent_type

Data table: A list of policies of obtaining consent for performing the standard newborn screen in a state.

Table "public.consent_type"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with nbs_policies records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A short description of the consent type
value	character varying(254)		extended		Not used.

Indexes:
"consent_type_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "nbs_policies" CONSTRAINT "nbs_policies_consent_type_fk" FOREIGN KEY (consent_type_id) REFERENCES consent_type(id)
Has OIDs: no

TABLE: courier

Data table: Describes NBS program courier options

Table "public.courier"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with records. 't' indicates that the type is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		The short name of a courier.
value	character varying(254)		extended		Not used.

Indexes:
"courier_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "policy_courier" CONSTRAINT "policy_courier_courier_fk" FOREIGN KEY (courier_id) REFERENCES courier(id)
Has OIDs: no

TABLE: courier_service_status

Data table: A list of methods for transportation of samples from birthing center to laboratory for testing.

Table "public.courier_service_status"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with nbs_policies records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A short description of a courier service policy for tranporting samples to laboratory for testing.
value	character varying(254)		extended		Not used.

Indexes:
"courier_service_status_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "nbs_policies" CONSTRAINT "nbs_policies_courier_service_status_fk" FOREIGN KEY (courier_service_status_id) REFERENCES courier_service_status(id)
Has OIDs: no

TABLE: cud_case

Data table: Records the additional information associated the condition 'Carnitine uptake defect/carnitine transport defect - CUD' in association with an infant record.

Table "public.cud_case"

Column	Type	Modifiers	Storage	Stats target	Description
cud_enzyme_analysis_result	character varying(255)		extended		Enzyme analysis for carnitine deficiency enzyme activity test result: Constrained by application logic to 'CONSISTENT', 'INCONSISTENT', 'UNKNOWN', or 'UNTESTED'.
cud_gene_allele_one	character varying(255)		extended		Mutation analysis done for SCL22A5 gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
cud_gene_allele_two	character varying(255)		extended		Mutation analysis done for SCL22A5 gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
plasma_carnitine_level	character varying(255)		extended		Plasma free carnitine (C0) levels test result: Constrained by application logic to 'LOW', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
urine_carnitine_level	character varying(255)		extended		Urine carnitine test results: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.
other_gene_name	character varying(255)		extended		The name of the other gene for which mutation analysis was done
other_gene_allele_one	character varying(255)		extended		Mutation analysis done for other gene allele 1: Constrained by application logic to 'DISEASE_CAUSING',

					'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
other_gene_allele_two	character varying(255)		extended		Mutation analysis done for other gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
secondary_loss_ruled_out	character varying(255)		extended		Other causes for carnitine loss ruled out: : Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', 'FALSE'.
urine_carnitine_tested	character varying(255)		extended		Answer to question, Was urine carnitine tested
plasma_carnitine_levels_tested	character varying(255)		extended		Answer to question, Were plasma carnitine levels tested
enzyme_analysis_completed	character varying(255)		extended		Answer to question, Was enzyme analysis for carnitine deficiency enzyme activity completed
mutation_analysis_done	character varying(255)		extended		Answer to the question, Was mutation analysis done

Indexes:
"cud_case_pkey" PRIMARY KEY, btree (id)
Foreign-key constraints:
"fk95b411dd96389be" FOREIGN KEY (id) REFERENCES infant(id)
Has OIDs: no

TABLE: data_storage_period

Data table: A list of values that can be used to describe the length of time results are currently stored in a state system

Table "public.data_storage_period"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with nbs_policies records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A short description of data storage period
value	character varying(254)		extended		Not used.

Indexes:
"data_storage_period_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "nbs_policies" CONSTRAINT "nbs_policies_abnormal_specimen_data_storage_period_fk" FOREIGN KEY (abnormal_specimen_data_storage_period_id) REFERENCES data_storage_period(id)
TABLE "nbs_policies" CONSTRAINT "nbs_policies_data_storage_period_fk" FOREIGN KEY (data_storage_period_id) REFERENCES data_storage_period(id)
Has OIDs: no

TABLE: databasechangelog

Application table: used during deployment of updates to the application to determine, of the scripts identified as changes to the database, which changes have already been applied and which need to be applied

Table "public.databasechangelog"

Column	Type	Modifiers	Storage	Stats target	Description
id	character varying(63)	not null	extended		The id attribute of the changeset from the db-changelog.xml file; defaults to raw when no id attribute is specified for a changeset.
author	character varying(63)	not null	extended		The author attribute of the changeset from the db-changelog.xml file; defaults to includeAll for changesets specified by the includeAll tag
filename	character varying(200)	not null	extended		The filename of a set of database migration scripts processed by liquibase
dateexecuted	timestamp with time zone	not null	plain		The date and time the script was applied to the database
md5sum	character varying(32)		extended		The md5sum of the script file
description	character varying(255)		extended		A very high level description of the file (eg Custom SQL)
comments	character varying(255)		extended		The contents of the comment tag of the changeset from the db-changelog.xml file; defaults to null if no comment in db-changelog.xml
tag	character varying(255)		extended		Not used.
liquibase	character varying(10)		extended		The version of liquibase used in the migration

Indexes:
"pk_databasechangelog" PRIMARY KEY, btree (id, author, filename)
Has OIDs: no

TABLE: databasechangeloglock

Application table: used during deployment of updates to the application to allows only one instance of Liquibase to attempt to update a database at a time

Table "public.databasechangeloglock"

Column	Type	Modifiers	Storage	Stats target	Description
id	integer	not null	plain		Primary key of the record, assigned by liquibase to the value of 1
locked	boolean	not null	plain		Should only be set to true during a the execution of liquibase database updates
lockgranted	timestamp with time zone		plain		Time the lock was set to true, set to null when lock value set back to false
lockedby	character varying(255)		extended		Username of user executing the liquibase database migration that set the lock to true, set to null when lock value set back to false

Indexes:
"pk_databasechangeloglock" PRIMARY KEY, btree (id)
Has OIDs: no

TABLE: definition_lab_specimen_receipt

Data table: A list of definitions for defining when a specimen is considered received by the NBS laboratory.

Table "public.definition_lab_specimen_receipt"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with other records. 't' indicates that the row is available for current usage.

created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A description of a receipt definition
value	character varying(254)		extended		Not used.

Indexes:
"definition_lab_specimen_receipt_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "nbs_policies" CONSTRAINT "nbs_policies_definition_lab_specimen_receipt_fk" FOREIGN KEY (definition_lab_specimen_receipt_id) REFERENCES definition_lab_specimen_receipt(id)
Has OIDs: no

TABLE: disaster_recovery_hardware

Data table: A list of resources available for disaster recovery

Table "public.disaster_recovery_hardware"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with it_infrastructure_recovery_hardware records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A short description of a disaster recovery resource.
value	character varying(254)		extended		Not used.

Indexes:
"disaster_recovery_hardware_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "it_infrastructure_recovery_hardware" CONSTRAINT "it_infrastructure_hardware_hardware_id" FOREIGN KEY (hardware_id) REFERENCES disaster_recovery_hardware(id)
Has OIDs: no

TABLE: disorder_testing

Data table: used for tracking daily disorder testing of non-time critical disorders

Table "public.disorder_testing"

Column	Type	Modifiers	Storage	Stats target	Description
program_structure_id	bigint	not null	plain		The id of the program structure row associated with this data.
disorder_id	bigint	not null	plain		The id of a non-time critical disorder associated with this row of data.
monday	boolean	not null	plain		Does the activity happen on monday.
tuesday	boolean	not null	plain		Does the activity happen on tuesday.
wednesday	boolean	not null	plain		Does the activity happen on wednesday.

thursday	boolean	not null	plain		Does the activity happen on thursday.
friday	boolean	not null	plain		Does the activity happen on friday.
saturday	boolean	not null	plain		Does the activity happen on saturday.
sunday	boolean	not null	plain		Does the activity happen on sunday.
holiday	boolean	not null	plain		Does the activity happen on holiday.

Indexes:
"disorder_testing_pkey" PRIMARY KEY, btree (program_structure_id, disorder_id)
Foreign-key constraints:
"disorder_testing_condition_fk" FOREIGN KEY (disorder_id) REFERENCES condition(id)
"disorder_testing_program_fk" FOREIGN KEY (program_structure_id) REFERENCES program_structure(id)
Has OIDs: no

TABLE: equipment

Data table: A list of possible vendors for Laboratory equipment.

Table "public.equipment"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with other records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		The equiment vendor name.
value	character varying(254)		extended		Not used.

Indexes:
"equipment_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "condition_equipment" CONSTRAINT "condition_equipment_equipment_fk_fk" FOREIGN KEY (equipment_id) REFERENCES equipment(id)
TABLE "profile_condition_screening_status" CONSTRAINT "condition_screening_status_equipment_fk" FOREIGN KEY (equipment_id) REFERENCES equipment(id)
Has OIDs: no

TABLE: false_positive_counts

Data table: this table has been replaced by the table false_positives and the data has been migrated

Table "public.false_positive_counts"

Column	Type	Modifiers	Storage	Stats target	Description
between_fifteen_days_and_one_month	integer		plain		Number of infants with an identified false positive diagnosis between 15 days and 1 month after birth.
between_one_and_two_months	integer		plain		Number of infants with an identified false positive diagnosis between 1 and 2 month after birth.
between_seven_and_fourteen_days	integer		plain		Number of infants with an identified false positive diagnosis between 7 and 14 days after birth.

between_two_and_six_months	integer		plain		Number of infants with an identified false positive diagnosis between 2 and 6 month after birth.
greater_than_six_months	integer		plain		Number of infants with an identified false positive diagnosis more than 6 months after birth.
less_than_seven_days	integer		plain		Number of infants with an identified false positive diagnosis less than 7 days after birth.
unknown	integer		plain		Number of infants with an identified false positive diagnosis where the time after birth is unknown.
condition_id	bigint	not null	plain		Primary key of a row in the condition table that identifies the condition for which these false positive counts apply.
qi_data_id	bigint	not null	plain		Primary key of a row in the quality_indicator_data table that identified the quality indicator state/year record for which these counts apply.
no_false_positives	boolean	not null	plain		Boolean value that when true indicates that no false positives for this condition occurred.

Indexes:
"false_positive_counts_condition_idx" btree (condition_id)
"false_positive_counts_qi_data_idx" btree (qi_data_id)
Check constraints:
"false_positive_counts_between_fifteen_days_and_one_month_check" CHECK (between_fifteen_days_and_one_month >= 0)
"false_positive_counts_between_one_and_two_months_check" CHECK (between_one_and_two_months >= 0)
"false_positive_counts_between_seven_and_fourteen_days_check" CHECK (between_seven_and_fourteen_days >= 0)
"false_positive_counts_between_two_and_six_months_check" CHECK (between_two_and_six_months >= 0)
"false_positive_counts_greater_than_six_months_check" CHECK (greater_than_six_months >= 0)
"false_positive_counts_less_than_seven_days_check" CHECK (less_than_seven_days >= 0)
"false_positive_counts_unknown_check" CHECK (unknown >= 0)
Foreign-key constraints:
"false_positive_counts_condition_fk" FOREIGN KEY (condition_id) REFERENCES condition(id)
"false_positive_counts_qi_data_fk" FOREIGN KEY (qi_data_id) REFERENCES quality_indicator_data(id)
Has OIDs: no

TABLE: false_positives

Data table: Counts by condition category for the time between Birth to determining result was false positive for newborn screen disorders for out-of-range results

Table "public.false_positives"

Column	Type	Modifiers	Storage	Stats target	Description
no_false_positives	boolean	not null default false	plain		Boolean value that when true indicates that no false positives for this condition occurred.
less_than_seven_days	integer		plain		Number of infants with an identified false positive diagnosis less than 7 days after birth.
seven_to_fourteen_days	integer		plain		Number of infants with an identified false positive diagnosis between 7 and 14 days after birth.
fifteen_days_to_one_month	integer		plain		Number of infants with an identified false positive diagnosis between 15 days and 1 month after birth.
greaterthan_one_to_two_months	integer		plain		Number of infants with an identified false positive diagnosis greater than 1 month to 2 months after birth.
greaterthan_two_to_six_months	integer		plain		Number of infants with an identified false positive diagnosis greater than 2 months to 6 months after birth.
greaterthan_six_to_nine_months	integer		plain		Number of infants with an identified false positive diagnosis greater than 6 months to 9 months after birth.
greaterthan_nine_to_twelve_months	integer		plain		Number of infants with an identified false positive diagnosis greater than 9 months to 12 months after birth.
greaterthan_twelve_months	integer		plain		Number of infants with an identified false positive diagnosis greater than 12 months after birth.
unknown	integer		plain		Number of infants with an identified false positive diagnosis where

					the time after birth is unknown.
condition_id	bigint	not null	plain		Primary key of a row in the condition table that identifies the condition category (condition.root_type = 'INFANT_CASE') for which these false positive counts apply.
qi_data_id	bigint	not null	plain		Primary key of a row in the quality_indicator_data table that identified the quality indicator state/year record for which these counts apply.

Indexes:
"false_positives_condition_idx" btree (condition_id)
"false_positives_qi_data_idx" btree (qi_data_id)
Check constraints:
"false_positives_fifteen_days_to_one_month_check" CHECK (fifteen_days_to_one_month >= 0)
"false_positives_greaterthan_nine_to_twelve_months_check" CHECK (greaterthan_nine_to_twelve_months >= 0)
"false_positives_greaterthan_one_to_two_months_check" CHECK (greaterthan_one_to_two_months >= 0)
"false_positives_greaterthan_six_to_nine_months_check" CHECK (greaterthan_six_to_nine_months >= 0)
"false_positives_greaterthan_twelve_months_check" CHECK (greaterthan_twelve_months >= 0)
"false_positives_greaterthan_two_to_six_months_check" CHECK (greaterthan_two_to_six_months >= 0)
"false_positives_less_than_seven_days_check" CHECK (less_than_seven_days >= 0)
"false_positives_seven_to_fourteen_days_check" CHECK (seven_to_fourteen_days >= 0)
"false_positives_unknown_check" CHECK (unknown >= 0)
Foreign-key constraints:
"false_positives_condition_fk" FOREIGN KEY (condition_id) REFERENCES condition(id)
"false_positives_qi_data_fk" FOREIGN KEY (qi_data_id) REFERENCES quality_indicator_data(id)
Has OIDs: no

TABLE: fee_collection_method

Data table: A list of possible fees collected methods that can be associated with a NBS screening_fee_details record

Table "public.fee_collection_method"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with other records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A description of a fee collected method
value	character varying(254)		extended		Not used.

Indexes:
"fee_collection_method_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "screening_fee_details" CONSTRAINT "screening_fee_details_fee_collection_method_fk" FOREIGN KEY (fee_collection_method_id) REFERENCES fee_collection_method(id)
Has OIDs: no

TABLE: fee_location

Data table: A list of possible holding locations for NBS fees collected that can be associated with a NBS screening_fee_details record

Table "public.fee_location"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with other records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A description of a fee use
value	character varying(254)		extended		Not used.

Indexes:
"fee_location_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "screening_fee_details" CONSTRAINT "screening_fee_details_fee_location_fk" FOREIGN KEY (fee_location_id) REFERENCES fee_location(id)
Has OIDs: no

TABLE: fee_use

Data table: A list of possible fee uses for NBS fees collected that can be associated with a NBS screening_fee_use record

Table "public.fee_use"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		
active	boolean	not null	plain		
created_date	timestamp without time zone	not null	plain		
last_updated_date	timestamp without time zone	not null	plain		
name	character varying(254)	not null	extended		
value	character varying(254)		extended		

Indexes:
"fee_use_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "screening_fee_use" CONSTRAINT "fee_use_details_fee_use_fk" FOREIGN KEY (fee_use_id) REFERENCES fee_use(id)
Has OIDs: no

TABLE: field_help_config

Application table: used to hold help or explanitory text for various data entry fields in the User Interface.

Table "public.field_help_config"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
entity_class_name	character varying(255)	not null	extended		The Java class name corresponding to a group of fields in the User Interface.
field_name	character varying(255)	not null	extended		A field in the Java class/User Interface for which exists a help text resource
help_text_id	bigint	not null	plain		Primary key of a row in the text_resource table that holds the help text to

					be displayed for this field.

Indexes:
"field_help_config_pkey" PRIMARY KEY, btree (id)
"field_help_config_help_text_idx" btree (help_text_id)
Foreign-key constraints:
"help_text_fk" FOREIGN KEY (help_text_id) REFERENCES text_resource(id)
Has OIDs: no

TABLE: follow_up_lab_activity

Data table: A list of follow up activities that might be performed by the NBS laboratory on Saturday and Sunday.

Table "public.follow_up_lab_activity"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with other records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A description of the follow-up activity
value	character varying(254)		extended		Not used.

Indexes:
"follow_up_lab_activity_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "program_followup_activity" CONSTRAINT "program_followup_activity_followup_activity_fk" FOREIGN KEY (followup_activity_id) REFERENCES follow_up_lab_activity(id)
Has OIDs: no

TABLE: follow_up_period

Data table: A list of terms used to define follow-up in a state

Table "public.follow_up_period"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with nbs_policies records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A short description of a follow-up period.
value	character		extended		Not used.

	varying(254)				

Indexes:
"follow_up_period_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "nbs_policies" CONSTRAINT "nbs_policies_stfu_period_fk" FOREIGN KEY (stfu_period_id) REFERENCES follow_up_period(id)
Has OIDs: no

TABLE: funding_source

Data table: A list of funding sources for a NBS program that can be associated with a NBS screening_funding_sources record

Table "public.funding_source"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with other records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A description of a funding source
value	character varying(254)		extended		Not used.

Indexes:
"funding_source_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "screening_funding_sources" CONSTRAINT "screening_funding_sources_funding_source_fk" FOREIGN KEY (funding_source_id) REFERENCES funding_source(id)
Has OIDs: no

TABLE: gai_case

Data table: Records the additional information associated the condition 'Glutaric acidemia type I - GA1' in association with an infant record.

Table "public.gai_case"

Column	Type	Modifiers	Storage	Stats target	Description
c5dc_level	character varying(255)		extended		Test results for Plasma acylcarnitines for C5-DC level: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
gcdh_gene_allele_one	character varying(255)		extended		Mutation analysis done for GCDH gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
gcdh_gene_allele_two	character varying(255)		extended		Mutation analysis done for GCDH gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.

glutaryl_co_a_enzyme_analysis_result	character varying(255)		extended		Enzyme analysis for Glutaric Acidemia enzyme test results: Constrained by application logic to 'CONSISTENT', 'INCONSISTENT', 'UNKNOWN', or 'UNTESTED'.
plasma_glutaric_level	character varying(255)		extended		Plasma organic acid Glutaric acid level: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
plasma_three_oh_glutaric_level	character varying(255)		extended		Plasma organic acid 3-OH Glutaric acid level: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
urine_glutaric_level	character varying(255)		extended		Urine organic acid Glutaric acid level: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
urine_three_oh_glutaric_level	character varying(255)		extended		Urine organic acid 3-OH Glutaric acid level: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.
other_gene_name	character varying(255)		extended		The name of the other gene for which mutation analysis was done
other_gene_allele_one	character varying(255)		extended		Mutation analysis done for other gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
other_gene_allele_two	character varying(255)		extended		Mutation analysis done for other gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
plasma_organic_acids_tested	character varying(255)		extended		Answer to question, Were plasma organic acids tested
urine_organic_acids_tested	character varying(255)		extended		Answer to question, Were urine organic acids tested
plasma_acylcarnitines_tested	character varying(255)		extended		Answer to question, Were plasma acylcarnitines tested
enzyme_analysis_completed	character varying(255)		extended		Answer to question, Was enzyme analysis for Glutaric Acidemia enzyme activity completed
mutation_analysis_done	character varying(255)		extended		Answer to the question, Was mutation analysis done

Indexes:
"gai_case_pkey" PRIMARY KEY, btree (id)
Foreign-key constraints:
"fk8f6b8ea0d96389be" FOREIGN KEY (id) REFERENCES infant(id)
Has OIDs: no

TABLE: galactosemia_case

Data table: Records the additional information associated the condition 'Classic galactosemia - GALT' in association with an infant record.

Table "public.galactosemia_case"

Column	Type	Modifiers	Storage	Stats target	Description
other_gene_allele_one	character varying(255)		extended		Mutation analysis done for other gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
other_gene_allele_two	character		extended		Mutation analysis done for other gene allele 2: Constrained by

	varying(255)				application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
other_gene_name	character varying(255)		extended		The name of the other gene for which mutation analysis was done
enzyme_analysis_result	character varying(255)		extended		For Arginase Deficiency, enzyme activity test results: Constrained by application logic to 'CONSISTENT', 'INCONSISTENT', 'UNKNOWN', or 'UNTESTED'.
gal_one_p_level	character varying(255)		extended		Gal-1-P level test results: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
galactosemia_gene_allele_one	character varying(255)		extended		Mutation analysis done for Galactosemia gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
galactosemia_gene_allele_two	character varying(255)		extended		Mutation analysis done for Galactosemia gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
galt_level	character varying(255)		extended		Galt level test results: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'NORMAL', 'LESS_THAN_TEN_PERCENT_NORMAL', or 'BETWEEN_TEN_AND_THIRTY_PERCENT_NORMAL'.
protein_phenotyping_result	character varying(255)		extended		If Variant Galactosemia, protein phenotyping test result: Constrained by application logic to 'CONSISTENT', 'INCONSISTENT', 'UNKNOWN', or 'UNTESTED'.
urine_galactitol_level	character varying(255)		extended		Urine Galactitol level test results: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.
galt_level_tested	character varying(255)		extended		
gal_1p_tested	character varying(255)		extended		
urine_galactitol_tested	character varying(255)		extended		
protein_phenotyping_completed	character varying(255)		extended		
enzyme_analysis_completed	character varying(255)		extended		
mutation_analysis_done	character varying(255)		extended		Answer to the question, Was mutation analysis done

Indexes:
"galactosemia_case_pkey" PRIMARY KEY, btree (id)
Foreign-key constraints:
"fk86c6de6bd96389be" FOREIGN KEY (id) REFERENCES infant(id)
Has OIDs: no

TABLE: groups_administratable_groups

Application table: An association table that links usergroup record to other usergroup records to determine which usergroups can manage users in what other usergroups.

Table "public.groups_administratable_groups"

Column	Type	Modifiers	Storage	Stats target	Description

group_id	bigint	not null	plain		A primary key of a row in the usergroup table defining a group that is capable of administrating users in a group.
administratable_group_id	bigint	not null	plain		A primary key of a row in the usergroup table defining a group that can be administrated by users in the group defined by group_id.

Indexes:
"groups_administratable_groups_pkey" PRIMARY KEY, btree (group_id, administratable_group_id)
Foreign-key constraints:
"gag_administratable_group_fk" FOREIGN KEY (administratable_group_id) REFERENCES usergroup(id)
"gag_group_fk" FOREIGN KEY (group_id) REFERENCES usergroup(id)
Has OIDs: no

TABLE: hb_no_structural_variant

Data table: Records the additional information associated the group of conditions categorized under the label 'Hb - No structural variant' in association with an infant record.

Table "public.hb_no_structural_variant"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.
final_diagnosis_id	bigint		plain		Primary key of a row in the condition table that identifies the specific condition affecting this infant. Constrained by application code to only allow conditions that are child conditions to the parent condition with a name value of 'Hb - No structural variant'.

Indexes:
"hb_no_structural_variant_pkey" PRIMARY KEY, btree (id)
Has OIDs: no

TABLE: hb_other_case

Table "public.hb_other_case"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		
final_diagnosis_id	bigint		plain		
other_gene_allele_one	character varying(255)		extended		Not used
other_gene_allele_two	character varying(255)		extended		Not used
other_gene_name	character varying(255)		extended		
allele_one_variant	character varying(255)		extended		Variant found on allele one.
allele_two_variant	character varying(255)		extended		Variant found on allele two
cbc_result	character varying(255)		extended		Result of CBC test
hplc_and_ief_test_result	character varying(255)		extended		Result of HPLC & IEF testing on the same sample from the infant
other_hplc_and_ief_test_result	character varying(255)		extended		User specified value for the result of HPLC & IEF testing on the same sample from the infant
maternal_status	character varying(255)		extended		Status of maternal mutation analysis studies
other_maternal_status	character varying(255)		extended		User specified value for the results of maternal mutation analysis studies
paternal_status	character		extended		Status of paternal mutation analysis studies

	varying(255)				
other_paternal_status	character varying(255)		extended		User specified value for the results of paternal mutation analysis studies
qualitative_test_result	character varying(255)		extended		Result of qualitative (IEF or HPLC) testing
other_qualitative_test_result	character varying(255)		extended		User specified value for the result of qualitative (IEF or HPLC) testing
qualitative_test_result_repeated	boolean		plain		Was the qualitative testing repeated?
quantitative_test_result	character varying(255)		extended		Result of quantitative (HPLC or electrophoresis) testing
other_quantitative_test_result	character varying(255)		extended		User specified value for result of quantitative (HPLC or electrophoresis) testing
nbs_result	character varying(255)		extended		Result of NBS testing
other_nbs_result	character varying(255)		extended		User specified value for result of NBS testing
other_allele_one_variant	character varying(255)		extended		User specified value for allele one variant
other_allele_two_variant	character varying(255)		extended		User specified value for allele two variant
positive_family_history	character varying(255)		extended		Answer to question was there a positive family history
hbg_test_result	character varying(255)		extended		Result of Hgb tests (electrophoresis or HPLC) performed on family members
hbg_tests_on_family	character varying(255)		extended		Answer to question hbg_tests_on_family, were Hgb tests (electrophoresis or HPLC) performed on family members
cbc_performed	character varying(255)		extended		Answer to question was a CBC performed
mutation_analysis_done	character varying(255)		extended		Answer to question was mutation analysis performed
other_final_diagnosis_name	character varying(255)		extended		User supplied value for the final diagnosis
alpha_thalassemia_present	character varying(255)		extended		Answer to the question Alpha thalassemia present
family_studies	character varying(255)		extended		Answer to the question were family studies (in parents) done
qualitative_test_performed	character varying(255)		extended		Answer to the question, 'Was qualitative (IEF or HPLC) testing completed?'
quantitative_test_performed	character varying(255)		extended		Answer to the question, 'Was quantitative (HPLC or electrophoresis) testing completed?'
nbs_performed	character varying(255)		extended		Answer to the question, 'Was NBS testing completed?'

Indexes:
"hb_other_case_pkey" PRIMARY KEY, btree (id)
Foreign-key constraints:
"hb_other_infant_fk" FOREIGN KEY (id) REFERENCES infant(id)
Has OIDs: no

TABLE: hb_sickle_case

Data table: Records the additional information associated the condition 'S,S disease (Sickle cell anemia) - Hb SS' in association with an infant record.

Table "public.hb_sickle_case"

Column	Type	Modifiers	Storage	Stats target	Description

other_gene_allele_one	character varying(255)		extended		Not used.
other_gene_allele_two	character varying(255)		extended		Not used.
other_gene_name	character varying(255)		extended		Not used
allele_one_variant	character varying(255)		extended		Mutation analysis test result type of variant found on allele 1: Constrained by application logic to 'S', 'CONDITION_SPECIFIC', 'OTHER', 'UNKNOWN', or 'UNTESTED'.
allele_two_variant	character varying(255)		extended		Mutation analysis test result type of variant found on allele 2: Constrained by application logic to 'S', 'CONDITION_SPECIFIC', 'OTHER', 'UNKNOWN', or 'UNTESTED'.
cbc_result	character varying(255)		extended		Not used
hplc_and_ief_test_result	character varying(255)		extended		Not used.
maternal_status	character varying(255)		extended		Maternal Status family study test result: Constrained by application logic to 'S', 'CONDITION_SPECIFIC', 'OTHER', 'UNKNOWN', or 'UNTESTED'.
nbs_result	character varying(255)		extended		NBS test result: Constrained by application logic to 'FS', 'OTHER', 'UNKNOWN', or 'UNTESTED'.
other_allele_one_variant	character varying(255)		extended		Variant Name of allele 1 which can only be specified if 'OTHER' is selected for allele_one_variant column
other_allele_two_variant	character varying(255)		extended		Variant Name of allele 2 which can only be specified if 'OTHER' is selected for allele_two_variant column
other_hplc_and_ief_test_result	character varying(255)		extended		Test result name, which can only be specified if 'OTHER' is selected for hplc_and_ief_test_result column
other_maternal_status	character varying(255)		extended		Carrier status name for mother, which can only be specified if 'OTHER' is selected for maternal_status column
other_nbs_result	character varying(255)		extended		NBS result name, which can only be specified if 'OTHER' is selected for maternal_status column
other_paternal_status	character varying(255)		extended		Carrier status name for father, which can only be specified if 'OTHER' is selected for maternal_status column
other_qualitative_test_result	character varying(255)		extended		Qualitative (IEF or HPLC) testing result name which can only be specified if 'OTHER' is selected for qualitative_test_result column
other_quantitative_test_result	character varying(255)		extended		Quantitative (HPLC or electrophoresis) testing result name which can only be specified if 'OTHER' is selected for quantitative_test_result column
paternal_status	character varying(255)		extended		Paternal Status family study test result: Constrained by application logic to 'S', 'CONDITION_SPECIFIC', 'OTHER', 'UNKNOWN', or 'UNTESTED'.
positive_family_history	character varying(255)		extended		Is there a family history of condition (to include known disease trait in parents, siblings, aunts, uncles and cousins.): Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', 'FALSE'.
qualitative_test_result_repeated	boolean		plain		Boolean value defaults to false and can only be set to true by user when 'FSAA2' is selected for for the value of column qualitative_test_result
qualitative_test_result	character varying(255)		extended		Qualitative (IEF or HPLC) testing results: Constrained by application logic to 'FS', 'OTHER', 'UNKNOWN', or 'UNTESTED'.
quantitative_test_result	character varying(255)		extended		Quantitative (HPLC or electrophoresis) testing results: Constrained by application logic to 'FS', 'OTHER', 'UNKNOWN', or 'UNTESTED'.
hbg_test_result	character varying(255)		extended		Results of Hbg tests (electrophoresis or HPLC) performed on family member: Constrained by application logic to 'ELEVATED', 'ABSENT', 'UNKNOWN', or 'UNTESTED'.
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.

final_diagnosis_id	bigint		plain		
hbg_tests_on_family	character varying(255)		extended		Answer to the question, Were Hbg tests performed on family members
cbc_performed	character varying(255)		extended		Answer to the question, Was a CBC performed
mutation_analysis_done	character varying(255)		extended		Answer to the question, Was mutation analysis done
other_final_diagnosis_name	character varying(255)		extended		User supplied value for the final diagnosis
family_studies	character varying(255)		extended		Answer to the question were family studies (in parents) done
qualitative_test_performed	character varying(255)		extended		Answer to the question, 'Was qualitative (IEF or HPLC) testing completed?'
quantitative_test_performed	character varying(255)		extended		Answer to the question, 'Was quantitative (HPLC or electrophoresis) testing completed?'
nbs_performed	character varying(255)		extended		Answer to the question, 'Was NBS testing completed?'
hplc_and_ief_test_performed	character varying(255)		extended		Answer to the question, 'Were HPLC & IEF tested on the same sample from the infant?'

Indexes:
"hb_ss_case_pkey" PRIMARY KEY, btree (id)
Foreign-key constraints:
"fk19ab3b6ad96389be" FOREIGN KEY (id) REFERENCES infant(id)
Has OIDs: no

TABLE: hearing_result_integration_method

Data table: A list of methods that can be used to indicate the method by which hearing results are integrated with the DBS NBS results.

Table "public.hearing_result_integration_method"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with hit_elements records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		The short description of the hearing result integration method.
value	character varying(254)		extended		Not used.

Indexes:
"hearing_result_integration_method_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "hit_elements" CONSTRAINT "hit_elements_hearing_result_integration_method_fk" FOREIGN KEY (hearing_result_integration_method_id) REFERENCES hearing_result_integration_method(id)
Has OIDs: no

TABLE: hie_data_exchange_stage

Data table: A list of stages that can be used to indicate the stage at which a state is in exchanging data with a statewide health information exchange

Table "public.hie_data_exchange_stage"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with hit_elements records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A short description of an implementation stage.
value	character varying(254)		extended		Not used.

Indexes:
"hie_data_exchange_stage_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "hit_elements" CONSTRAINT "hit_elements_hie_data_exchange_stage_fk" FOREIGN KEY (hie_data_exchange_stage_id) REFERENCES hie_data_exchange_stage(id)
Has OIDs: no

TABLE: hie_implementation_stage

Data table: A list of stages that can be used to indicate the stage at which a state is in implementing a statewide health information exchange

Table "public.hie_implementation_stage"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with hit_elements records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A short description of an implementation stage
value	character varying(254)		extended		Not used.

Indexes:
"hie_implementation_stage_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "hit_elements" CONSTRAINT "hit_elements_hie_implementation_stage_fk" FOREIGN KEY (hie_implementation_stage_id) REFERENCES hie_implementation_stage(id)
Has OIDs: no

TABLE: hie_participant

Data table: A list of other systems the HIE can interface with

Table "public.hie_participant"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with hit_elements records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A short description of a state run system or registry
value	character varying(254)		extended		Not used.

Indexes:
"hie_participant_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "hit_elements" CONSTRAINT "hit_elements_hie_participant_fk" FOREIGN KEY (hie_participant_id) REFERENCES hie_participant(id)
Has OIDs: no

TABLE: hit_elements

Data table: Information on a State's NBS program with regard to Health Information Technoloy.

Table "public.hit_elements"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
birthing_centers_using_entry_portal_count	integer		plain		For the last calendar year, indicates the number of birthing hospitals using the web portal to enter the information for the DBS.
birthing_centers_using_retrieval_portal_count	integer		plain		For the last calendar year, indicates the number of birthing hospitals using the web portal to retreive the information for the DBS.
electronically_sent_result_count	integer		plain		The number of sample reports associated with HL7 order messaging for the last calendar year.
electronically_sent_sample_count	integer		plain		Indicate how many samples are associated with HL7 order messaging for the last calendar year
facilitystatisticsportaldescription	character varying(3999)		extended		Text describing the reports and statistics available on the web-portal.
facility_statistics_portal_present	boolean		plain		Boolean value indicating if the portal provides statistics for state newborn sceening systems including turn around time, ad-hoc reports, etc.
hie_exchange_funds_received	boolean		plain		Boolean value indicating if the state lab did or will receive funds for interfacing with the statewide health information exchange.
nbs_data_entry_portal_present	boolean		plain		Boolean value indicating if a state NBS laboratory has a web portal for hospitals to enter DBS orders

					and information from the DBS card.
nbs_data_sharing_portal_present	boolean		plain		Boolean value indicating if a state NBS laboratory has a web portal for hospitals to enter or retrieve information related to the DBS orders and results
nbs_result_retrieval_portal_present	boolean		plain		Boolean value indicating if a state NBS laboratory has a web portal for hospitals to receive DBS orders and information from the DNC card
order_messages_accepted	boolean		plain		Boolean value indicating whether the State laboratory accepts HL7 order messages
ordering_birthing_center_count	integer		plain		Count of how many birthing centers in State sent orders electronically for the last calendar year
other_cchd_result_integration_method	character varying(254)		extended		Text describing the integration of CCHD results into the DBS NBS results. This field can be populated when a user selects "other" from the list of choices made available from the cchd_result_integration_method table.
other_coding_system	character varying(254)		extended		Text describing the coding systems used in a program for NBS orders and results. This field can be populated when a user selects "other" from the list of choices made available from the coding_system table.
other_facility_statistics_provider_description	character varying(3999)		extended		Text describing the reports and statistics available from the alternative statistics provider.
other_facility_statistics_provider_present	boolean		plain		Boolean value indicating whether another an alternative method to the lab web portal of providing statistics is available.
other_hearing_result_integration_method	character varying(254)		extended		Text describing the integration of hearing screening results into the DBS NBS results. This field can be populated when a user selects "other" from the list of choices made available from the hearing_result_integration_method table.
other_hie_data_exchange_stage	character varying(254)		extended		Text describing the stage at which a state is in exchanging data with a statewide health information exchange. The field can be populated when a user selects "other" from the list of choices made available from the hie_data_exchange_stage table
other_hie_implementation_stage	character varying(254)		extended		Text describing the stage a state is in implementing a statewide health information exchange. This field can be populated when a user selects "other" from the list of choices made available from the hie_implementation_stage table.
other_hie_participant	character varying(254)		extended		Text describing what other systems a statewide health information exchange interfaces with. This field can be populated when a user selects "other" from the list of choices made available from the hie_participant table
other_implementation_guide	character varying(254)		extended		Text describing the implementation guide and HL7 version used in a state NBS program. This field can be populated when a user selects "other" from the list of choices made available from the implementation_guide table.
other_statewide_databases	character varying(254)		extended		Text describing a statewide database(s) that are integrated with state NBS systems databases. This field can be populated when a user selects "other" from the list of choices made available from the statewide_database table.
receiving_birthing_center_count	integer		plain		The number of birthing centers the State interfaced with to via electronic result messages for the last calendar year
result_messages_sent	boolean		plain		Boolean value indicate whether State laboratory sends HL7 DBS results to birthing hospitals.

samples_entered_using_entry_portal_count	integer		plain		For the last calendar year, the number of samples associated with the web portal entry
cchd_result_integration_method_id	bigint		plain		Primary key to row in the cchd_result_integration_method table that indicate the method by which CCHD results are integrated with the DBS NBS results.
hearing_result_integration_method_id	bigint		plain		Primary key to a row in the hearing_result_integration_method table that indicates the method by which hearing results are integrated with the DBS NBS results.
hie_data_exchange_stage_id	bigint		plain		Primary key to a row in the hie_data_exchange_stage table that indicates the stage at which a state is in implementing a statewide health information exchange
hie_implementation_stage_id	bigint		plain		Primary key to a row in the hie_implementation_stage table that indicates the stage at which a state is in exchanging data with a statewide health information exchange
hie_participant_id	bigint		plain		Primary key to a row in the hie_participant table that indicates what other systems a statewide health information exchange interfaces with.
nbs_result_accessor_id	bigint		plain		Primary key to a row in the nbs_result_accessor table that allows the state to indicate if the state is currently sending NBS results to/through the HIE, who can access the results.
nbs_result_sending_method_id	bigint		plain		Primary key to a row in the nbs_result_sending_method table that indicates, if NBS results are going to/through the HIE, how the results are sent to birth hospitals/pediatric providers.
other_nbs_result_sending_method	character varying(254)		extended		Text describing how results are sent to birth hospitals/pediatric providers to/through a statewide health information exchange. This field can be populated when a user selects "other" from the list of choices made available from the nbs_result_sending_method table.

Indexes:
"hit_elements_pkey" PRIMARY KEY, btree (id)
"hit_elements_cchd_result_integration_method_idx" btree (cchd_result_integration_method_id)
"hit_elements_hearing_result_integration_method_idx" btree (hearing_result_integration_method_id)
"hit_elements_hie_data_exchange_stage_idx" btree (hie_data_exchange_stage_id)
"hit_elements_hie_implementation_stage_idx" btree (hie_implementation_stage_id)
"hit_elements_hie_participant_idx" btree (hie_participant_id)
"hit_elements_nbs_result_accessor_idx" btree (nbs_result_accessor_id)
"hit_elements_nbs_sending_method_idx" btree (nbs_result_sending_method_id)
Check constraints:
"hit_elements_birthing_centers_using_entry_portal_count_check" CHECK (birthing_centers_using_entry_portal_count >= 0)
"hit_elements_birthing_centers_using_retrieval_portal_coun_check" CHECK (birthing_centers_using_retrieval_portal_count >= 0)
"hit_elements_electronically_sent_result_count_check" CHECK (electronically_sent_result_count >= 0)
"hit_elements_electronically_sent_sample_count_check" CHECK (electronically_sent_sample_count >= 0)
"hit_elements_ordering_birthing_center_count_check" CHECK (ordering_birthing_center_count >= 0)
"hit_elements_receiving_birthing_center_count_check" CHECK (receiving_birthing_center_count >= 0)
"hit_elements_samples_entered_using_entry_portal_count_check" CHECK (samples_entered_using_entry_portal_count >= 0)
Foreign-key constraints:
"hit_elements_cchd_result_integration_method_fk" FOREIGN KEY (cchd_result_integration_method_id) REFERENCES cchd_result_integration_method(id)
"hit_elements_hearing_result_integration_method_fk" FOREIGN KEY (hearing_result_integration_method_id) REFERENCES hearing_result_integration_method(id)
"hit_elements_hie_data_exchange_stage_fk" FOREIGN KEY (hie_data_exchange_stage_id) REFERENCES hie_data_exchange_stage(id)
"hit_elements_hie_implementation_stage_fk" FOREIGN KEY (hie_implementation_stage_id) REFERENCES hie_implementation_stage(id)
"hit_elements_hie_participant_fk" FOREIGN KEY (hie_participant_id) REFERENCES hie_participant(id)
"hit_elements_nbs_result_accessor_fk" FOREIGN KEY (nbs_result_accessor_id) REFERENCES nbs_result_accessor(id)
"hit_elements_nbs_resut_sending_method_fk" FOREIGN KEY (nbs_result_sending_method_id) REFERENCES nbs_result_sending_method(id)
Referenced by:
TABLE "hit_elements_coding_systems" CONSTRAINT "hit_elements_coding_systems_hit_element_id_fk" FOREIGN KEY (hit_elements_id)

REFERENCES hit_elements(id)
    TABLE "hit_elements_statewide_databases" CONSTRAINT "hit_elements_databases_hit_element_id_fk" FOREIGN KEY (hit_elements_id)
REFERENCES hit_elements(id)
    TABLE "hit_elements_implementation_guides" CONSTRAINT "hit_elements_guides_hit_element_id_fk" FOREIGN KEY (hit_elements_id)
REFERENCES hit_elements(id)
    TABLE "state_nbs_profile" CONSTRAINT "state_profile_hit_elements_fk" FOREIGN KEY (hit_elements_id) REFERENCES hit_elements(id)
Has OIDs: no

TABLE: hit_elements_coding_systems

Data table: Association table linking hit_element records with coding_system records indicating the coding systems used in a program for NBS orders and results

Table "public.hit_elements_coding_systems"

Column	Type	Modifiers	Storage	Stats target	Description
hit_elements_id	bigint	not null	plain		Primary key of a row in the hit_elements table.
coding_system_id	bigint	not null	plain		Primary key of a rowin the coding_system table.

Indexes:
    "hit_elements_coding_systems_pkey" PRIMARY KEY, btree (hit_elements_id, coding_system_id)
Foreign-key constraints:
    "hit_elements_coding_systems_coding_system_id_fk" FOREIGN KEY (coding_system_id) REFERENCES coding_system(id)
    "hit_elements_coding_systems_hit_element_id_fk" FOREIGN KEY (hit_elements_id) REFERENCES hit_elements(id)
Has OIDs: no

TABLE: hit_elements_implementation_guides

Data table: Association table that links hit_element records with implementation_guide records (many-to-many) to indicate for a calendar year, the implementation guide and HL7 versions used in a state NBS program

Table "public.hit_elements_implementation_guides"

Column	Type	Modifiers	Storage	Stats target	Description
hit_elements_id	bigint	not null	plain		Primary key of a row in the hit_elements table.
guide_id	bigint	not null	plain		Primary key of a row in the implementation_guide table.

Indexes:
    "hit_elements_implementation_guides_pkey" PRIMARY KEY, btree (hit_elements_id, guide_id)
Foreign-key constraints:
    "hit_elements_guides_guide_id_fk" FOREIGN KEY (guide_id) REFERENCES implementation_guide(id)
    "hit_elements_guides_hit_element_id_fk" FOREIGN KEY (hit_elements_id) REFERENCES hit_elements(id)
Has OIDs: no

TABLE: hit_elements_statewide_databases

Data table: Association table linking hit_element records with statewide_database record to indicate the other databases that are integrated with state NBS systems databases.

Table "public.hit_elements_statewide_databases"

Column	Type	Modifiers	Storage	Stats target	Description
hit_elements_id	bigint	not null	plain		Primary key of a row in the hit_elements table.
database_id	bigint	not null	plain		Primary key of a row in the statewide_database table

Indexes:
    "hit_elements_statewide_databases_pkey" PRIMARY KEY, btree (hit_elements_id, database_id)
Foreign-key constraints:
    "hit_elements_databases_database_id_fk" FOREIGN KEY (database_id) REFERENCES statewide_database(id)
    "hit_elements_databases_hit_element_id_fk" FOREIGN KEY (hit_elements_id) REFERENCES hit_elements(id)
Has OIDs: no

TABLE: holocarboxylase_synthetase_case

Data table: Records the additional information associated the condition 'Holocarboxylase synthase deficiency - MCD' in association with an infant record.

Table "public.holocarboxylase_synthetase_case"

Column	Type	Modifiers	Storage	Stats target	Description
c3_level	character varying(255)		extended		Plasma acylcarnitines C3 level test results: Contrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
c5_oh_level	character varying(255)		extended		Plasma acylcarnitines C5-OH level test results: Contrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
biotinidase_study_result	character varying(255)		extended		Infant chemistries (biotinidase) studies result: Contrained by application logic to 'ABNORMAL', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
hlcs_gene_allele_one	character varying(255)		extended		Mutation analysis done for HLCS gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
hlcs_gene_allele_two	character varying(255)		extended		Mutation analysis done for HLCS gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
other_gene_allele_one	character varying(255)		extended		Mutation analysis done for other gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
other_gene_allele_two	character varying(255)		extended		Mutation analysis done for other gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
pyruvate_carboxylase_enzyme_analysis_result	character varying(255)		extended		Enzyme analysis for holocarboxylase synthetase deficiency enzyme activity result: Constrained by application logic to 'CONSISTENT', 'INCONSISTENT', 'UNKNOWN', or 'UNTESTED'.
three_methylcrotonyl_gylcine_acid_level	character varying(255)		extended		Urine organic acid 3-methylcrotonyl glycine level: Contrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
three_oh_isolvaleric_acid_level	character varying(255)		extended		Urine organic acid 3OH Isovaleric acid level: Contrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
three_oh_propionic_acid_level	character varying(255)		extended		Urine organic acid 3OH Propionic acid level: Contrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.
other_gene_name	character varying(255)		extended		The name of the other gene for which mutation analysis was done
final_diagnosis_id	bigint		plain		Primary key of a row in the condition table that identifies the condition affecting this infant.

					Constrained by application code to only allow conditions that are child conditions to the parent condition with a name value of 'Holocarboxylase synthase deficiency - MCD'.
other_final_diagnosis_name	character varying(255)		extended		Name of the final diagnosis. Can only be entered by user when final condition selected for final_diagnosis_id starts with 'Other'.
urine_organic_acids_tested	character varying(255)		extended		Answer to the question, Were urine organic acids tested.
plasma_acylcarnitines_tested	character varying(255)		extended		Answer to the question, Were plasma acylcarnitines tested.
biotinidase_study_completed	character varying(255)		extended		Answer to the question, Were infant chemistries (biotinidase) studies completed.
enzyme_analysis_completed	character varying(255)		extended		Answer to the question, Was enzyme analysis for holocarboxylase synthetase deficiency enzyme activity completed.
mutation_analysis_done	character varying(255)		extended		Answer to the question, Was mutation analysis done

Indexes:
"holocarboxylase_synthetase_case_pkey" PRIMARY KEY, btree (id)
"holocarboxylase_synthetase_case_final_diagnosis_idx" btree (final_diagnosis_id)
Foreign-key constraints:
"fk762adb87d96389be" FOREIGN KEY (id) REFERENCES infant(id)
"mma_with_homocystinuria_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
Has OIDs: no

TABLE: hyper_phe_case

Data table: Records the additional information associated the condition 'Benign hyperphenylalaninemia - H-PHE' in association with an infant record.

Table "public.hyper_phe_case"

Column	Type	Modifiers	Storage	Stats target	Description
biopterin_studies_result	character varying(255)		extended		Test results from biopterin studies: Constrained by application logic to 'ABNORMAL', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
pah_enzyme_analysis_result	character varying(255)		extended		Enzyme analysis for Hyperphe (inclusive of classic PKU) enzyme activity results: Constrained by application logic to 'CONSISTENT', 'INCONSISTENT', 'UNKNOWN', or 'UNTESTED'.
pah_gene_allele_one	character varying(255)		extended		Mutation analysis done for PAH gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
pah_gene_allele_two	character varying(255)		extended		Mutation analysis done for PAH gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
phe_level	character varying(255)		extended		Plasma amino acids levels for PHE: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.
other_gene_name	character varying(255)		extended		The name of the other gene for which mutation analysis was done
other_gene_allele_one	character varying(255)		extended		Mutation analysis done for other gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
other_gene_allele_two	character varying(255)		extended		Mutation analysis done for other gene allele 2: Constrained by application logic to 'DISEASE_CAUSING',

					'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
final_diagnosis_id	bigint		plain		Primary key of a row in the condition table that identifies the condition affecting this infant. Constrained by application code to only allow conditions that are child conditions to the parent condition with a name value of 'Benign hyperphenylalaninemia - H-PHE'.
phe_tyr_ratio	character varying(255)		extended		Plasma amino acids Phe/Tyr ratio tests: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
plasma_amino_acids_tested	character varying(255)		extended		Answer to the question, Were plasma amino acids collected
biopterin_studies_completed	character varying(255)		extended		Answer to the question, Were biopterin studies done
enzyme_analysis_completed	character varying(255)		extended		Answer to the question, was enzyme analysis completed
mutation_analysis_done	character varying(255)		extended		Answer to the question, Was mutation analysis done

Indexes:
"hyper_phe_case_pkey" PRIMARY KEY, btree (id)
"hyper_phe_case_final_diagnosis_idx" btree (final_diagnosis_id)
Foreign-key constraints:
"fk9e2cb35d96389be" FOREIGN KEY (id) REFERENCES infant(id)
"mma_with_homocystinuria_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
Has OIDs: no

TABLE: implementation_guide

Data table: A list of implementation guides and HL7 versions that can be associated with a state NBS program via association table hit_elements_implementation_guides.

Table "public.implementation_guide"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with hit_elements_implementation_guides records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A short description of an implementation guide and HL7 version
value	character varying(254)		extended		Not used.

Indexes:
"implementation_guide_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "hit_elements_implementation_guides" CONSTRAINT "hit_elements_guides_guide_id_fk" FOREIGN KEY (guide_id) REFERENCES implementation_guide(id)
Has OIDs: no

TABLE: indefinite_follow_up_period

Data table: A list of descriptions that can be used to describe the of time period for short term follow-up following an inconclusive diagnosis in the state.

Table "public.indefinite_follow_up_period"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with nbs_policies records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A short description of a time period for follow-up
value	character varying(254)		extended		Not used.

Indexes:
"indefinite_follow_up_period_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "nbs_policies" CONSTRAINT "nbs_policies_indefinite_follow_up_period_fk" FOREIGN KEY (indefinite_follow_up_period_id) REFERENCES indefinite_follow_up_period(id)
Has OIDs: no

TABLE: infant

Data table: The basic information about the infant associated with a 'case' record.

Table "public.infant"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
external_id	character varying(255)	not null	extended		The unique id assiged to the case in the reporting State.
screened_condition_id	bigint		plain		Primary key of a row in the condition table that identifies the condition affecting this infant.
external_id_assigner_id	bigint	not null	plain		Primary key of a row in the institution table that identifies the state that has reported the case.
birth_weight	integer		plain		Birth weight of the infant in grams.
gestational_age	integer		plain		gestational age of the infant in weeks.
biological_gender	character varying(255)		extended		The biological gender of the infant; constrained by application code to the values: 'Male', 'Female', 'Unspecified', 'Unknown'.
created_date	timestamp without time zone	not null	plain		The date the infant record was created.
last_updated_date	timestamp without time zone	not null	plain		The data the infant record was last updated
prenatal_testing_done	boolean		plain		Boolean value used it indicate prenatal testing done that indicated that this infant was at risk for this disorder. A null value indicates 'Unknown'.

abnormal_screening_result_id	bigint		plain		Primary key of a row in the screening_result table that indicates which newborn screen result indicated this infant was at risk for the disorder.
missed_diagnosis	boolean		plain		Boolean value that when true indicates that this infant was diagnosed later in life (not identified by newborn screening). A null value indicates 'Unknown'.
missed_diagnosis_reason_id	bigint		plain		Primary key of a row in the missed_diagnosis_reason table used to indicate the reason that the diagnosis was not identified by newborn screening. The field is constrained by application code to only allow a value when the missed_diagnosis column is true.
other_missed_diagnosis_reason	character varying(254)		extended		A short text description of why the diagnosis was missed at the time of newborn screening. This field can be populated when a user selects 'other' from the list of choices made available from the missed_diagnosis_reason table.
birth_year	integer	not null	plain		The year the infant was born.
initial_specimen_collection_interval	integer		plain		Time elapsed since birth until the initial NBS specimen was collected, in hours. Used when associated condition.test_type = 'LAB'.
initial_specimen_receipt_interval	integer		plain		Time elapsed since birth until the initial NBS specimen was received by the lab, in days (as measured by 24 hour periods since the birth). Used when associated condition.test_type = 'LAB'.
initial_result_release_interval	integer		plain		Time elapsed since birth until the release of Out-of-Range Results as a result of the initial screen, in days (as measured by 24 hour periods since the birth). Used when associated condition.test_type = 'LAB'.
subsequent_specimen_collection_interval	integer		plain		Time elapsed since birth until the subsequent NBS specimen was collected, in days (as measured by 24 hour periods since the birth). Used when associated condition.test_type = 'LAB'.
subsequent_specimen_receipt_interval	integer		plain		Time elapsed since birth until the subsequent NBS specimen was received by the lab, in days (as measured by 24 hour periods since the birth). Used when associated condition.test_type = 'LAB'.
subsequent_result_release_interval	integer		plain		Time elapsed since birth until the release of Out-of-Range Results as a result of the subsequent screen, in days (as measured by 24 hour periods since the birth). Used when associated condition.test_type = 'LAB'.
intervention_interval	integer		plain		Time elapsed since birth until intervention by an appropriate medical provider occurred, in days (as measured by 24 hour periods since the birth).
diagnosis_confirmation_interval	integer		plain		Time elapsed since birth until confirmation of the diagnosis occurred, in days (as measured by 24 hour periods since the birth).
case_complete	boolean	default false	plain		Boolean value, when true indicating that all avaliable information about the case has been recorded.
ethnicity	character		extended		The reported ethnicity of the infant;

	varying(255)				constrained by application code to one of the following values: 'Hispanic, Latino/a or Spanish origin', 'Not of Hispanic, Latino/a or Spanish origin', 'Not Reported', and 'Unknown'.
poc_test_interval	integer		plain		Time elapsed from birth in hours until the point of care screening test was performed. Not used when associated condition.test_type = 'LAB'.
poc_test_interval_includes_time	boolean		plain		Boolean value that when true signifies that the data available for the calculation of elapsed time included time as well as date. Not used when associated condition.test_type = 'LAB'.
initial_specimen_collection_interval_includes_time	boolean		plain		Boolean value that when true signifies that the data available for the calculation of elapsed time included time as well as date. Used when associated condition.test_type = 'LAB'.
initial_specimen_receipt_interval_includes_time	boolean		plain		Boolean value that when true signifies that the data available for the calculation of elapsed time included time as well as date. Used when associated condition.test_type = 'LAB'.
initial_result_release_interval_includes_time	boolean		plain		Boolean value that when true signifies that the data available for the calculation of elapsed time included time as well as date. Used when associated condition.test_type = 'LAB'.
subsequent_specimen_collection_interval_includes_time	boolean		plain		Boolean value that when true signifies that the data available for the calculation of elapsed time included time as well as date. Used when associated condition.test_type = 'LAB'.
subsequent_specimen_receipt_interval_includes_time	boolean		plain		Boolean value that when true signifies that the data available for the calculation of elapsed time included time as well as date. Used when associated condition.test_type = 'LAB'.
subsequent_result_release_interval_includes_time	boolean		plain		Boolean value that when true signifies that the data available for the calculation of elapsed time included time as well as date. Used when associated condition.test_type = 'LAB'.
family_history_risk	boolean		plain		Was there a family history that indicated that this infant was at risk for the disorder associated with this infant.
case_def_certainty	character varying(255)		extended		A level of certainty that can be assigned to a diagnosis based on recorded test results.
case_def_condition	character varying(255)		extended		Indication of the rule set used the determination of the case_def_certainty.
treatment_in_other_state	boolean		plain		A boolean field used to indicate if the infant is receiving treatment in another state.
treatment_state	character varying(254)		extended		Used to designate in which state an infant is receiving treatment if the treatment_in_other_state field is set to true
note	text		extended		A text field to help the editor keep track of items that need further refinement (i.e., inconclusive vs. false positive, etc.). In the application this information shown only to state users and not to NewSTEPs.

diagnosis_reversed	boolean		plain		A boolean field used to indicate if a diagnosis was reversed.
diagnosis_reversed_year	integer		plain		Is used to register the year a diagnosis was reversed.

Indexes:
"infant_pkey" PRIMARY KEY, btree (id)
"infant_abnormal_screening_result_idx" btree (abnormal_screening_result_id)
"infant_institution_idx" btree (external_id_assigner_id)
"infant_missed_diagnosis_reason_idx" btree (missed_diagnosis_reason_id)
"infant_screened_condition_idx" btree (screened_condition_id)
Check constraints:
"infant_birth_weight_check" CHECK (birth_weight >= 1)
"infant_birth_year_check" CHECK (birth_year >= 1)
"infant_diagnosis_confirmation_interval_check" CHECK (diagnosis_confirmation_interval >= 0)
"infant_gestational_age_check" CHECK (gestational_age >= 1)
"infant_initial_result_release_interval_check" CHECK (initial_result_release_interval >= 0)
"infant_initial_specimen_collection_interval_check" CHECK (initial_specimen_collection_interval >= 0)
"infant_initial_specimen_receipt_interval_check" CHECK (initial_specimen_receipt_interval >= 0)
"infant_intervention_interval_check" CHECK (intervention_interval >= 0)
"infant_subsequent_result_release_interval_check" CHECK (subsequent_result_release_interval >= 0)
"infant_subsequent_specimen_collection_interval_check" CHECK (subsequent_specimen_collection_interval >= 0)
"infant_subsequent_specimen_receipt_interval_check" CHECK (subsequent_specimen_receipt_interval >= 0)
Foreign-key constraints:
"infant_abnormal_screening_result_fk" FOREIGN KEY (abnormal_screening_result_id) REFERENCES screening_result(id)
"infant_institution_fk" FOREIGN KEY (external_id_assigner_id) REFERENCES institution(id)
"infant_missed_diagnosis_reason_fk" FOREIGN KEY (missed_diagnosis_reason_id) REFERENCES missed_diagnosis_reason(id)
"infant_screened_condition_fk" FOREIGN KEY (screened_condition_id) REFERENCES condition(id)
Referenced by:
TABLE "hb_sickle_case" CONSTRAINT "fk19ab3b6ad96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "isovaleric_aciduria_case" CONSTRAINT "fk258b3261d96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "ch_case" CONSTRAINT "fk2bea1ecad96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "tyrosinemia_type_i_case" CONSTRAINT "fk2cfc0e02d96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "cf_case" CONSTRAINT "fk2db0fc23d96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "three_mcc_case" CONSTRAINT "fk2db0fc23d96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "cbs_case" CONSTRAINT "fk35dd8c9bd96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "biotinidase_case" CONSTRAINT "fk47dc90e8d96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "cchd_case" CONSTRAINT "fk636368640a" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "propionic_acidemia_case" CONSTRAINT "fk6e903d92d96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "scid_case" CONSTRAINT "fk736369640a" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "holocarboxylase_synthetase_case" CONSTRAINT "fk762adb87d96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "galactosemia_case" CONSTRAINT "fk86c6de6bd96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "mcad_case" CONSTRAINT "fk881e376d96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "gai_case" CONSTRAINT "fk8f6b8ea0d96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "cud_case" CONSTRAINT "fk95b411dd96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "hyper_phe_case" CONSTRAINT "fk9e2cb35d96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "msud_case" CONSTRAINT "fka891527ad96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "cit_case" CONSTRAINT "fka9de0401d96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "mma_without_homocystinuria_case" CONSTRAINT "fkb228f500d96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "asa_case" CONSTRAINT "fkcaade700d96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "mma_with_homocystinuria_case" CONSTRAINT "fkcb006a3ad96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "vlcad_case" CONSTRAINT "fke1798bfd96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "infant_races" CONSTRAINT "fke8f758a9bbc4237" FOREIGN KEY (infant_id) REFERENCES infant(id)
TABLE "tfp_case" CONSTRAINT "fkea4bea91d96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "cah_case" CONSTRAINT "fkee320285d96389be" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "hb_other_case" CONSTRAINT "hb_other_infant_fk" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "mps_type_1_case" CONSTRAINT "mps_type_1_case_id_fk" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "pompe_case" CONSTRAINT "pompe_case_id_fk" FOREIGN KEY (id) REFERENCES infant(id)
TABLE "xald_case" CONSTRAINT "xald_case_id_fk" FOREIGN KEY (id) REFERENCES infant(id)
Has OIDs: no

TABLE: infant_races

Data table: Association table that allows one infant record to be associated with several races (enumerated values defined in application code)

Table "public.infant_races"

Column	Type	Modifiers	Storage	Stats target	Description
infant_id	bigint	not null	plain		Primary key of a row in the infant table.
race	character varying(255)	not null	extended		A race that may be associated with an infant: Constrained by application logic to 'WHITE', 'BLACK_OR_AFRICAN_AMERICAN', 'NATIVE_AMERICAN', 'ASIAN', 'INDIAN', 'CHINESE', 'FILIPINO', 'JAPANESE', 'KOREAN', 'VIETNAMESE', 'OTHER_ASIAN', 'ISLANDER', 'HAWAIIAN', 'GUAMANIAN', 'SAMOAN', 'OTHER_ISLANDER', 'NOT_REPORTED', 'UNKNOWN'.

Foreign-key constraints:
"fke8f758a9bbc4237" FOREIGN KEY (infant_id) REFERENCES infant(id)
Has OIDs: no

TABLE: institution

Application table and Data table: A government, business or educational entity. All registered users must be associated with an institution. All states are also listed as institutions.

Table "public.institution"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
contact_email	character varying(255)		extended		Not used.
contact_first_name	character varying(255)		extended		Not used.
contact_last_name	character varying(255)		extended		Not used.
contact_phone	character varying(255)		extended		Not used.
contact_phone_extension	character varying(255)		extended		Not used.
homepage	character varying(254)		extended		Not used.
name	character varying(254)	not null	extended		Name of the entity. For states this is always the common name, not the official name. For example 'Virginia' instead of 'The Commonwealth of Virginia'
address_id	bigint		plain		Primary key of a row in the address table identifying an address for this entity
institution_type_id	bigint	not null	plain		Primary key of a row in the institution_type identifying which type of institution this row is
institution_profile_url	character varying(254)		extended		Not used.
consortium_member	boolean	not null default false	plain		A true value identifies the row as a state government reporting newborn screening results. Includes the 50 states, the District of Columbia, Puerto Rico, and Guam

Indexes:
"institution_pkey" PRIMARY KEY, btree (id)
"institution_name_key" UNIQUE, btree (lower(name::text))
"inst_address_idx" btree (address_id)
"institution_id_name_idx" btree (id, name)
"institution_institution_type_idx" btree (institution_type_id)
Foreign-key constraints:
"inst_address_fk" FOREIGN KEY (address_id) REFERENCES address(id)
"institution_institution_type_fk" FOREIGN KEY (institution_type_id) REFERENCES institution_type(id)
Referenced by:
TABLE "annual_births" CONSTRAINT "births_institution_fk" FOREIGN KEY (institution_id) REFERENCES institution(id)
TABLE "infant" CONSTRAINT "infant_institution_fk" FOREIGN KEY (external_id_assigner_id) REFERENCES institution(id)
TABLE "user_institution_specific_group" CONSTRAINT "institution_specific_group_institution_fk" FOREIGN KEY (institution_id)

REFERENCES institution(id)
    TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_qi_institution_fk" FOREIGN KEY (institution_id) REFERENCES institution(id)
    TABLE "state_nbs_profile" CONSTRAINT "profile_institution_fk" FOREIGN KEY (institution_id) REFERENCES institution(id)
    TABLE "screening_statistics" CONSTRAINT "statistics_instititution_fk" FOREIGN KEY (institution_id) REFERENCES institution(id)
    TABLE "true_cases" CONSTRAINT "true_cases_instititution_fk" FOREIGN KEY (institution_id) REFERENCES institution(id)
    TABLE "application_user" CONSTRAINT "user_institution_fk" FOREIGN KEY (institution_id) REFERENCES institution(id)
    TABLE "user_representable_institutions" CONSTRAINT "user_representable_institutions_institution_fk" FOREIGN KEY (institution_id) REFERENCES institution(id)
Has OIDs: no

TABLE: institution_type

Application table: A list of the possible institution types. Each each institution must assigned one type

Table "public.institution_type"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
name	character varying(254)	not null	extended		The descriptive name for the row
active	boolean	not null	plain		A boolean flag designating if this row can be used for new institution records
value	character varying(254)		extended		Not used
created_date	timestamp without time zone	not null	plain		The date this row was created
last_updated_date	timestamp without time zone	not null	plain		The date this row was last updated

Indexes:
    "institution_type_pkey" PRIMARY KEY, btree (id)
    "institution_type_name_idx" UNIQUE, btree (lower(name::text))
Referenced by:
    TABLE "institution" CONSTRAINT "institution_institution_type_fk" FOREIGN KEY (institution_type_id) REFERENCES institution_type(id)
Has OIDs: no

TABLE: isovaleric_aciduria_case

Data table: Records the additional information associated the condition 'Isovaleric acidemia - IVA' in association with an infant record.

Table "public.isovaleric_aciduria_case"

Column	Type	Modifiers	Storage	Stats target	Description
c5_level	character varying(255)		extended		Plasma acylcarnitines C5 test result levels: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
isovaleric_acid_level	character varying(255)		extended		Urine organic acids 3OH Isovaleric acid level test results: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
isovaleryl_co_a_enzyme_analysis_result	character varying(255)		extended		Enzyme analysis for isovaleryl-CoA dehydrogenase results: Constrained by application logic to 'CONSISTENT', 'INCONSISTENT', 'UNKNOWN', or 'UNTESTED'.
isovaleryl_glycine_level	character varying(255)		extended		Urine organic acids glycine level test results: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
ivd_gene_allele_one	character varying(255)		extended		Mutation analysis done for IVD gene allele 1: Constrained by application logic to 'DISEASE_CAUSING',

					'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
ivd_gene_allele_two	character varying(255)		extended		Mutation analysis done for IVD gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.
other_gene_name	character varying(255)		extended		The name of the other gene for which mutation analysis was done
other_gene_allele_one	character varying(255)		extended		Mutation analysis done for other gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
other_gene_allele_two	character varying(255)		extended		Mutation analysis done for other gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
urine_organic_acids_tested	character varying(255)		extended		Answer to question, Were urine organic acids tested
plasma_acylcarnitines_tested	character varying(255)		extended		Answer to question, Were plasma acylcarnitines tested
enzyme_analysis_completed	character varying(255)		extended		Answer to question, Was enzyme analysis completed for isovaleryl-CoA dehydrogenase
mutation_analysis_done	character varying(255)		extended		Answer to the question, Was mutation analysis done

Indexes:
"isovaleric_aciduria_case_pkey" PRIMARY KEY, btree (id)
Foreign-key constraints:
"fk258b3261d96389be" FOREIGN KEY (id) REFERENCES infant(id)
Has OIDs: no

TABLE: it_infrastructure

Data table: A collection of elements that provide a description of a NBS program's Information Technology infrastructure

Table "public.it_infrastructure"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
database_data_loss_amount	numeric(19,2)		main		A estimate of the total potential loss of data if data must be restored from a backup, typically in hours (i.e. 24 hours).
database_data_loss_amount_unknown	boolean		plain		A boolean value, which when true indicates that the amount of data lost due to a database failure is unknown.
desktop_support_fte_percent	numeric(19,2)		main		The percentage a FTE of that is dedicated specifically for NBS for desktop support activities.
follow_up_software_support	numeric(19,2)		main		The percentage a FTE of that is dedicated specifically for NBS for Follow-up Support activities.

hl7_fte_perecent	numeric(19,2)		main		The percentage a FTE of that is dedicated specifically for NBS for HL7 Messaging/Terminology Support activities.
instrument_data_loss_amount	numeric(19,2)		main		The number of hours of instrument data that could potentially be lost in case of an instrument data storage failure.
instrument_data_loss_amount_unknown	boolean		plain		A boolean value, which when true indicates that the amount of data lost due to instrument data storage failure is unknown.
it_part_of_coop_plan	boolean		plain		A boolean value, which when true indicates that IT is part of the laboratory's overall Disaster Recovery/COOP plan.
it_recovery_time	numeric(19,2)		main		Number of hours it would take to restore NBS program IT infrastructure.
it_recovery_time_unknown	boolean		plain		A boolean value, which when true indicates that the number of hours required to restore a NBS program IT infrastructure is unknown.
lims_management_fte_percent	numeric(19,2)		main		The percentage a FTE of that is dedicated specifically for NBS for LIMS management activities.
network_support_fte_percent	numeric(19,2)		main		The percentage a FTE of that is dedicated specifically for NBS for network support activities.
off_site_redundancy_present	boolean		plain		A boolean value, which when true indicates that an off-site redundant IT operations center exists to replace the IT operations center in event of a disaster.
on_site_redundancy_present	boolean		plain		A boolean value, which when true indicates that an on-site redundant IT operations center exists to replace the IT operations center in event of a disaster.
other_backup_frequency	character varying(254)		extended		Text description indicating the frequency of data backup. This field can be supplied when a user selects "other" from the list of choices made available from the backup_frequency table.
other_disaster_recovery_hardware	character varying(254)		extended		Text description indicating resources available for disaster recovery. This field can be supplied when a user selects "other" from the list of choices made available from the disaster_recovery_hardware table
other_lab_system	character varying(254)		extended		Text description of the information system used by a NBS program laboratory. This field can be supplied when a user selects "other" from the list of choices made available from the laboratory_information_management_system table.
other_stfu_system	character varying(254)		extended		Text description of the information system used by a NBS follow-up program. This field can be supplied when a user selects "other" from the list of choices made available from the laboratory_information_management_system table.
backup_frequency_id	bigint		plain		The primary key of a row in the backup_frequency table that indicates the frequency of data backup.
lab_system_id	bigint		plain		The primary key of a row in the laboratory_information_management_system table that identifies the information system that is currently in use by a NBS program laboratory
stfu_system_id	bigint		plain		The primary key of a row in the laboratory_information_management_system table that identifies the information system that is currently in use by a NBS follow-up program
support_description	character varying(3999)		extended		A text description of how the state NBS program IT Support works.

Indexes:
"it_infrastructure_pkey" PRIMARY KEY, btree (id)
"it_infrastructure_backup_frequency_idx" btree (backup_frequency_id)
"it_infrastructure_lab_system_idx" btree (lab_system_id)

"it_infrastructure_stfu_system_idx" btree (stfu_system_id)
Check constraints:
"it_infrastructure_database_data_loss_amount_check" CHECK (database_data_loss_amount >= 0::numeric)
"it_infrastructure_desktop_support_fte_percent_check" CHECK (desktop_support_fte_percent >= 0::numeric)
"it_infrastructure_follow_up_software_support_check" CHECK (follow_up_software_support >= 0::numeric)
"it_infrastructure_hl7_fte_perecent_check" CHECK (hl7_fte_perecent >= 0::numeric)
"it_infrastructure_instrument_data_loss_amount_check" CHECK (instrument_data_loss_amount >= 0::numeric)
"it_infrastructure_it_recovery_time_check" CHECK (it_recovery_time >= 0::numeric)
"it_infrastructure_lims_management_fte_percent_check" CHECK (lims_management_fte_percent >= 0::numeric)
"it_infrastructure_network_support_fte_percent_check" CHECK (network_support_fte_percent >= 0::numeric)
Foreign-key constraints:
"it_infrastructure_backup_frequency_fk" FOREIGN KEY (backup_frequency_id) REFERENCES backup_frequency(id)
"it_infrastructure_lab_system_fk" FOREIGN KEY (lab_system_id) REFERENCES laboratory_information_management_system(id)
"it_infrastructure_stfu_system_fk" FOREIGN KEY (stfu_system_id) REFERENCES laboratory_information_management_system(id)
Referenced by:
TABLE "it_infrastructure_recovery_hardware" CONSTRAINT "it_infrastructure_hardware_infrasatructure_id" FOREIGN KEY (infrastructure_id) REFERENCES it_infrastructure(id)
TABLE "state_nbs_profile" CONSTRAINT "state_profile_it_infrastructure_fk" FOREIGN KEY (it_infrastructure_id) REFERENCES it_infrastructure(id)
Has OIDs: no

TABLE: it_infrastructure_recovery_hardware

Data table: An association that linking it_infrastructure and disaster_recovery_hardware that identifies resources available for disaster recovery.

Table "public.it_infrastructure_recovery_hardware"

Column	Type	Modifiers	Storage	Stats target	Description
infrastructure_id	bigint	not null	plain		The primary key of a row in the it_infrastructure table that links this record to an it_infrastructure record.
hardware_id	bigint	not null	plain		The primary key of a row in the disaster_recovery_hardware table that links this record to a disaster_recovery_hardware record.

Indexes:
"it_infrastructure_recovery_hardware_pkey" PRIMARY KEY, btree (infrastructure_id, hardware_id)
Foreign-key constraints:
"it_infrastructure_hardware_hardware_id" FOREIGN KEY (hardware_id) REFERENCES disaster_recovery_hardware(id)
"it_infrastructure_hardware_infrasatructure_id" FOREIGN KEY (infrastructure_id) REFERENCES it_infrastructure(id)
Has OIDs: no

TABLE: lab_activity

Data table: A list of activities that might be performed by the NBS laboratory on Saturday and Sunday.

Table "public.lab_activity"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with other records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A description of the lab activity
value	character		extended		Not used.

	varying(254)				

Indexes:
"lab_activity_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "program_lab_activity" CONSTRAINT "program_lab_activity_lab_activity_fk" FOREIGN KEY (lab_activity_id) REFERENCES lab_activity(id)
Has OIDs: no

TABLE: lab_test_addition_challenge

Data table: An association table that allows a NBS program to identify multiple challenges to adding new tests to lab screenings and also to rank the challenges.

Table "public.lab_test_addition_challenge"

Column	Type	Modifiers	Storage	Stats target	Description
test_addition_details_id	bigint	not null	plain		Primary key of a row in the test_addition_details table that identifies information on adding tests for a program/year
challenge_id	bigint		plain		Primary key of a row in the test_addition_challenge table that identifies the associated challenge.
ranking_id	bigint		plain		Primary key of a row in the ranking table that identifies the ranking of the challenge for the program.

Indexes:
"lab_test_addition_challenge_ranking_challenge_idx" btree (challenge_id)
"lab_test_addition_challenge_ranking_details_idx" btree (test_addition_details_id)
"lab_test_addition_challenge_ranking_ranking_idx" btree (ranking_id)
Foreign-key constraints:
"lab_test_addition_challenge_ranking_challenge_fk" FOREIGN KEY (challenge_id) REFERENCES test_addition_challenge(id)
"lab_test_addition_challenge_ranking_details_fk" FOREIGN KEY (test_addition_details_id) REFERENCES test_addition_details(id)
"lab_test_addition_challenge_ranking_ranking_fk" FOREIGN KEY (ranking_id) REFERENCES ranking(id)
Has OIDs: no

TABLE: lab_test_addition_requirements

Data table: An association table that allows a NBS program to identify multiple additional requirements that are necessary to add a new test to a laboratory screening.

Table "public.lab_test_addition_requirements"

Column	Type	Modifiers	Storage	Stats target	Description
test_addition_details_id	bigint	not null	plain		Primary key of a row in the test_addition_details table that identifies information on adding tests for a program/year
requirement_id	bigint	not null	plain		Primary key of a row in the test_addition_requirement that identifies an associated additional requirement for adding a test for a program/year

Indexes:
"lab_test_addition_requirements_pkey" PRIMARY KEY, btree (test_addition_details_id, requirement_id)
Foreign-key constraints:
"lab_test_addition_requirements_requirement_fk" FOREIGN KEY (requirement_id) REFERENCES test_addition_requirement(id)
"lab_test_addition_requirements_test_addition_details_fk" FOREIGN KEY (test_addition_details_id) REFERENCES test_addition_details(id)
Has OIDs: no

TABLE: laboratory_information_management_system

Data table: A list of names of Laboratory Information Management Systems.

Table "public.laboratory_information_management_system"

Column	Type	Modifiers	Storage	Stats	Description

				target	
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with it_infrastructure records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		The name of a laboratory information management system.
value	character varying(254)		extended		Not used.

Indexes:
"laboratory_information_management_system_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "it_infrastructure" CONSTRAINT "it_infrastructure_lab_system_fk" FOREIGN KEY (lab_system_id) REFERENCES laboratory_information_management_system(id)
TABLE "it_infrastructure" CONSTRAINT "it_infrastructure_stfu_system_fk" FOREIGN KEY (stfu_system_id) REFERENCES laboratory_information_management_system(id)
Has OIDs: no

TABLE: laboratory_type

Data table: Describes NBS program laboratory types.

Table "public.laboratory_type"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with state_nbs_profile records. 't' indicates that the type is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		The short description of this laboratory type.
value	character varying(254)		extended		Not used.

Indexes:
"laboratory_type_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "responsible_laboratory" CONSTRAINT "laboratory_type_fk" FOREIGN KEY (laboratory_type_id) REFERENCES laboratory_type(id)
Has OIDs: no

TABLE: language

Data table: A list of languages.

Table "public.language"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with other records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		The English name of a language
value	character varying(254)		extended		Not used.

Indexes:
"language_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "program_structure_program_info_language" CONSTRAINT "program_structure_program_info_language_language_fk" FOREIGN KEY (language_id) REFERENCES language(id)
Has OIDs: no

TABLE: lob_holder

Data table: holds binary data from files uploaded by users.

Table "public.lob_holder"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
data	oid	not null	plain		Binary file data.

Indexes:
"lob_holder_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "state_nbs_profile" CONSTRAINT "fk5ee5fbfb75f64d6c" FOREIGN KEY (screening_card_image_file_lob_id) REFERENCES lob_holder(id)
TABLE "state_nbs_profile" CONSTRAINT "fk5ee5fbfbb2779606" FOREIGN KEY (hearing_form_file_lob_id) REFERENCES lob_holder(id)
TABLE "advisory_committee_details" CONSTRAINT "fkc00288e04a77528a" FOREIGN KEY (structure_file_lob_id) REFERENCES lob_holder(id)
TABLE "advisory_committee_details" CONSTRAINT "fkc00288e057ae6e4b" FOREIGN KEY (charge_file_lob_id) REFERENCES lob_holder(id)
TABLE "program_structure" CONSTRAINT "fkc98bf1782a1e43bb" FOREIGN KEY (brochure_file_lob_id) REFERENCES lob_holder(id)
TABLE "program_structure" CONSTRAINT "fkc98bf178efa6dbda" FOREIGN KEY (org_chart_file_lob_id) REFERENCES lob_holder(id)
Has OIDs: no

TABLE: login_attempt

Application table: tracks each login attempted with a valid username

Table "public.login_attempt"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
user_id	bigint	not null	plain		The primary key of a row in the application_user table associating this login attempt record with a username

successful	boolean	not null	plain		A boolean value representing the success of the login attempt, with true indicating that the login was successful
date	timestamp without time zone	not null	plain		The date on which the login attempt occurred

Indexes:
"login_attempt_pkey" PRIMARY KEY, btree (id)
"login_attempt_user_idx" btree (user_id)
Foreign-key constraints:
"login_attempt_user_fk" FOREIGN KEY (user_id) REFERENCES application_user(id)
Has OIDs: no

TABLE: long_time_interval_counts

Data table: The counts for which a State is reporting data (see quality_indicator_data table) of a particular type at various long time intervals

Table "public.long_time_interval_counts"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'.
between_seven_and_ten_days	integer		plain		The count of events that occurred between seven and ten days.
between_ten_and_fourteen_days	integer		plain		The count of events that occurred between ten and fourteen days.
greater_than_fourteen_days	integer		plain		The count of events that occurred in a time span of greater than fourteen days.
less_than_seven_days	integer		plain		The count of events that occurred in less than seven days.
unknown	integer		plain		The count of events that occurred in an unknown period of time

Indexes:
"long_time_interval_counts_pkey" PRIMARY KEY, btree (id)
Check constraints:
"long_time_interval_counts_between_seven_and_ten_days_check" CHECK (between_seven_and_ten_days >= 0)
"long_time_interval_counts_between_ten_and_fourteen_days_check" CHECK (between_ten_and_fourteen_days >= 0)
"long_time_interval_counts_greater_than_fourteen_days_check" CHECK (greater_than_fourteen_days >= 0)
"long_time_interval_counts_less_than_seven_days_check" CHECK (less_than_seven_days >= 0)
"long_time_interval_counts_unknown_check" CHECK (unknown >= 0)
Referenced by:
TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_subsequent_dbs_collection_counts_fk" FOREIGN KEY (subsequent_dbs_collection_counts_id) REFERENCES long_time_interval_counts(id)
TABLE "quality_indicator_data" CONSTRAINT "qi_data_second_screen_dbs_collection_counts_fk" FOREIGN KEY (second_screen_dbs_collection_counts_id) REFERENCES long_time_interval_counts(id)
TABLE "quality_indicator_data" CONSTRAINT "qi_data_subsequent_dbs_collection_counts_fk" FOREIGN KEY (subsequent_dbs_collection_counts_id) REFERENCES long_time_interval_counts(id)
Has OIDs: no

TABLE: mcad_case

Data table: Records the additional information associated the condition 'Medium-chain acyl-CoA dehydrogenase deficiency - MCAD' in association with an infant record.

Table "public.mcad_case"

Column	Type	Modifiers	Storage	Stats target	Description
acadm_gene_allele_one	character varying(255)		extended		Mutation analysis done for ACADM gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
acadm_gene_allele_two	character		extended		Mutation analysis done for ACADM gene allele 1:

	varying(255)				Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
c10_level	character varying(255)		extended		Plasma acylcarnitines tests C10 level: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
c6_level	character varying(255)		extended		Plasma acylcarnitines tests C6 level: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
c8_level	character varying(255)		extended		Plasma acylcarnitines tests C8 level: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
c8_level_on_repeat_testing	character varying(255)		extended		Plasma acylcarnitines tests repeat C8 level: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
fibroblast_analysis_result	character varying(255)		extended		Functional analysis of fatty acid oxidation in cultured fibroblasts test result: Constrained by application logic to 'CONSISTENT', 'INCONSISTENT', 'UNKNOWN', or 'UNTESTED'.
hexanoylglycine_level	character varying(255)		extended		Urine organic acids or aclyglycines tested Hexanoylglycine level results: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
mcad_enzyme_analysis_result	character varying(255)		extended		Enzyme analysis for MCAD enzyme activity result: Constrained by application logic to 'CONSISTENT', 'INCONSISTENT', 'UNKNOWN', or 'UNTESTED'.
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.
other_gene_name	character varying(255)		extended		The name of the other gene for which mutation analysis was done
other_gene_allele_one	character varying(255)		extended		Mutation analysis done for other gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
other_gene_allele_two	character varying(255)		extended		Mutation analysis done for other gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
c8_greater_than_c10	character varying(255)		extended		Plasma acylcarnitines tests C8 greater than C10 level: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', 'FALSE'.
c8_greater_than_c6	character varying(255)		extended		Plasma acylcarnitines tests C6 greater than C8 level: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', 'FALSE'.
urine_organic_acids_aclyglycines_tested	character varying(255)		extended		Answer to the question, Were urine organic acids or aclyglycines tested
plasma_acylcarnitines_tested	character varying(255)		extended		Answer to the question, Were plasma acylcarnitines tested
fibroblasts_analysis_performed	character varying(255)		extended		Answer to the question, Was functional analysis of fatty acid oxidation in cultured fibroblasts performed
enzyme_analysis_completed	character varying(255)		extended		Answer to the question, Was enzyme analysis for MCAD enzyme activity completed
mutation_analysis_done	character varying(255)		extended		Answer to the question, Was mutation analysis done

Indexes:
    "mcad_case_pkey" PRIMARY KEY, btree (id)
Foreign-key constraints:
    "fk881e376d96389be" FOREIGN KEY (id) REFERENCES infant(id)
Has OIDs: no

TABLE: medium_day_interval_counts

Data table: The counts for which a State is reporting data (see monthly_quality_indicator_data table) of a particular type at 1 day intervals from day 0 to day 7 and greater.

Table "public.medium_day_interval_counts"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'.
day0	integer		plain		The count of events that occurred same day.
day1	integer		plain		The count of events that occurred on day 1.
day2	integer		plain		The count of events that occurred on day 2.
day3	integer		plain		The count of events that occurred on day 3.
day4	integer		plain		The count of events that occurred on day 4.
day5	integer		plain		The count of events that occurred on day 5
day6	integer		plain		The count of events that occurred on day 6
day7_and_greater	integer		plain		The count of events that occurred on day 7 and greater.
unknown	integer		plain		The count of events that occurred in an unknown period of days

Indexes:
    "medium_day_interval_counts_pkey" PRIMARY KEY, btree (id)
Check constraints:
    "medium_day_interval_counts_day0_check" CHECK (day0 >= 0)
    "medium_day_interval_counts_day1_check" CHECK (day1 >= 0)
    "medium_day_interval_counts_day2_check" CHECK (day2 >= 0)
    "medium_day_interval_counts_day3_check" CHECK (day3 >= 0)
    "medium_day_interval_counts_day4_check" CHECK (day4 >= 0)
    "medium_day_interval_counts_day5_check" CHECK (day5 >= 0)
    "medium_day_interval_counts_day6_check" CHECK (day6 >= 0)
    "medium_day_interval_counts_day7_and_greater_check" CHECK (day7_and_greater >= 0)
    "medium_day_interval_counts_unknown_check" CHECK (unknown >= 0)
Referenced by:
    TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_initial_receipt_day_counts_fk" FOREIGN KEY (initial_dbs_receipt_day_counts_id) REFERENCES medium_day_interval_counts(id)
    TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_qi_data_receipt_to_report_first_screen_day_counts_fk" FOREIGN KEY (receipt_to_report_first_screen_day_counts_id) REFERENCES medium_day_interval_counts(id)
    TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_qi_data_receipt_to_report_second_screen_day_counts_fk" FOREIGN KEY (receipt_to_report_second_screen_day_counts_id) REFERENCES medium_day_interval_counts(id)
    TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_qi_data_receipt_to_report_subsequent_screen_day_counts_" FOREIGN KEY (receipt_to_report_subsequent_screen_day_counts_id) REFERENCES medium_day_interval_counts(id)
    TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_receipt_to_report_positive_day_counts_fk" FOREIGN KEY (receipt_to_report_positive_day_counts_id) REFERENCES medium_day_interval_counts(id)
    TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_receipt_to_report_time_critical_day_count_fk" FOREIGN KEY (receipt_to_report_time_critical_day_counts_id) REFERENCES medium_day_interval_counts(id)
    TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_subsequent_dbs_receipt_day_counts_fk" FOREIGN KEY (subsequent_dbs_receipt_day_counts_id) REFERENCES medium_day_interval_counts(id)
    TABLE "quality_indicator_data" CONSTRAINT "qi_data_initial_dbs_receipt_day_counts_fk" FOREIGN KEY (initial_dbs_receipt_day_counts_id) REFERENCES medium_day_interval_counts(id)
    TABLE "quality_indicator_data" CONSTRAINT "qi_data_receipt_to_report_first_screen_day_counts_fk" FOREIGN KEY (receipt_to_report_first_screen_day_counts_id) REFERENCES medium_day_interval_counts(id)
    TABLE "quality_indicator_data" CONSTRAINT "qi_data_receipt_to_report_positive_day_counts_fk" FOREIGN KEY (receipt_to_report_positive_day_counts_id) REFERENCES medium_day_interval_counts(id)
    TABLE "quality_indicator_data" CONSTRAINT "qi_data_receipt_to_report_second_screen_day_counts_fk" FOREIGN KEY (receipt_to_report_second_screen_day_counts_id) REFERENCES medium_day_interval_counts(id)
    TABLE "quality_indicator_data" CONSTRAINT "qi_data_receipt_to_report_subsequent_screen_day_counts_fk" FOREIGN KEY (receipt_to_report_subsequent_screen_day_counts_id) REFERENCES medium_day_interval_counts(id)
    TABLE "quality_indicator_data" CONSTRAINT "qi_data_receipt_to_report_time_critical_day_counts_fk" FOREIGN KEY (receipt_to_report_time_critical_day_counts_id) REFERENCES medium_day_interval_counts(id)

TABLE "quality_indicator_data" CONSTRAINT "qi_data_subsequent_dbs_receipt_day_counts_fk" FOREIGN KEY (subsequent_dbs_receipt_day_counts_id) REFERENCES medium_day_interval_counts(id)
Has OIDs: no

TABLE: medium_extended_time_interval_counts

Data table: The counts for which a State is reporting data (see quality_indicator_data table) of a particular type at various medium length time intervals

Table "public.medium_extended_time_interval_counts"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'.
less_than_forty_eight_hours	integer		plain		The count of events that occurred in less then forty eight hours
between_two_and_three_days	integer		plain		The count of events that occurred greater than 48 hours to 72 hours
between_three_and_four_days	integer		plain		The count of events that occurred greater than 72 hours (3 days) to 96 hours (4 days)
between_four_and_five_days	integer		plain		The count of events that occurred greater than 96 hours (4 days) to 120 hours (5 days)
between_five_and_six_days	integer		plain		The count of events that occurred greater than 120 hours (5 days) to 144 hours (6 days)
between_six_and_seven_days	integer		plain		The count of events that occurred greater than 144 hours (6 days) to 168 hours (7 days)
between_seven_and_eight_days	integer		plain		The count of events that occurred greater than 168 hours (7 days) to 192 hours (8 days)
between_eight_and_nine_days	integer		plain		The count of events that occurred greater than 192 hours (8 days) to 216 hours (9 days)
between_nine_and_ten_days	integer		plain		The count of events that occurred greater than 216 hours (9 days) to 240 hours (10 days)
greater_than_ten_days	integer		plain		The count of events that occurred greater than 240 hours (10 days)
unknown	integer		plain		The count of events that occurred where the time elapsed is unknown

Indexes:
"medium_extended_time_interval_counts_pkey" PRIMARY KEY, btree (id)
Check constraints:
"medium_extended_time_interva_between_seven_and_eight_days_check" CHECK (between_seven_and_eight_days >= 0)
"medium_extended_time_interval__between_four_and_five_days_check" CHECK (between_four_and_five_days >= 0)
"medium_extended_time_interval__between_six_and_seven_days_check" CHECK (between_six_and_seven_days >= 0)
"medium_extended_time_interval__between_two_and_three_days_check" CHECK (between_two_and_three_days >= 0)
"medium_extended_time_interval_between_eight_and_nine_days_check" CHECK (between_eight_and_nine_days >= 0)
"medium_extended_time_interval_between_three_and_four_days_check" CHECK (between_three_and_four_days >= 0)
"medium_extended_time_interval_c_between_five_and_six_days_check" CHECK (between_five_and_six_days >= 0)
"medium_extended_time_interval_c_between_nine_and_ten_days_check" CHECK (between_nine_and_ten_days >= 0)
"medium_extended_time_interval_count_greater_than_ten_days_check" CHECK (greater_than_ten_days >= 0)
"medium_extended_time_interval_counts_unknown_check" CHECK (unknown >= 0)
"medium_extended_time_interval_less_than_forty_eight_hours_check" CHECK (less_than_forty_eight_hours >= 0)
Referenced by:
TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_birth_to_report_complete_counts_fk" FOREIGN KEY (birth_to_report_complete_counts_id) REFERENCES medium_extended_time_interval_counts(id)
TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_birth_to_report_positive_counts_fk" FOREIGN KEY (birth_to_report_positive_counts_id) REFERENCES medium_extended_time_interval_counts(id)
TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_birth_to_report_time_critical_counts_fk" FOREIGN KEY (birth_to_report_time_critical_counts_id) REFERENCES medium_extended_time_interval_counts(id)
TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_qi_data_birth_to_report_first_screen_counts_fk" FOREIGN KEY (birth_to_report_first_screen_counts_id) REFERENCES medium_extended_time_interval_counts(id)
TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_qi_data_birth_to_report_second_screen_counts_fk" FOREIGN KEY (birth_to_report_second_screen_counts_id) REFERENCES medium_extended_time_interval_counts(id)
TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_qi_data_birth_to_report_subsequent_screen_counts_fk" FOREIGN KEY (birth_to_report_subsequent_screen_counts_id) REFERENCES medium_extended_time_interval_counts(id)
TABLE "quality_indicator_data" CONSTRAINT "qi_data_birth_to_report_complete_counts_fk" FOREIGN KEY (birth_to_report_complete_counts_id) REFERENCES medium_extended_time_interval_counts(id)

TABLE "quality_indicator_data" CONSTRAINT "qi_data_birth_to_report_first_counts_fk" FOREIGN KEY (birth_to_report_first_counts_id) REFERENCES medium_extended_time_interval_counts(id)
TABLE "quality_indicator_data" CONSTRAINT "qi_data_birth_to_report_positive_counts_fk" FOREIGN KEY (birth_to_report_positive_counts_id) REFERENCES medium_extended_time_interval_counts(id)
TABLE "quality_indicator_data" CONSTRAINT "qi_data_birth_to_report_second_counts_fk" FOREIGN KEY (birth_to_report_second_counts_id) REFERENCES medium_extended_time_interval_counts(id)
TABLE "quality_indicator_data" CONSTRAINT "qi_data_birth_to_report_subsequent_counts_fk" FOREIGN KEY (birth_to_report_subsequent_counts_id) REFERENCES medium_extended_time_interval_counts(id)
TABLE "quality_indicator_data" CONSTRAINT "qi_data_birth_to_report_time_critical_counts_fk" FOREIGN KEY (birth_to_report_time_critical_counts_id) REFERENCES medium_extended_time_interval_counts(id)
Has OIDs: no

TABLE: medium_time_interval_counts

Data table: The counts for which a State is reporting data (see quality_indicator_data table) of a particular type at various medium time intervals

Table "public.medium_time_interval_counts"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'.
between_five_and_six_days	integer		plain		The count of events with elapsed time greater than 120 hours (5 days) to 144 hours (6 days)
between_four_and_five_days	integer		plain		The count of events with elapsed time greater than 96 hours (4 days) to 120 hours (5 days)
between_one_and_two_days	integer		plain		The count of events with elapsed time greater than 24 hours to 48 hours
between_three_and_four_days	integer		plain		The count of events with elapsed time greater than 72 hours (3 days) to 96 hours (4 days)
between_two_and_three_days	integer		plain		The count of events with elapsed time greater than 48 hours to 72 hours
greater_than_six_days	integer		plain		The count of events with elapsed time greater than 144 hours (6 days)
less_than_one_day	integer		plain		The count of events with elapsed time of less than 24 hours
unknown	integer		plain		The count of events that occurred in an unknown period of time

Indexes:
"medium_time_interval_counts_pkey" PRIMARY KEY, btree (id)
Check constraints:
"medium_time_interval_counts_between_five_and_seven_days_check" CHECK (between_five_and_six_days >= 0)
"medium_time_interval_counts_between_four_and_five_days_check" CHECK (between_four_and_five_days >= 0)
"medium_time_interval_counts_between_one_and_two_days_check" CHECK (between_one_and_two_days >= 0)
"medium_time_interval_counts_between_three_and_four_days_check" CHECK (between_three_and_four_days >= 0)
"medium_time_interval_counts_between_two_and_three_days_check" CHECK (between_two_and_three_days >= 0)
"medium_time_interval_counts_greater_than_seven_days_check" CHECK (greater_than_six_days >= 0)
"medium_time_interval_counts_less_than_one_day_check" CHECK (less_than_one_day >= 0)
"medium_time_interval_counts_unknown_check" CHECK (unknown >= 0)
Referenced by:
TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_initial_receipt_counts_fk" FOREIGN KEY (initial_dbs_receipt_counts_id) REFERENCES medium_time_interval_counts(id)
TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_subsequent_dbs_receipt_counts_fk" FOREIGN KEY (subsequent_dbs_receipt_counts_id) REFERENCES medium_time_interval_counts(id)
TABLE "quality_indicator_data" CONSTRAINT "qi_data_initial_dbs_receipt_counts_fk" FOREIGN KEY (initial_dbs_receipt_counts_id) REFERENCES medium_time_interval_counts(id)
TABLE "quality_indicator_data" CONSTRAINT "qi_data_subsequent_dbs_receipt_counts_fk" FOREIGN KEY (subsequent_dbs_receipt_counts_id) REFERENCES medium_time_interval_counts(id)
Has OIDs: no

TABLE: meeting_frequency

Data table: List of meeting frequecies that can be associated with a meeting (see advisory_committee_details table).

Table "public.meeting_frequency"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with other records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A short description of the meeting frequency.
value	character varying(254)		extended		Not used.

Indexes:
"meeting_frequency_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "advisory_committee_details" CONSTRAINT "advisory_committee_details_meeting_frequency_fk" FOREIGN KEY (meeting_frequency_id) REFERENCES meeting_frequency(id)
Has OIDs: no

TABLE: missed_diagnosis_reason

Data table: A list of possible reasons that can be associated with an infant to indicate why newborn screening missed the diagnosis of this infants condition.

Table "public.missed_diagnosis_reason"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with infant records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		The short description of the reason for the missed diagnosis.
value	character varying(254)		extended		Not used.
false_negative	boolean	not null	plain		A boolean value that when true indicates that this reason includes the possibility of a false negative.

Indexes:
"missed_diagnosis_reason_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "infant" CONSTRAINT "infant_missed_diagnosis_reason_fk" FOREIGN KEY (missed_diagnosis_reason_id) REFERENCES missed_diagnosis_reason(id)
Has OIDs: no

TABLE: mma_with_homocystinuria_case

Data table: Records the additional information associated the condition 'Methylmalonic acidemia with homocystinuria - Cbl C,D' in association with an infant record.

Table "public.mma_with_homocystinuria_case"

Column	Type	Modifiers	Storage	Stats target	Description
abcd4_gene_allele_one	character varying(255)		extended		Mutation analysis done for ABCD4 gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
abcd4_gene_allele_two	character varying(255)		extended		Mutation analysis done for ABCD4 gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
c3_level	character varying(255)		extended		Plasma acylcarnitines level for C3: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
c3orf25_gene_allele_one	character varying(255)		extended		Mutation analysis done for C2ORF25 gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
c3orf25_gene_allele_two	character varying(255)		extended		Mutation analysis done for C2ORF25 gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
enzyme_complementation_study_result	character varying(255)		extended		Enzyme complementation studies result: Constrained by application logic to 'CONSISTENT', 'INCONSISTENT', 'UNKNOWN', or 'UNTESTED'.
infant_b12_level	character varying(255)		extended		Infant vitamin B12 levels test results: Constrained by application logic to 'LOW', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
lmbrd1_gene_allele_one	character varying(255)		extended		Mutation analysis done for LMBRD1 gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
lmbrd1_gene_allele_two	character varying(255)		extended		Mutation analysis done for LMBRD1 gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
maternal_b12_level	character varying(255)		extended		Maternal vitamin B12 levels test results: Constrained by application logic to 'LOW', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
mmach_gene_allele_one	character varying(255)		extended		Mutation analysis done for MMACHC gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
mmach_gene_allele_two	character varying(255)		extended		Mutation analysis done for MMACHC gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE',

					'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
other_gene_allele_one	character varying(255)		extended		Mutation analysis done for other gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
other_gene_allele_two	character varying(255)		extended		Mutation analysis done for other gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
plasma_homocysteine_level	character varying(255)		extended		Total plasma homocysteine test results: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
serum_mma_level	character varying(255)		extended		MMA level in serum test results: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
urine_mma_level	character varying(255)		extended		MMA level in urine test results: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.
final_diagnosis_id	bigint		plain		Primary key of a row in the condition table that identifies the condition affecting this infant. Constrained by application code to only allow conditions that are child conditions to the parent condition with a name value of 'Methylmalonic acidemia with homocystinuria - Cbl C,D'.
other_final_diagnosis_name	character varying(255)		extended		Name of the final diagnosis. Can only be entered by user when final condition selected for final_diagnosis_id starts with 'Other'.
other_gene_name	character varying(255)		extended		The name of the other gene for which mutation analysis was done
serum_mmalevel_tested	character varying(255)		extended		Answer to the question was serum MMA level tested
urine_mmalevel_tested	character varying(255)		extended		Answer to the question was urine MMA level tested
plasma_acylcarnitines_tested	character varying(255)		extended		Answer to the question, Were plasma acylcarnitines tested
maternal_b12_level_tested	character varying(255)		extended		Answer to the question, Were maternal vitamin B12 levels tested
infant_b12_level_tested	character varying(255)		extended		Answer to the question, Were infant vitamin B12 levels tested
plasma_homocysteine_level_tested	character varying(255)		extended		Answer to the question, Was total plasma homocysteine tested
enzyme_complementation_study_completed	character varying(255)		extended		Answer to the question, Were enzyme complementation studies completed
mutation_analysis_done	character varying(255)		extended		Answer to the question, Was mutation analysis done

Indexes:
"mma_with_homocystinuria_case_pkey" PRIMARY KEY, btree (id)
"mma_with_homocystinuria_final_diagnosis_idx" btree (final_diagnosis_id)
Foreign-key constraints:
"fkcb006a3ad96389be" FOREIGN KEY (id) REFERENCES infant(id)
"mma_with_homocystinuria_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
Has OIDs: no

TABLE: mma_without_homocystinuria_case

Data table: Records the additional information associated the condition 'Methylmalonic acidemia (cobalamin disorders) - Cbl A,B' in association with an infant record.

Table "public.mma_without_homocystinuria_case"

Column	Type	Modifiers	Storage	Stats target	Description
c3_level	character varying(255)		extended		Plasma acylcarnitines level for C3: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
enzyme_complementation_study_result	character varying(255)		extended		Enzyme complementation studies result: Constrained by application logic to 'CONSISTENT', 'INCONSISTENT', 'UNKNOWN', or 'UNTESTED'.
infant_b12_level	character varying(255)		extended		Infant vitamin B12 levels test results: Constrained by application logic to 'LOW', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
maternal_b12_level	character varying(255)		extended		Maternal vitamin B12 levels test results: Constrained by application logic to 'LOW', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
other_gene_allele_one	character varying(255)		extended		Mutation analysis done for other gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
other_gene_allele_two	character varying(255)		extended		Mutation analysis done for other gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
plasma_homocysteine_level	character varying(255)		extended		Total plasma homocysteine test results: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
serum_mma_level	character varying(255)		extended		MMA level in serum test results: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
urine_mma_level	character varying(255)		extended		MMA level in urine test results: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
methylmalonyl_coa_mutase_gene_allele_one	character varying(255)		extended		Mutation analysis done for METHYLMALONYL-CoA MUTASE gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
methylmalonyl_coa_mutase_gene_allele_two	character varying(255)		extended		Mutation analysis done for METHYLMALONYL-CoA MUTASE gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
mmach_gene_allele_one	character varying(255)		extended		Mutation analysis done for MMAA gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
mmach_gene_allele_two	character varying(255)		extended		Mutation analysis done for MMAA gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE',

					'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
mmab_gene_allele_one	character varying(255)		extended		Mutation analysis done for MMAB gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
mmab_gene_allele_two	character varying(255)		extended		Mutation analysis done for MMAB gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.
final_diagnosis_id	bigint		plain		Primary key of a row in the condition table that identifies the condition affecting this infant. Constrained by application code to only allow conditions that are child conditions to the parent condition with a name value of 'Methylmalonic acidemia (cobalamin disorders) - Cbl A,B'.
other_gene_name	character varying(255)		extended		The name of the other gene for which mutation analysis was done
serum_mmalevel_tested	character varying(255)		extended		Answer to the question was serum MMA level tested
urine_mmalevel_tested	character varying(255)		extended		Answer to the question was urine MMA level tested
plasma_acylcarnitines_tested	character varying(255)		extended		Answer to the question, Were plasma acylcarnitines tested
maternal_b12_level_tested	character varying(255)		extended		Answer to the question, Were maternal vitamin B12 levels tested
infant_b12_level_tested	character varying(255)		extended		Answer to the question, Were infant vitamin B12 levels tested
plasma_homocysteine_level_tested	character varying(255)		extended		Answer to the question, Was total plasma homocysteine tested
enzyme_complementation_study_completed	character varying(255)		extended		Answer to the question, Were enzyme complementation studies completed
mutation_analysis_done	character varying(255)		extended		Answer to the question, Was mutation analysis done

Indexes:
"mma_without_homocystinuria_case_pkey" PRIMARY KEY, btree (id)
"mma_without_homocystinuria_final_diagnosis_idx" btree (final_diagnosis_id)
Foreign-key constraints:
"fkb228f500d96389be" FOREIGN KEY (id) REFERENCES infant(id)
"mma_with_homocystinuria_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
Has OIDs: no

TABLE: monthly_birth_to_report_complete_sum

View "public.monthly_birth_to_report_complete_sum"

Column	Type	Modifiers	Storage	Description
id	bigint		plain	
sum	bigint		plain	

View definition:
SELECT x.id,
sum(

```
CASE
WHEN x.less_than_forty_eight_hours IS NOT NULL THEN x.less_than_forty_eight_hours
ELSE 0
END +
CASE
WHEN x.between_two_and_three_days IS NOT NULL THEN x.between_two_and_three_days
ELSE 0
END +
CASE
WHEN x.between_three_and_four_days IS NOT NULL THEN x.between_three_and_four_days
ELSE 0
END +
CASE
WHEN x.between_four_and_five_days IS NOT NULL THEN x.between_four_and_five_days
ELSE 0
END +
CASE
WHEN x.between_five_and_six_days IS NOT NULL THEN x.between_five_and_six_days
ELSE 0
END +
CASE
WHEN x.between_six_and_seven_days IS NOT NULL THEN x.between_six_and_seven_days
ELSE 0
END +
CASE
WHEN x.between_seven_and_eight_days IS NOT NULL THEN x.between_seven_and_eight_days
ELSE 0
END +
CASE
WHEN x.between_eight_and_nine_days IS NOT NULL THEN x.between_eight_and_nine_days
ELSE 0
END +
CASE
WHEN x.between_nine_and_ten_days IS NOT NULL THEN x.between_nine_and_ten_days
ELSE 0
END +
CASE
WHEN x.greater_than_ten_days IS NOT NULL THEN x.greater_than_ten_days
ELSE 0
END +
CASE
WHEN x.unknown IS NOT NULL THEN x.unknown
ELSE 0
END) AS sum
FROM monthly_quality_indicator_data m
JOIN medium_extended_time_interval_counts x ON m.birth_to_report_complete_counts_id = x.id
GROUP BY x.id;
```

TABLE: monthly_birth_to_report_positive_sum

View "public.monthly_birth_to_report_positive_sum"

Column	Type	Modifiers	Storage	Description
id	bigint		plain	
sum	bigint		plain	

View definition:

```
 SELECT x.id,
sum(
CASE
WHEN x.less_than_forty_eight_hours IS NOT NULL THEN x.less_than_forty_eight_hours
ELSE 0
END +
CASE
WHEN x.between_two_and_three_days IS NOT NULL THEN x.between_two_and_three_days
ELSE 0
END +
CASE
```

```
WHEN x.between_three_and_four_days IS NOT NULL THEN x.between_three_and_four_days
ELSE 0
END +
CASE
WHEN x.between_four_and_five_days IS NOT NULL THEN x.between_four_and_five_days
ELSE 0
END +
CASE
WHEN x.between_five_and_six_days IS NOT NULL THEN x.between_five_and_six_days
ELSE 0
END +
CASE
WHEN x.between_six_and_seven_days IS NOT NULL THEN x.between_six_and_seven_days
ELSE 0
END +
CASE
WHEN x.between_seven_and_eight_days IS NOT NULL THEN x.between_seven_and_eight_days
ELSE 0
END +
CASE
WHEN x.between_eight_and_nine_days IS NOT NULL THEN x.between_eight_and_nine_days
ELSE 0
END +
CASE
WHEN x.between_nine_and_ten_days IS NOT NULL THEN x.between_nine_and_ten_days
ELSE 0
END +
CASE
WHEN x.greater_than_ten_days IS NOT NULL THEN x.greater_than_ten_days
ELSE 0
END +
CASE
WHEN x.unknown IS NOT NULL THEN x.unknown
ELSE 0
END) AS sum
FROM monthly_quality_indicator_data m
JOIN medium_extended_time_interval_counts x ON m.birth_to_report_positive_counts_id = x.id
GROUP BY x.id;
```

TABLE: monthly_birth_to_report_time_critical_sum

View "public.monthly_birth_to_report_time_critical_sum"

Column	Type	Modifiers	Storage	Description
id	bigint		plain	
sum	bigint		plain	

View definition:

```
 SELECT x.id,
sum(
CASE
WHEN x.less_than_forty_eight_hours IS NOT NULL THEN x.less_than_forty_eight_hours
ELSE 0
END +
CASE
WHEN x.between_two_and_three_days IS NOT NULL THEN x.between_two_and_three_days
ELSE 0
END +
CASE
WHEN x.between_three_and_four_days IS NOT NULL THEN x.between_three_and_four_days
ELSE 0
END +
CASE
WHEN x.between_four_and_five_days IS NOT NULL THEN x.between_four_and_five_days
ELSE 0
END +
CASE
```

```
WHEN x.between_five_and_six_days IS NOT NULL THEN x.between_five_and_six_days
ELSE 0
END +
CASE
WHEN x.between_six_and_seven_days IS NOT NULL THEN x.between_six_and_seven_days
ELSE 0
END +
CASE
WHEN x.between_seven_and_eight_days IS NOT NULL THEN x.between_seven_and_eight_days
ELSE 0
END +
CASE
WHEN x.between_eight_and_nine_days IS NOT NULL THEN x.between_eight_and_nine_days
ELSE 0
END +
CASE
WHEN x.between_nine_and_ten_days IS NOT NULL THEN x.between_nine_and_ten_days
ELSE 0
END +
CASE
WHEN x.greater_than_ten_days IS NOT NULL THEN x.greater_than_ten_days
ELSE 0
END +
CASE
WHEN x.unknown IS NOT NULL THEN x.unknown
ELSE 0
END) AS sum
FROM monthly_quality_indicator_data m
JOIN medium_extended_time_interval_counts x ON m.birth_to_report_time_critical_counts_id = x.id
GROUP BY x.id;
```

TABLE: monthly_quality_indicator_data

Data table: Rows respresent quality indicator data for a state for the given month and year

Table "public.monthly_quality_indicator_data"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'.
lastupdateddate	date	not null	plain		Date this row was last updated.
institution_id	bigint	not null	plain		The primary key of a row in the institution table that identifies the State to which this row of data pertains.
year	integer	not null	plain		Calendar year to which this row of data pertains
month	integer	not null	plain		Month to which this row of data pertains
dbsscreenings	integer		plain		Number of infants screened through the state program that received Dried Blood Spot NBS
samples	integer		plain		Number of DBS samples/specimens collected within the state. This should include initial, secondary/subsequent samples/specimens
improper_collection_count	integer		plain		Number of specimens on which labs cannot report a complete newborn screening panel due to improper collection.
improper_transport_count	integer		plain		Number of specimens on which labs cannot report a complete newborn screening panel due to improper transport.
missing_essential_information_count	integer		plain		Number of dried blood spot specimens initially submitted without all state-defined essential information
initial_dbs_collection_counts_id	bigint		plain		The primary key of a row in the short_time_interval_counts table that identifies a

					row with counts for time elapsed from birth to initial dried blood spot specimen collection for all intervals
subsequent_dbs_collection_counts_id	bigint		plain		The primary key of a row in the long_time_interval_counts table that identifies a row with counts for time elapsed from birth to subsequent dried blood spot screens performed for all intervals
receipt_to_report_time_critical_counts_id	bigint		plain		The primary key of a row in the medium_day_interval_counts table that identifies a row with counts for time elapsed from specimen receipt by lab to reporting out of presumptive positive time critical results (communication with provider) for all time intervals.
receipt_to_report_positive_counts_id	bigint		plain		The primary key of a row in the medium_day_interval_counts table that identifies a row with counts for time elapsed from specimen receipt by lab to reporting out of presumptive positive results for all other conditions (communication with provider) for all time intervals.
receipt_to_report_complete_counts_id	bigint		plain		The primary key of a row in the medium_day_interval_counts table that identifies a row with counts for time elapsed from specimen receipt by lab to reporting out of complete results (standard reporting to provider) for all time intervals.
initial_dbs_receipt_counts_id	bigint		plain		DEPRECATED: The primary key of a row in the medium_time_interval_counts table that identifies a row with counts for time elapsed from birth to initial specimen receipt at the lab for all intervals. New records using initial_dbs_receipt_day_counts_id
subsequent_dbs_receipt_counts_id	bigint		plain		DEPRECATED: The primary key of a row in the medium_time_interval_counts table that identifies a row with counts for time elapsed from birth to subsequent specimen receipt at the lab for all intervals. New records using subsequent_dbs_receipt_day_counts_id
birth_to_report_time_critical_counts_id	bigint		plain		DEPRECATED: The primary key of a row in the medium_extended_time_interval_counts table that identifies a row with counts for days elapsed from birth to reporting out time critical disorders for all intervals.
birth_to_report_positive_counts_id	bigint		plain		DEPRECATED: The primary key of a row in the medium_extended_time_interval_counts table that identifies a row with counts for days elapsed from birth to reporting out disorders for all intervals.
birth_to_report_complete_counts_id	bigint		plain		The primary key of a row in the medium_extended_time_interval_counts table that identifies a row with counts for time elapsed from birth to reporting out of complete results (standard reporting to provider) for all time intervals
receipt_to_report_first_screen_counts_id	bigint		plain		
receipt_to_report_subsequent_screen_counts_id	bigint		plain		The primary key of a row in the medium_day_interval_counts table that identifies a row with counts for time elapsed from specimen receipt by lab to reporting out of complete results (standard reporting to provider) for subsequent screens for all time intervals.
receipt_to_report_second_screen_counts_id	bigint		plain		The primary key of a row in the medium_day_interval_counts table that identifies a row with counts for time elapsed from specimen receipt by lab to reporting out of complete results (standard reporting to provider) in two screen states for second screens for all time intervals.

birth_to_report_first_screen_counts_id	bigint		plain		DEPRECATED: The primary key of a row in the medium_extended_time_interval_counts table that identifies a row with counts for days elapsed from birth to reporting out all results for first screens for all intervals.
birth_to_report_subsequent_screen_counts_id	bigint		plain		DEPRECATED: The primary key of a row in the medium_extended_time_interval_counts table that identifies a row with counts for days elapsed from birth to reporting out all results for subsequent screens for all intervals.
birth_to_report_second_screen_counts_id	bigint		plain		DEPRECATED: The primary key of a row in the medium_extended_time_interval_counts table that identifies a row with counts for days elapsed from birth to reporting out all results for second screens for all intervals (2 screen states).
initial_dbs_receipt_day_counts_id	bigint		plain		The primary key of a row in the medium_day_interval_counts table that identifies a row with counts for days elapsed from birth to initial specimen receipt at the lab for all intervals
subsequent_dbs_receipt_day_counts_id	bigint		plain		The primary key of a row in the medium_day_interval_counts table that identifies a row with counts for days elapsed from birth to subsequent specimen receipt at the lab for all intervals
receipt_to_report_second_screen_day_counts_id	bigint		plain		
receipt_to_report_subsequent_screen_day_counts_id	bigint		plain		
receipt_to_report_first_screen_day_counts_id	bigint		plain		
receipt_to_report_positive_day_counts_id	bigint		plain		
receipt_to_report_time_critical_day_counts_id	bigint		plain		
birth_to_report_time_critical_day_counts_id	bigint		plain		The primary key of a row in the multi_day_interval_counts table that identifies a row with counts for days elapsed from birth to reporting out time critical disorders for all intervals.
birth_to_report_positive_day_counts_id	bigint		plain		The primary key of a row in the multi_day_interval_counts table that identifies a row with counts for days elapsed from birth to reporting out disorders for all intervals.
birth_to_report_first_screen_day_counts_id	bigint		plain		The primary key of a row in the multi_day_interval_counts table that identifies a row with counts for days elapsed from birth to reporting out all results for first screens for all intervals.
birth_to_report_subsequent_screen_day_counts_id	bigint		plain		The primary key of a row in the multi_day_interval_counts table that identifies a row with counts for days elapsed from birth to reporting out all results for subsequent screens for all intervals.
birth_to_report_second_screen_day_counts_id	bigint		plain		The primary key of a row in the multi_day_interval_counts table that identifies a row with counts for days elapsed from birth to reporting out all results for second screens for all intervals (2 screen states).

Indexes:
"monthly_quality_indicator_data_pkey" PRIMARY KEY, btree (id)
"monthly_qi_uix" UNIQUE, btree (institution_id, year, month)
Check constraints:
"monthly_quality_indicator_da_missing_essential_informatio_check" CHECK (missing_essential_information_count >= 0)
"monthly_quality_indicator_data_dbsscreenings_check" CHECK (dbsscreenings >= 0)
"monthly_quality_indicator_data_improper_collection_count_check" CHECK (improper_collection_count >= 0)
"monthly_quality_indicator_data_improper_transport_count_check" CHECK (improper_transport_count >= 0)
"monthly_quality_indicator_data_month_check" CHECK (month >= 1 AND month <= 12)
"monthly_quality_indicator_data_samples_check" CHECK (samples >= 0)
"monthly_quality_indicator_data_year_check" CHECK (year >= 2015)

Foreign-key constraints:
"monthly_birth_to_report_complete_counts_fk" FOREIGN KEY (birth_to_report_complete_counts_id) REFERENCES medium_extended_time_interval_counts(id)
"monthly_birth_to_report_positive_counts_fk" FOREIGN KEY (birth_to_report_positive_counts_id) REFERENCES medium_extended_time_interval_counts(id)
"monthly_birth_to_report_positive_day_counts_fk" FOREIGN KEY (birth_to_report_positive_day_counts_id) REFERENCES multi_day_interval_counts(id)
"monthly_birth_to_report_time_critical_counts_fk" FOREIGN KEY (birth_to_report_time_critical_counts_id) REFERENCES medium_extended_time_interval_counts(id)
"monthly_birth_to_report_time_critical_day_counts_fk" FOREIGN KEY (birth_to_report_time_critical_day_counts_id) REFERENCES multi_day_interval_counts(id)
"monthly_initial_dbs_collection_counts_fk" FOREIGN KEY (initial_dbs_collection_counts_id) REFERENCES short_time_interval_counts(id)
"monthly_initial_receipt_counts_fk" FOREIGN KEY (initial_dbs_receipt_counts_id) REFERENCES medium_time_interval_counts(id)
"monthly_initial_receipt_day_counts_fk" FOREIGN KEY (initial_dbs_receipt_day_counts_id) REFERENCES medium_day_interval_counts(id)
"monthly_qi_data_birth_to_report_first_screen_counts_fk" FOREIGN KEY (birth_to_report_first_screen_counts_id) REFERENCES medium_extended_time_interval_counts(id)
"monthly_qi_data_birth_to_report_first_screen_day_counts_fk" FOREIGN KEY (birth_to_report_first_screen_day_counts_id) REFERENCES multi_day_interval_counts(id)
"monthly_qi_data_birth_to_report_second_screen_counts_fk" FOREIGN KEY (birth_to_report_second_screen_counts_id) REFERENCES medium_extended_time_interval_counts(id)
"monthly_qi_data_birth_to_report_second_screen_day_counts_fk" FOREIGN KEY (birth_to_report_second_screen_day_counts_id) REFERENCES multi_day_interval_counts(id)
"monthly_qi_data_birth_to_report_subsequent_screen_counts_fk" FOREIGN KEY (birth_to_report_subsequent_screen_counts_id) REFERENCES medium_extended_time_interval_counts(id)
"monthly_qi_data_birth_to_report_subsequent_screen_day_counts_fk" FOREIGN KEY (birth_to_report_subsequent_screen_day_counts_id) REFERENCES multi_day_interval_counts(id)
"monthly_qi_data_receipt_to_report_first_screen_counts_fk" FOREIGN KEY (receipt_to_report_first_screen_counts_id) REFERENCES short_extended_time_interval_counts(id)
"monthly_qi_data_receipt_to_report_first_screen_day_counts_fk" FOREIGN KEY (receipt_to_report_first_screen_day_counts_id) REFERENCES medium_day_interval_counts(id)
"monthly_qi_data_receipt_to_report_second_screen_counts_fk" FOREIGN KEY (receipt_to_report_second_screen_counts_id) REFERENCES short_extended_time_interval_counts(id)
"monthly_qi_data_receipt_to_report_second_screen_day_counts_fk" FOREIGN KEY (receipt_to_report_second_screen_day_counts_id) REFERENCES medium_day_interval_counts(id)
"monthly_qi_data_receipt_to_report_subsequent_screen_counts_fk" FOREIGN KEY (receipt_to_report_subsequent_screen_counts_id) REFERENCES short_extended_time_interval_counts(id)
"monthly_qi_data_receipt_to_report_subsequent_screen_day_counts_" FOREIGN KEY (receipt_to_report_subsequent_screen_day_counts_id) REFERENCES medium_day_interval_counts(id)
"monthly_qi_institution_fk" FOREIGN KEY (institution_id) REFERENCES institution(id)
"monthly_receipt_to_report_complete_counts_fk" FOREIGN KEY (receipt_to_report_complete_counts_id) REFERENCES short_extended_time_interval_counts(id)
"monthly_receipt_to_report_positive_counts_fk" FOREIGN KEY (receipt_to_report_positive_counts_id) REFERENCES short_extended_time_interval_counts(id)
"monthly_receipt_to_report_positive_day_counts_fk" FOREIGN KEY (receipt_to_report_positive_day_counts_id) REFERENCES medium_day_interval_counts(id)
"monthly_receipt_to_report_time_critical_count_fk" FOREIGN KEY (receipt_to_report_time_critical_counts_id) REFERENCES short_extended_time_interval_counts(id)
"monthly_receipt_to_report_time_critical_day_count_fk" FOREIGN KEY (receipt_to_report_time_critical_day_counts_id) REFERENCES medium_day_interval_counts(id)
"monthly_subsequent_dbs_collection_counts_fk" FOREIGN KEY (subsequent_dbs_collection_counts_id) REFERENCES long_time_interval_counts(id)
"monthly_subsequent_dbs_receipt_counts_fk" FOREIGN KEY (subsequent_dbs_receipt_counts_id) REFERENCES medium_time_interval_counts(id)
"monthly_subsequent_dbs_receipt_day_counts_fk" FOREIGN KEY (subsequent_dbs_receipt_day_counts_id) REFERENCES medium_day_interval_counts(id)
Has OIDs: no

TABLE: monthly_receipt_to_report_complete_sum

View "public.monthly_receipt_to_report_complete_sum"

Column	Type	Modifiers	Storage	Description
id	bigint		plain	
sum	bigint		plain	

View definition:
SELECT x.id,

```
sum(
CASE
WHEN x.less_than_twelve_hours IS NOT NULL THEN x.less_than_twelve_hours
ELSE 0
END +
CASE
WHEN x.between_twelve_and_twenty_four_hours IS NOT NULL THEN x.between_twelve_and_twenty_four_hours
ELSE 0
END +
CASE
WHEN x.between_one_and_two_days IS NOT NULL THEN x.between_one_and_two_days
ELSE 0
END +
CASE
WHEN x.between_two_and_three_days IS NOT NULL THEN x.between_two_and_three_days
ELSE 0
END +
CASE
WHEN x.between_three_and_four_days IS NOT NULL THEN x.between_three_and_four_days
ELSE 0
END +
CASE
WHEN x.between_four_and_five_days IS NOT NULL THEN x.between_four_and_five_days
ELSE 0
END +
CASE
WHEN x.between_five_and_six_days IS NOT NULL THEN x.between_five_and_six_days
ELSE 0
END +
CASE
WHEN x.greater_than_six_days IS NOT NULL THEN x.greater_than_six_days
ELSE 0
END +
CASE
WHEN x.unknown IS NOT NULL THEN x.unknown
ELSE 0
END) AS sum
FROM monthly_quality_indicator_data m
JOIN short_extended_time_interval_counts x ON m.receipt_to_report_complete_counts_id = x.id
GROUP BY x.id;
```

TABLE: monthly_receipt_to_report_positive_sum

View "public.monthly_receipt_to_report_positive_sum"

Column	Type	Modifiers	Storage	Description
id	bigint		plain	
sum	bigint		plain	

View definition:

```
 SELECT x.id,
sum(
CASE
WHEN x.less_than_twelve_hours IS NOT NULL THEN x.less_than_twelve_hours
ELSE 0
END +
CASE
WHEN x.between_twelve_and_twenty_four_hours IS NOT NULL THEN x.between_twelve_and_twenty_four_hours
ELSE 0
END +
CASE
WHEN x.between_one_and_two_days IS NOT NULL THEN x.between_one_and_two_days
ELSE 0
END +
CASE
WHEN x.between_two_and_three_days IS NOT NULL THEN x.between_two_and_three_days
ELSE 0
```

```
END +
CASE
WHEN x.between_three_and_four_days IS NOT NULL THEN x.between_three_and_four_days
ELSE 0
END +
CASE
WHEN x.between_four_and_five_days IS NOT NULL THEN x.between_four_and_five_days
ELSE 0
END +
CASE
WHEN x.between_five_and_six_days IS NOT NULL THEN x.between_five_and_six_days
ELSE 0
END +
CASE
WHEN x.greater_than_six_days IS NOT NULL THEN x.greater_than_six_days
ELSE 0
END +
CASE
WHEN x.unknown IS NOT NULL THEN x.unknown
ELSE 0
END) AS sum
FROM monthly_quality_indicator_data m
JOIN short_extended_time_interval_counts x ON m.receipt_to_report_positive_counts_id = x.id
GROUP BY x.id;
```

TABLE: monthly_receipt_to_report_time_critical_sum

View "public.monthly_receipt_to_report_time_critical_sum"

Column	Type	Modifiers	Storage	Description
id	bigint		plain	
sum	bigint		plain	

View definition:

```
 SELECT x.id,
sum(
CASE
WHEN x.less_than_twelve_hours IS NOT NULL THEN x.less_than_twelve_hours
ELSE 0
END +
CASE
WHEN x.between_twelve_and_twenty_four_hours IS NOT NULL THEN x.between_twelve_and_twenty_four_hours
ELSE 0
END +
CASE
WHEN x.between_one_and_two_days IS NOT NULL THEN x.between_one_and_two_days
ELSE 0
END +
CASE
WHEN x.between_two_and_three_days IS NOT NULL THEN x.between_two_and_three_days
ELSE 0
END +
CASE
WHEN x.between_three_and_four_days IS NOT NULL THEN x.between_three_and_four_days
ELSE 0
END +
CASE
WHEN x.between_four_and_five_days IS NOT NULL THEN x.between_four_and_five_days
ELSE 0
END +
CASE
WHEN x.between_five_and_six_days IS NOT NULL THEN x.between_five_and_six_days
ELSE 0
END +
CASE
WHEN x.greater_than_six_days IS NOT NULL THEN x.greater_than_six_days
ELSE 0
```

```
END +
CASE
WHEN x.unknown IS NOT NULL THEN x.unknown
ELSE 0
END) AS sum
FROM monthly_quality_indicator_data m
JOIN short_extended_time_interval_counts x ON m.receipt_to_report_time_critical_counts_id = x.id
GROUP BY x.id;
```

TABLE: mps_type_1_case

Data table: Records the diagnostic workup information for MUCOPOLYSACCHARIDOSIS TYPE I (MPS I) cases

Table "public.mps_type_1_case"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		
final_diagnosis_id	bigint		plain		Primary key of a row in the condition table that identifies the final diagnosis condition affecting this infant. Constrained by application code to only allow conditions that are child conditions to the case parent condition with a name value of 'MUCOPOLYSACCHARIDOSIS TYPE I (MPS I).
enzyme_activity_tested	character varying(255)		extended		Was enzyme activity tested?
enzyme_activity_level	character varying(255)		extended		What was the enzyme level?
urine_gags_tested	character varying(255)		extended		Were urine GAGS tested?
urine_gags_level	character varying(255)		extended		What was the urine GAG level?
clinical_findings	character varying(255)		extended		Clinical symptoms/ lab findings?
variants_detected	character varying(255)		extended		Were variants detected in the genes known to be associated with MPS I?
allele_one	character varying(255)		extended		Description of variant detected on allele one
allele_two	character varying(255)		extended		Description of variant detected on allele two

Indexes:
"mps_type_1_case_pkey" PRIMARY KEY, btree (id)
Foreign-key constraints:
"mps_type_1_case_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
"mps_type_1_case_id_fk" FOREIGN KEY (id) REFERENCES infant(id)
Has OIDs: no

TABLE: msud_case

Data table: Records the additional information associated the condition 'Maple syrup urine disease - MSUD' in association with an infant record.

Table "public.msud_case"

Column	Type	Modifiers	Storage	Stats target	Description
alloisoleucine_level	character varying(255)		extended		Plasma amino acids Alloisoleucine test result: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
bckdha_gene_allele_one	character varying(255)		extended		Mutation analysis done for BCKDHA gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE',

					'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
bckdha_gene_allele_two	character varying(255)		extended		Mutation analysis done for BCKDHA gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
bckdhb_gene_allele_one	character varying(255)		extended		Mutation analysis done for BCKDHB gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
bckdhb_gene_allele_two	character varying(255)		extended		Mutation analysis done for BCKDHB gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
dbt_gene_allele_one	character varying(255)		extended		Mutation analysis done for DBT gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
dbt_gene_allele_two	character varying(255)		extended		Mutation analysis done for DBT gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
dld_gene_allele_one	character varying(255)		extended		Mutation analysis done for DLD gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
dld_gene_allele_two	character varying(255)		extended		Mutation analysis done for DLD gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
isoleucine_level	character varying(255)		extended		Plasma amino acids Isoeucine test result: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
leucine_level	character varying(255)		extended		Plasma amino acids Leucine test result: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
msud_enzyme_analysis_result	character varying(255)		extended		Enzyme analysis for MSUD enzyme activity: Constrained by application logic to 'CONSISTENT', 'INCONSISTENT', 'UNKNOWN', or 'UNTESTED'.
other_gene_allele_one	character varying(255)		extended		Mutation analysis done for other gene allele 1: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
other_gene_allele_two	character varying(255)		extended		Mutation analysis done for other gene allele 2: Constrained by application logic to 'DISEASE_CAUSING', 'UNCERTAIN_SIGNIFICANCE', 'PREDICTED_PATHOGENIC', 'NONE', 'UNKNOWN', or 'UNTESTED'.
two_ketoisocaproic_acid_level	character varying(255)		extended		Urine organic acids test results for 2-ketoisocaproic acid: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
two_ketomethyl_valeric_acid_level	character varying(255)		extended		Urine organic acids test results for 2-ketomethyl valeric acid: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
two_oh_isovaleric_acid_level	character		extended		Urine organic acids test results for 2-OH Isovaleric acid:

	varying(255)				Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
valine_level	character varying(255)		extended		Plasma amino acids Valine test result: Constrained by application logic to 'ELEVATED', 'NORMAL', 'UNKNOWN', or 'UNTESTED'.
id	bigint	not null	plain		Primary key - A surrogate key assigned to this record and matching an id of an associated record from the infant table.
other_gene_name	character varying(255)		extended		The name of the other gene for which mutation analysis was done
final_diagnosis_id	bigint		plain		Primary key of a row in the condition table that identifies the condition affecting this infant. Constrained by application code to only allow conditions that are child conditions to the parent condition with a name value of 'Maple syrup urine disease - MSUD'.
leu_greater_than_val	character varying(255)		extended		Plasma amino acids test result shows Leu>Val: Constrained by application logic to 'UNKNOWN', 'UNTESTED', 'TRUE', 'FALSE'.
plasma_amino_acids_collected	character varying(255)		extended		Answer to the question, Was enzyme analysis for MSUD enzyme activity completed.
urine_organic_acids_tested	character varying(255)		extended		
enzyme_analysis_completed	character varying(255)		extended		
mutation_analysis_done	character varying(255)		extended		Answer to the question, Was mutation analysis done

Indexes:
"msud_case_pkey" PRIMARY KEY, btree (id)
"msud_case_final_diagnosis_idx" btree (final_diagnosis_id)
Foreign-key constraints:
"fka891527ad96389be" FOREIGN KEY (id) REFERENCES infant(id)
"msud_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
Has OIDs: no

TABLE: multi_day_interval_counts

Data table: The counts for which a State is reporting data (see monthly_quality_indicator_data table) of a particular type at 1 day intervals starting at day2 through day 10.

Table "public.multi_day_interval_counts"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'.
day2_and_less	integer		plain		The count of events that occurred on day 2 or sooner.
day3	integer		plain		The count of events that occurred on day 3.
day4	integer		plain		The count of events that occurred on day 4.
day5	integer		plain		The count of events that occurred on day 5.
day6	integer		plain		The count of events that occurred on day 6.
day7	integer		plain		The count of events that occurred on day 7.
day8	integer		plain		The count of events that occurred on day 8.
day9	integer		plain		The count of events that occurred on day 9.
day10_and_greater	integer		plain		The count of events that occurred on day 10 and greater.
unknown	integer		plain		The count of events that occurred in an unknown period of days.

Indexes:
"multi_day_interval_counts_pkey" PRIMARY KEY, btree (id)
Check constraints:

"multi_day_interval_counts_day10_and_greater_check" CHECK (day10_and_greater >= 0)
"multi_day_interval_counts_day2_and_less_check" CHECK (day2_and_less >= 0)
"multi_day_interval_counts_day3_check" CHECK (day3 >= 0)
"multi_day_interval_counts_day4_check" CHECK (day4 >= 0)
"multi_day_interval_counts_day5_check" CHECK (day5 >= 0)
"multi_day_interval_counts_day6_check" CHECK (day6 >= 0)
"multi_day_interval_counts_day7_check" CHECK (day7 >= 0)
"multi_day_interval_counts_day8_check" CHECK (day8 >= 0)
"multi_day_interval_counts_day9_check" CHECK (day9 >= 0)
"multi_day_interval_counts_unknown_check" CHECK (unknown >= 0)
Referenced by:
TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_birth_to_report_positive_day_counts_fk" FOREIGN KEY (birth_to_report_positive_day_counts_id) REFERENCES multi_day_interval_counts(id)
TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_birth_to_report_time_critical_day_counts_fk" FOREIGN KEY (birth_to_report_time_critical_day_counts_id) REFERENCES multi_day_interval_counts(id)
TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_qi_data_birth_to_report_first_screen_day_counts_fk" FOREIGN KEY (birth_to_report_first_screen_day_counts_id) REFERENCES multi_day_interval_counts(id)
TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_qi_data_birth_to_report_second_screen_day_counts_fk" FOREIGN KEY (birth_to_report_second_screen_day_counts_id) REFERENCES multi_day_interval_counts(id)
TABLE "monthly_quality_indicator_data" CONSTRAINT "monthly_qi_data_birth_to_report_subsequent_screen_day_counts_fk" FOREIGN KEY (birth_to_report_subsequent_screen_day_counts_id) REFERENCES multi_day_interval_counts(id)
TABLE "quality_indicator_data" CONSTRAINT "qi_data_birth_to_report_first_day_counts_fk" FOREIGN KEY (birth_to_report_first_day_counts_id) REFERENCES multi_day_interval_counts(id)
TABLE "quality_indicator_data" CONSTRAINT "qi_data_birth_to_report_positive_day_counts_fk" FOREIGN KEY (birth_to_report_positive_day_counts_id) REFERENCES multi_day_interval_counts(id)
TABLE "quality_indicator_data" CONSTRAINT "qi_data_birth_to_report_second_day_counts_fk" FOREIGN KEY (birth_to_report_second_day_counts_id) REFERENCES multi_day_interval_counts(id)
TABLE "quality_indicator_data" CONSTRAINT "qi_data_birth_to_report_subsequent_day_counts_fk" FOREIGN KEY (birth_to_report_subsequent_day_counts_id) REFERENCES multi_day_interval_counts(id)
TABLE "quality_indicator_data" CONSTRAINT "qi_data_birth_to_report_time_critical_day_counts_fk" FOREIGN KEY (birth_to_report_time_critical_day_counts_id) REFERENCES multi_day_interval_counts(id)
Has OIDs: no

TABLE: nbs_policies

Data table: items that describe the policies of a state NBS program

Table "public.nbs_policies"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
clsi_guideline_implementation_description	character varying(3999)		extended		Description of the policy for screening newborns that are in the NICU within state, including a link to the policy if possible.
data_retention_policy_present	boolean		plain		Boolean value used to indicate if state has a policy on retention of DATA from newborn screening.
ltfu_description	character varying(3999)		extended		A text description of state policy on long-term follow-up
ltfu_present	boolean		plain		A boolean value used to indicate state participate in long-term follow-up (as defined by state procedures and regulations). A null value indicates 'unknown'
missed_diagnoses_reported	boolean		plain		A boolean value used to indicate the prensence of processes in the state to report individuals diagnosed later in life (not identified by newborn screening) above and beyond the dependence upon individuals to communicate directly with each other on an individual basis. i.e. a system that will assist in identifiation of infants missed on NBS. A null value indicates 'unknown'.

missed_diagnosis_reporting_description	character varying(3999)		extended		Text description of the processes in the state for reporting individuals diagnosed later in life (not identified by newborn screening) above and beyond the dependence upon individuals to communicate directly with each other on an individual basis. i.e. description of the system that will assist in identifiation of infants missed on NBS.
other_consent_recording_method	character varying(254)		extended		Text describing the policy of obtaining consent for performing the standard newborn screen in the state. This field can be populated when a user selects 'other' from the list of choices made available from the consent_type table.
other_courier_service_status	character varying(254)		extended		Text describing the method for transportation of samples from birthing center to laboratory for testing. This field can be populated when a user selects 'other' from the list of choices made available from the courier_service_status table.
other_indefinite_follow_up_period	character varying(254)		extended		Text describing the state policy on short term follow-up period following an inconclusive diagnosis. This field can be populated when a user selects 'other' from the list of choices made available from the indefinite_follow_up_period table.
other_opt_out_policy	character varying(254)		extended		Text describing the occasions under which parents may opt-out of newborn screening. This field can be populated when a user selects 'other' from the list of choices made available from the opt_out_policy table.
other_opt_out_recording_method	character varying(254)		extended		Text describing how hospitals record when a parent opts out of newborn screening. This field can be populated when a user selects 'other' from the list of choices made available from the consent_recording_method table.
other_program_collaboration_plan_testing_frequency	character varying(254)		extended		Text describing the frequency with which the Program Collaboration Plan has been tested (full implementation of plan, including shipment of samples, reporting of results, and resuming services by home lab). This field can be populated when a user selects 'other' from the list of choices made available from the plan_testing_frequency table.
other_program_contact_plan_testing_frequency	character varying(254)		extended		Text describing the frequency with which the Program Contact Plan has been tested (full implementation of plan, including shipment of samples, reporting of results, and resuming services by home lab). This field can be populated when a user selects 'other' from the list of choices made available from the plan_testing_frequency table.
other_residual_specimen_use	character varying(254)		extended		Text describing the allowed uses of residual specimens. This field can be populated when the user selects 'other' from the list of choices made available from the residual_specimen_use table.
other_result_matching_database	character varying(254)		extended		Text describing the data systems used to match NBS DBS to identify babies that were not screened. This field can be populated when the user selects 'other' from

					the list of choices made available from the result_matching_database table.
other_reseult_matching_method	character varying(254)		extended		Text describing the method used to match NBS DBS to identify babies that were not screened. This field can be populated when the user selects 'other' from the list of choices made available from the result_matching_method table.
other_second_screen_status	character varying(254)		extended		Text describing the second screen policy of state, reflecting standard screens. This does not reflect second screens collected due to inadequate initial collection or out of range results on initial (or previous) collection. This field can be populated when the user selects 'other' from the list of choices made available from the second_screen_status table.
other_sharing_policy	character varying(254)		extended		Text describing the policy for sharing specimens with other NBS programs for research or quality assurance. This field can be populated whe the users selects 'other' from the list of choices made available from the sharing_policy table.
other_stfu_period	character varying(254)		extended		Text describing short term follow-up period in the state. Thisfield can be populated when the user selects 'other' from the list of choices made available from the follow_up_period table.
other_unsatisfactory_specimen_test_status	character varying(254)		extended		Text describing the policy for testing unsatisfactory specimens once laboratory has determined the sample was collected or transported under conditions that result in a sample being unsatisfactory per state protocol. This field can be populated when the user selects 'other' from the list of choices made available from the unsatistfactory_specimen_test_status table.
program_collaboration_agreement_in_place	boolean		plain		Boolean value used to indicate if a formal written agreement in place with the NBS program that will be providing services to the state program. A null value indicates 'unknown'.
program_collaboration_policy_present	boolean		plain		Boolean value used to indicate the existance of a program collaboration policy with other NBS program(s) to provide support to that program in case of a disaster or other challenge (This refers to NBS program responding to question providing support TO another NBS program). A null value indicates 'unknown'.
program_contact_agreement_in_place	boolean		plain		Boolean value used to indicate if a formal written agreement in place with the NBS program that will be providing services to this state's NBS program in case of a disaster or other challenge. A null value indicates 'unknown'.
program_contact_policy	character varying(3999)		extended		Text describing the collaboration with other NBS program(s) to provide support to your NBS program in case of a disaster or other challenge.
program_contact_policy_present	boolean		plain		Boolean value used to indicate if a collaboration exist with other NBS program(s) to provide support to this NBS program in case of a disaster or other challenge (This refers to support NBS program responding to question receiving

					support FROM another NBS program). A null value indicates 'unknown'.
retention_time	character varying(254)		extended		The amount of time for which residual dried blood spots are retained.
stfu_description	character varying(3999)		extended		Text describing methodology (make calls, timing of follow-up procedures, etc.) for short term follow-up.
storage_condition	character varying(254)		extended		The conditions under which residual dried blood spots are maintained.
unique_follow_up_methods	character varying(3999)		extended		Text describing follow-up methods for any disorder or group of disorders that are unique (that do not fit into the general procedures).
unscreened_babies_matched	boolean		plain		A boolean value used to indicate whether state matches records from NBS with vital statistics or other data systems to identify babies that were not screened. A null value indicates 'unknown'
clsi_guideline_implementation_status_id	bigint		plain		A primary key of a row in the clsi_guideline_implementation_status table that identifies the policy for screening newborns that are in the Neonatal Intensive Care Unit (NICU) within state
consent_recording_method_id	bigint		plain		A primary key of a row in the consent_recording_method table that identifies how hospitals record when a parent consents (or declines consent) for newborn screening
consent_type_id	bigint		plain		A primary key of a row in the consent_type table that identifies the policy of obtaining consent for performing the standard newborn screen in the state.
courier_service_status_id	bigint		plain		A primary key in the courier_service_status table that identifies the method for transportation of samples from birthing center to laboratory for testing.
data_storage_period_id	bigint		plain		A primary key of a row in the data_storage_period table identifying the length of time normal results are currently stored in the state system
indefinite_follow_up_period_id	bigint		plain		A primary key of a row in the indefinite_follow_up_period table identifying short term follow-up period following an inconclusive diagnosis in the state
opt_out_policy_id	bigint		plain		A primary key of a row in the opt_out_policy table that identifies occasions under which parents may opt-out of newborn screening.
opt_out_recording_method_id	bigint		plain		A primary key of a row in the consent_recording_method table that identifies how hospitals record when a parent opts out of newborn screening.
program_collaboration_plan_present_id	bigint		plain		A primary key of a row in the plan_status table used to indicate the status of a formal written plan in place with the NBS program that will be receiving services from this NBS program in case of a disaster or other challenge.
program_contact_plan_present_id	bigint		plain		A primary key of a row in the plan_status table used to indicate the status of a formal written plan in place with the NBS program that will be providing services to this NBS

					program in case of a disaster or other challenge.
program_collaboration_plan_testing_frequency_id	bigint		plain		A primary key of a row in the plan_testing_frequency table used to indicate how often the collaboration plan is tested.
program_contact_plan_testing_frequency_id	bigint		plain		A primary key of a row in the plan_testing_frequency table used to indicate how often the contact plan is tested.
result_matching_method_id	bigint		plain		A primary key of a row in the result_matching_method table used to indicate the method used to match NBS DBS to identify babies that were not screened.
second_screen_status_id	bigint		plain		A primary key of a row in the second_screen_status table used to identify the second screen policy of the state, reflecting standard screens. This does not reflect second screens collected due to inadequate initial collection or out of range results on initial (or previous) collection.
stfu_period_id	bigint		plain		A primary key of a row in the follow_up_period table that identifies the term used to best define short term follow-up in the state
unsatisfactory_specimen_test_status_id	bigint		plain		A primary key of a row in the X table that identifies the policy for testing unsatisfactory specimens once laboratory has determined the sample was collected or transported under conditions that result in a sample being unsatisfactory per state protocol.
recommended_initial_screening_age	character varying(254)		extended		Text describing the recommended age for newborn screening for well-babies within the state.
recommended_second_screening_age	character varying(254)		extended		Text describing the recommended age for newborn screening for well-babies within the state.
other_consent_type	character varying(254)		extended		Text describing the policy of obtaining consent for performing the standard newborn screen in the state. This field can be populated when the user selects 'other' from the list of choices made available from the consent_type table.
specimens_consented_for_research	character varying(254)		extended		Boolean value, if specimens used for research, is written consent for use of specimens for research purposes obtained. True/False or null for not applicable.
abnormal_specimen_data_storage_period_id	bigint		plain		A primary key of a value in the data_storage_period table the identifies the length of time abnormal results are currently stored in the state system.
coop_plan_present	boolean		plain		Boolean value used to indicate whether a Continuity of Operations (COOP) Plan exists. A null value indicates 'unknown'.
coop_tested	boolean		plain		Boolean value used to indicate whether a Continuity of Operations (COOP) Plan is exercised or tested. A null value indicates 'unknown'.
coop_last_tested	character varying(254)		extended		Text describing when the Continuity of Operations (COOP) Plan was last exercised or tested.

other_def_of_lab_specimen_receipt	character varying(254)		extended		Text description of how a state defines when a specimen is received at the laboratory
other_recording_lab_specimen_receipt	character varying(254)		extended		Text description of how a state records when a specimen is received at the laboratory
definition_lab_specimen_receipt_id	bigint		plain		The primary key of a row in the definition_lab_specimen_receipt table that holds values for selection of how a state might define when a specimen is received at the laboratory.
recording_lab_specimen_receipt_id	bigint		plain		The primary key of a row in the recording_lab_specimen_receipt table that holds values for selection of how a state records when a specimen is recieved at the laboratory
other_courier	character varying(254)		extended		A text field used to signify any other courier that may be utilized by a state nbs program that was not available in the list of common couriers

Indexes:
"nbs_policies_pkey" PRIMARY KEY, btree (id)
"nbs_policies_abnormal_specimen_data_storage_period_idx" btree (abnormal_specimen_data_storage_period_id)
"nbs_policies_clsi_guideline_implementation_status_idx" btree (clsi_guideline_implementation_status_id)
"nbs_policies_consent_recording_method_idx" btree (consent_recording_method_id)
"nbs_policies_consent_type_idx" btree (consent_type_id)
"nbs_policies_courier_service_status_idx" btree (courier_service_status_id)
"nbs_policies_data_storage_period_idx" btree (data_storage_period_id)
"nbs_policies_indefinite_follow_up_period_idx" btree (indefinite_follow_up_period_id)
"nbs_policies_opt_out_policy_idx" btree (opt_out_policy_id)
"nbs_policies_opt_out_recording_method_idx" btree (opt_out_recording_method_id)
"nbs_policies_program_collaboration_plan_present_idx" btree (program_collaboration_plan_present_id)
"nbs_policies_program_collaboration_plan_testing_frequency_idx" btree (program_collaboration_plan_testing_frequency_id)
"nbs_policies_program_contact_plan_present_idx" btree (program_contact_plan_present_id)
"nbs_policies_program_contact_plan_testing_frequency_idx" btree (program_contact_plan_testing_frequency_id)
"nbs_policies_result_matching_method_idx" btree (result_matching_method_id)
"nbs_policies_second_screen_status_idx" btree (second_screen_status_id)
"nbs_policies_stfu_period_idx" btree (stfu_period_id)
"nbs_policies_unsatisfactory_specimen_test_status_idx" btree (unsatisfactory_specimen_test_status_id)
Foreign-key constraints:
"nbs_policies_abnormal_specimen_data_storage_period_fk" FOREIGN KEY (abnormal_specimen_data_storage_period_id) REFERENCES data_storage_period(id)
"nbs_policies_clsi_guideline_implementation_status_fk" FOREIGN KEY (clsi_guideline_implementation_status_id) REFERENCES clsi_guideline_implementation_status(id)
"nbs_policies_consent_recording_method_fk" FOREIGN KEY (consent_recording_method_id) REFERENCES consent_recording_method(id)
"nbs_policies_consent_type_fk" FOREIGN KEY (consent_type_id) REFERENCES consent_type(id)
"nbs_policies_courier_service_status_fk" FOREIGN KEY (courier_service_status_id) REFERENCES courier_service_status(id)
"nbs_policies_data_storage_period_fk" FOREIGN KEY (data_storage_period_id) REFERENCES data_storage_period(id)
"nbs_policies_definition_lab_specimen_receipt_fk" FOREIGN KEY (definition_lab_specimen_receipt_id) REFERENCES definition_lab_specimen_receipt(id)
"nbs_policies_indefinite_follow_up_period_fk" FOREIGN KEY (indefinite_follow_up_period_id) REFERENCES indefinite_follow_up_period(id)
"nbs_policies_opt_out_policy_fk" FOREIGN KEY (opt_out_policy_id) REFERENCES opt_out_policy(id)
"nbs_policies_opt_out_recording_method_fk" FOREIGN KEY (opt_out_recording_method_id) REFERENCES consent_recording_method(id)
"nbs_policies_program_collaboration_plan_present_fk" FOREIGN KEY (program_collaboration_plan_present_id) REFERENCES plan_status(id)
"nbs_policies_program_collaboration_plan_testing_frequency_fk" FOREIGN KEY (program_collaboration_plan_testing_frequency_id) REFERENCES plan_testing_frequency(id)
"nbs_policies_program_contact_plan_present_fk" FOREIGN KEY (program_contact_plan_present_id) REFERENCES plan_status(id)
"nbs_policies_program_contact_plan_testing_frequency_fk" FOREIGN KEY (program_contact_plan_testing_frequency_id) REFERENCES plan_testing_frequency(id)
"nbs_policies_recording_lab_specimen_receipt_fk" FOREIGN KEY (recording_lab_specimen_receipt_id) REFERENCES recording_lab_specimen_receipt(id)
"nbs_policies_result_matching_method_fk" FOREIGN KEY (result_matching_method_id) REFERENCES result_matching_method(id)
"nbs_policies_second_screen_status_fk" FOREIGN KEY (second_screen_status_id) REFERENCES second_screen_status(id)
"nbs_policies_stfu_period_fk" FOREIGN KEY (stfu_period_id) REFERENCES follow_up_period(id)
"nbs_policies_unsatisfactory_specimen_test_status_fk" FOREIGN KEY (unsatisfactory_specimen_test_status_id) REFERENCES

unsatistfactory_specimen_test_status(id)
Referenced by:
TABLE "nbs_policies_residual_specimen_uses" CONSTRAINT "nbs_policies_residual_specimen_uses_policies_id_fk" FOREIGN KEY (policies_id) REFERENCES nbs_policies(id)
TABLE "nbs_policies_result_matching_databases" CONSTRAINT "nbs_policies_result_matching_databases_policies_id_fk" FOREIGN KEY (policies_id) REFERENCES nbs_policies(id)
TABLE "nbs_policies_sharing_policies" CONSTRAINT "nbs_policies_sharing_policies_policies_id_fk" FOREIGN KEY (policies_id) REFERENCES nbs_policies(id)
TABLE "policy_courier" CONSTRAINT "policy_courier_policy_fk" FOREIGN KEY (policy_id) REFERENCES nbs_policies(id)
TABLE "state_nbs_profile" CONSTRAINT "state_profile_nbs_policies_fk" FOREIGN KEY (nbs_policies_id) REFERENCES nbs_policies(id)
Has OIDs: no

TABLE: nbs_policies_residual_specimen_uses

Data table: Association table used to link nbs_policies residual_specimen_use table record in order to indicate all allowed uses of residual specimens.

Table "public.nbs_policies_residual_specimen_uses"

Column	Type	Modifiers	Storage	Stats target	Description
policies_id	bigint	not null	plain		The primary key of a row in the nbs_policies table.
use_id	bigint	not null	plain		The primary key of a row in the residual_specimen_use table.

Indexes:
"nbs_policies_residual_specimen_uses_pkey" PRIMARY KEY, btree (policies_id, use_id)
Foreign-key constraints:
"nbs_policies_residual_specimen_uses_database_id_fk" FOREIGN KEY (use_id) REFERENCES residual_specimen_use(id)
"nbs_policies_residual_specimen_uses_policies_id_fk" FOREIGN KEY (policies_id) REFERENCES nbs_policies(id)
Has OIDs: no

TABLE: nbs_policies_result_matching_databases

Data table: Association table that links records in nbs_policies and result_matching_database tables to show what results matching databases a state program used to identify babies that were not screened.

Table "public.nbs_policies_result_matching_databases"

Column	Type	Modifiers	Storage	Stats target	Description
policies_id	bigint	not null	plain		Primary key of a row in nbs_policies table that identifies various policys linked to a state program.
database_id	bigint	not null	plain		Primary key of a row in result_matching_database that identifies a results matching database.

Indexes:
"nbs_policies_result_matching_databases_pkey" PRIMARY KEY, btree (policies_id, database_id)
Foreign-key constraints:
"nbs_policies_result_matching_databases_database_id_fk" FOREIGN KEY (database_id) REFERENCES result_matching_database(id)
"nbs_policies_result_matching_databases_policies_id_fk" FOREIGN KEY (policies_id) REFERENCES nbs_policies(id)
Has OIDs: no

TABLE: nbs_policies_sharing_policies

Data table: Association table that links nbs_policies and sharing_policy tables to define the Policies used by a NBS program for sharing specimens with other NBS programs for research or quality assurance.

Table "public.nbs_policies_sharing_policies"

Column	Type	Modifiers	Storage	Stats target	Description
policies_id	bigint	not null	plain		The primary key of a row in the nbs_policies table.
use_id	bigint	not null	plain		The primary key of a row in the sharing_policy table

Indexes:
"nbs_policies_sharing_policies_pkey" PRIMARY KEY, btree (policies_id, use_id)
Foreign-key constraints:
"nbs_policies_sharing_policies_policies_id_fk" FOREIGN KEY (policies_id) REFERENCES nbs_policies(id)
"nbs_policies_sharing_policies_sharing_policies_id_fk" FOREIGN KEY (use_id) REFERENCES sharing_policy(id)
Has OIDs: no

TABLE: nbs_result_accessor

Data table: A list of entities that, if a state is currently sending NBS results to/through the HIE, describe potential candidates for who can access the results.

Table "public.nbs_result_accessor"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with hit_elements records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A short description of entities that may be candidates to access NBS results
value	character varying(254)		extended		Not used.

Indexes:
"nbs_result_accessor_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "hit_elements" CONSTRAINT "hit_elements_nbs_result_accessor_fk" FOREIGN KEY (nbs_result_accessor_id) REFERENCES nbs_result_accessor(id)
Has OIDs: no

TABLE: nbs_result_sending_method

Data table: A list of methods that, if NBS results are going to/through the HIE, indicate how are the results are sent to birth hospitals/pediatric providers.

Table "public.nbs_result_sending_method"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with hit_elements records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A short description of a method used to send NBS results

value	character varying(254)		extended		Not used.

Indexes:
"nbs_result_sending_method_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "hit_elements" CONSTRAINT "hit_elements_nbs_resut_sending_method_fk" FOREIGN KEY (nbs_result_sending_method_id) REFERENCES nbs_result_sending_method(id)
Has OIDs: no

TABLE: opt_out_policy

Data table: A list of reasons under which parents may opt-out of newborn screening

Table "public.opt_out_policy"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with nbs_policies records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A short description of a reason why parents may opt-out of newborn screening.
value	character varying(254)		extended		Not used.

Indexes:
"opt_out_policy_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "nbs_policies" CONSTRAINT "nbs_policies_opt_out_policy_fk" FOREIGN KEY (opt_out_policy_id) REFERENCES opt_out_policy(id)
Has OIDs: no

TABLE: out_of_range_count

Data Table: associates out of range counts with quality_indicator_data records and condition records.

Table "public.out_of_range_count"

Column	Type	Modifiers	Storage	Stats target	Description
count	integer		plain		Number of newborns with an out-of-range result from the dried blood spot or POC screen requiring clinical diagnostic workup by an appropriate medical professional.
condition_id	bigint	not null	plain		Primary key of a row in the condition table that identifies the condition category or POC type condition associated with this row.
qi_data_id	bigint	not null	plain		Primary key of a row in the quality_indicator_data table that associates this row with a particular quality indicator record for state and year

Indexes:
"out_of_range_count_condition_idx" btree (condition_id)
"out_of_range_count_qi_data_idx" btree (condition_id, qi_data_id)
Check constraints:
"out_of_range_count_count_check" CHECK (count >= 0)
Foreign-key constraints:
"out_of_range_count_condition_fk" FOREIGN KEY (condition_id) REFERENCES condition(id)

"out_of_range_count_qi_data_fk" FOREIGN KEY (qi_data_id) REFERENCES quality_indicator_data(id)
Has OIDs: no

TABLE: out_of_range_result_count

Deprecated table: data in this table has been replaced with data from out_of_range_count

Table "public.out_of_range_result_count"

Column	Type	Modifiers	Storage	Stats target	Description
count	integer		plain		The number of infants with an out-of-range result for this condition.
condition_id	bigint	not null	plain		Primary key of a row in condition table that identifies the condition for which this count applies
qi_data_id	bigint	not null	plain		Primary key of a row in the quality_indicator_data table that identifies the main quality indicator record to which this count applies.

Indexes:
"out_of_range_result_count_condition_idx" btree (condition_id)
"out_of_range_result_count_qi_data_idx" btree (qi_data_id)
Check constraints:
"out_of_range_result_count_count_check" CHECK (count >= 0)
Foreign-key constraints:
"out_of_range_result_count_condition_fk" FOREIGN KEY (condition_id) REFERENCES condition(id)
"out_of_range_result_count_qi_data_fk" FOREIGN KEY (qi_data_id) REFERENCES quality_indicator_data(id)
Has OIDs: no

TABLE: passwordreset

Application table: associates a user with a nonce, this association is a one-time use only and must be used before its expiration. The nonce is included in an email to a user who clicks on the forgotton password link. The combination is used to reset a user's password

Table "public.passwordreset"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
createdate	timestamp without time zone	not null	plain		The date this passwordreset record was created
nonce	character varying(28)	not null	extended		An arbitrary and large random number used only once in combination with a username to locate this record before it expires in order to initiate a successful password reset
user_id	bigint	not null	plain		The primary key of a row in the application_user table

Indexes:
"passwordreset_pkey" PRIMARY KEY, btree (id)
"reset_user_idx" btree (user_id)
Foreign-key constraints:
"reset_user_fk" FOREIGN KEY (user_id) REFERENCES application_user(id)
Has OIDs: no

TABLE: person

Data table: Information about person that is associated with a state program in some manner.

Table "public.person"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence

					'hibernate_sequence'
email	character varying(254)		extended		The email address of the person.
first_name	character varying(254)		extended		The first name of the person.
last_name	character varying(254)		extended		The last name of the person.
title	character varying(254)		extended		The title of the person.
address_id	bigint		plain		The primary key of a row in the address table that identifies the address record for this person.
credentials	character varying(254)		extended		Text describing credentials of the person

Indexes:
"person_pkey" PRIMARY KEY, btree (id)
"person_address_idx" btree (address_id)
Foreign-key constraints:
"person_address_fk" FOREIGN KEY (address_id) REFERENCES address(id)
Referenced by:
TABLE "profile_contact" CONSTRAINT "profile_contact_info_fk" FOREIGN KEY (contact_info_id) REFERENCES person(id)
Has OIDs: no

TABLE: plan_status

Data table: A list of values used to describe the status of a written plan.

Table "public.plan_status"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with other records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A short description of a status.
value	character varying(254)		extended		Not used.

Indexes:
"plan_status_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "nbs_policies" CONSTRAINT "nbs_policies_program_collaboration_plan_present_fk" FOREIGN KEY (program_collaboration_plan_present_id) REFERENCES plan_status(id)
TABLE "nbs_policies" CONSTRAINT "nbs_policies_program_contact_plan_present_fk" FOREIGN KEY (program_contact_plan_present_id) REFERENCES plan_status(id)
Has OIDs: no

TABLE: plan_testing_frequency

Data table: A list of values used to describe the frequency with which a plan is tested.

Table "public.plan_testing_frequency"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with other records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		A short description of a frequency.
value	character varying(254)		extended		Not used.

Indexes:
"plan_testing_frequency_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "nbs_policies" CONSTRAINT "nbs_policies_program_collaboration_plan_testing_frequency_fk" FOREIGN KEY (program_collaboration_plan_testing_frequency_id) REFERENCES plan_testing_frequency(id)
TABLE "nbs_policies" CONSTRAINT "nbs_policies_program_contact_plan_testing_frequency_fk" FOREIGN KEY (program_contact_plan_testing_frequency_id) REFERENCES plan_testing_frequency(id)
Has OIDs: no

TABLE: poc_test_addition_challenge

Data table: An association table that allows a NBS program to identify multiple challenges to adding new tests at POC and also to rank the challenges.

Table "public.poc_test_addition_challenge"

Column	Type	Modifiers	Storage	Stats target	Description
test_addition_details_id	bigint	not null	plain		Primary key of a row in the test_addition_details table that identifies information on adding tests for a program/year
challenge_id	bigint		plain		Primary key of a row in the test_addition_challenge table that identifies the associated challenge.
ranking_id	bigint		plain		Primary key of a row in the ranking table that identifies the ranking of the challenge for the program.

Indexes:
"poc_test_addition_challenge_ranking_challenge_idx" btree (challenge_id)
"poc_test_addition_challenge_ranking_details_idx" btree (test_addition_details_id)
"poc_test_addition_challenge_ranking_ranking_idx" btree (ranking_id)
Foreign-key constraints:
"poc_test_addition_challenge_ranking_challenge_fk" FOREIGN KEY (challenge_id) REFERENCES test_addition_challenge(id)
"poc_test_addition_challenge_ranking_details_fk" FOREIGN KEY (test_addition_details_id) REFERENCES test_addition_details(id)
"poc_test_addition_challenge_ranking_ranking_fk" FOREIGN KEY (ranking_id) REFERENCES ranking(id)
Has OIDs: no

TABLE: poc_test_addition_requirements

Data table: An association table that allows a NBS program to identify multiple additional requirements that are necessary to add a new test at the POC.

Table "public.poc_test_addition_requirements"

Column	Type	Modifiers	Storage	Stats target	Description

test_addition_details_id	bigint	not null	plain		Primary key of a row in the test_addition_details table that identifies information on adding tests for a program/year
requirement_id	bigint	not null	plain		Primary key of a row in the test_addition_requirement that identifies an associated additional requirement for adding a test for a program/year

Indexes:
"poc_test_addition_requirements_pkey" PRIMARY KEY, btree (test_addition_details_id, requirement_id)
Foreign-key constraints:
"poc_test_addition_requirements_requirement_fk" FOREIGN KEY (requirement_id) REFERENCES test_addition_requirement(id)
"poc_test_addition_requirements_test_addition_details_fk" FOREIGN KEY (test_addition_details_id) REFERENCES test_addition_details(id)
Has OIDs: no

TABLE: policy_courier

Data table: Association table that links nbs_policies records with courier records (many-to-many) to indicate what couriers are used by a state NBS program

Table "public.policy_courier"

Column	Type	Modifiers	Storage	Stats target	Description
policy_id	bigint	not null	plain		Primary key of a row in the nbs_policies table.
courier_id	bigint	not null	plain		Primary key of a row in the courier table.

Indexes:
"policy_courier_pkey" PRIMARY KEY, btree (policy_id, courier_id)
Foreign-key constraints:
"policy_courier_courier_fk" FOREIGN KEY (courier_id) REFERENCES courier(id)
"policy_courier_policy_fk" FOREIGN KEY (policy_id) REFERENCES nbs_policies(id)
Has OIDs: no

TABLE: pompe_case

Data table: Records the diagnostic workup information for Pompe cases

Table "public.pompe_case"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		
final_diagnosis_id	bigint		plain		Primary key of a row in the condition table that identifies the final diagnosis condition affecting this infant. Constrained by application code to only allow conditions that are child conditions to the case parent condition with a name value of 'Pompe'.
blood_enzyme_activity_tested	character varying(255)		extended		Was enzyme activity tested in blood (not DBS sample)?
blood_enzyme_activity_level	character varying(255)		extended		What was the enzyme level?
tissue_enzyme_activity_tested	character varying(255)		extended		Was enzyme activity tested in skin/muscle?
tissue_enzyme_activity_level	character varying(255)		extended		What was enzyme activity tested?
cardiac_involvement_consistent	character varying(255)		extended		Was there Cardiac involvement consistent with Pompe?
cardiac_involvement	character varying(255)		extended		What was the Cardiac involvement.
hex4_lab_level	character varying(255)		extended		What were the lab findings for Hex4
clinical_findings	character varying(255)		extended		Clinical findings?
variants_detected	character		extended		Were variants detected in the genes known to be associated with

	varying(255)				Pompe Disease?
allele_one	character varying(255)		extended		Type of variant(s) found on Allele 1
allele_two	character varying(255)		extended		Type of variant(s) found on Allele 2

Indexes:
"pompe_case_pkey" PRIMARY KEY, btree (id)
Foreign-key constraints:
"pompe_case_final_diagnosis_fk" FOREIGN KEY (final_diagnosis_id) REFERENCES condition(id)
"pompe_case_id_fk" FOREIGN KEY (id) REFERENCES infant(id)
Has OIDs: no

TABLE: primary_screening_targets

Deprecated Data table: replaced by cchd_final_diagnosis_details

Table "public.primary_screening_targets"

Column	Type	Modifiers	Storage	Stats target	Description
cchd_case_id	bigint	not null	plain		Primary key of a row in the cchd_case table.
screening_target	character varying(255)	not null	extended		A secondary screening target for the case.

Indexes:
"primary_screening_targets_pkey" PRIMARY KEY, btree (cchd_case_id, screening_target)
Foreign-key constraints:
"case_primarytarget_case_fk" FOREIGN KEY (cchd_case_id) REFERENCES cchd_case(id)
Has OIDs: no

TABLE: proficiency_test

Data table: A list of proficiency testing programs a state lab might participate in.

Table "public.proficiency_test"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
active	boolean	not null	plain		A boolean value that determines if this record can be used in new associations with program_structure_proficiency_test records. 't' indicates that the row is available for current usage.
created_date	timestamp without time zone	not null	plain		The date this record was created.
last_updated_date	timestamp without time zone	not null	plain		The date this record was last updated.
name	character varying(254)	not null	extended		The short description of a lab proficiency test
value	character varying(254)		extended		Not used.

Indexes:
"proficiency_test_pkey" PRIMARY KEY, btree (id)
Referenced by:
TABLE "program_structure_proficiency_test" CONSTRAINT "program_structure_proficiency_test_proficiency_test_fk" FOREIGN KEY (proficiency_test_id) REFERENCES proficiency_test(id)
Has OIDs: no

TABLE: profile_condition_screening_status

Data table: Association table associated a state profile record with a condition and several values related to how the state screens for the condition.

Table "public.profile_condition_screening_status"

Column	Type	Modifiers	Storage	Stats target	Description
profile_id	bigint	not null	plain		Primary key of a row in the state_nbs_profile table, associating these values for screening with a state profile state/year combination.
condition_id	bigint		plain		Primary key of a row in the condition table identifying a condition for this association with a state profile.
status_month	integer		plain		The month in which that screening status went into effect, if known.
status_year	integer		plain		The year in which that screening status went into effect, if known.
status_id	bigint		plain		Primary key of a row in the screening_status table that identifies the status for the screening of the associated condition in the state.
equipment_id	bigint		plain		Primary key of a row in the equipment table that identifies the equipment used for the screening of the associated condition in the state.
first_screen_first_tier_test_method_id	bigint		plain		Primary key of a row in the test_method table that identifies the first screen first tier test method for the screening of the associated condition in the state.
first_screen_second_tier_test_method_id	bigint		plain		Primary key of a row in the test_method table that identifies the first screen second tier test method for the screening of the associated condition in the state.
other_equipment	character varying(255)		extended		A text description of equipment used to screen for condition in state. Only made available to user when 'Other' has been selected from the list of equipment available for the screening
other_first_screen_first_tier_test_method	character varying(255)		extended		A text description of first screen first tier test method used to screen for condition in state. Only made available to user when 'Other' has been selected from the list of test methods available for the screening
other_first_screen_second_tier_test_method	character varying(255)		extended		A text description of first screen second tier test method used to screen for condition in state. Only made available to user when 'Other' has been selected from the list of test methods available for the screening
other_second_screen_first_tier_test_method	character varying(255)		extended		A text description of second screen first tier test method used to screen for condition in state. Only made available to user when 'Other' has been selected from the list of test methods available for the screening
other_second_screen_second_tier_test_method	character varying(255)		extended		A text description of second screen second tier test method used to screen for condition in state. Only made available to user when 'Other' has been selected from the list of test methods available for the screening
second_screen_first_tier_test_method_id	bigint		plain		Primary key of a row in the test_method table that identifies the second screen first tier test method for the screening of the associated condition in the state.
second_screen_second_tier_test_method_id	bigint		plain		Primary key of a row in the test_method table

					that identifies the second screen second tier test method for the screening of the associated condition in the state.
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
first_screen_first_tier_test_method_target_id	bigint		plain		Primary key of a row in the target table that identifies the first screen first tier test method target for the screening of the associated condition in the state.
first_screen_second_tier_test_method_target_id	bigint		plain		Primary key of a row in the target table that identifies the first screen second tier test method target for the screening of the associated condition in the state.
other_first_screen_first_tier_test_method_target	character varying(255)		extended		A text description of first screen first tier test method target of screen for condition in state. Only made available to user when 'Other' has been selected from the list of targets available for the screening
other_first_screen_second_tier_test_method_target	character varying(255)		extended		A text description of first screen second tier test method target of screen for condition in state. Only made available to user when 'Other' has been selected from the list of targets available for the screening
second_screen_first_tier_test_method_target_id	bigint		plain		Primary key of a row in the target table that identifies the second screen first tier test method target for the screening of the associated condition in the state.
second_screen_second_tier_test_method_target_id	bigint		plain		Primary key of a row in the target table that identifies the second screen second tier test method target for the screening of the associated condition in the state.
other_second_screen_first_tier_test_method_target	character varying(255)		extended		A text description of second screen first tier test method target of screen for condition in state. Only made available to user when 'Other' has been selected from the list of targets available for the screening
other_second_screen_second_tier_test_method_target	character varying(255)		extended		A text description of second screen second tier test method target of screen for condition in state. Only made available to user when 'Other' has been selected from the list of targets available for the screening
public_health_data_collected	boolean		plain		A boolean value that describes whether public health data is collected for this condition in this state. A null value indicates that the field is not applicable to the condition or that the answer is unknown. As of April 2015 this applies only to CCHD.
public_health_data_collection_id	bigint		plain		The primary key of a row in the public_health_data_collection table that best describes the public health data collection for the condition. A null value indicates that an answer is not applicable to this record.
other_public_health_data_collection	character varying(254)		extended		A short text description of the public health data collected for this condition. This field can be populated when a user selects "other" from the list of choices made available from the public_health_data_collection table.
public_health_data_collection_method_id	bigint		plain		The primary key of a row in the public_health_data_collection_method table that best describes the public health data collection method for the condition.
secondary_status_id	bigint		plain		Primary key of a row in the screening_status table that identifies a secondary status for the

					screening of the associated condition in the state.
tertiary_status_id	bigint		plain		Primary key of a row in the screening_status table that identifies a tertiary status for the screening of the associated condition in the state.
other_tertiary_status	character varying(255)		extended		Text describing an 'other' value when profile_condition_screening.tertiary_status_id represents an 'other' selection
first_screen_third_tier_test_method_id	bigint		plain		Primary key of a row in the test_method table that identifies the first screen third tier test method for the screening of the associated condition in the state.
other_first_screen_third_tier_test_method	character varying(255)		extended		A text description of first screen third tier test method of screen for condition in state. Only made available to user when 'Other' has been selected from the list of test methods available for the screening
first_screen_third_tier_test_method_target_id	bigint		plain		Primary key of a row in the target table that identifies the first screen third tier test method target for the screening of the associated condition in the state.
other_first_screen_third_tier_test_method_target	character varying(255)		extended		A text description of first screen third tier test method target of screen for condition in state. Only made available to user when 'Other' has been selected from the list of targets available for the screening
second_screen_third_tier_test_method_id	bigint		plain		Primary key of a row in the test_method table that identifies the second screen third tier test method for the screening of the associated condition in the state.
other_second_screen_third_tier_test_method	character varying(255)		extended		A text description of second screen third tier test method of screen for condition in state. Only made available to user when 'Other' has been selected from the list of test methods available for the screening
second_screen_third_tier_test_method_target_id	bigint		plain		Primary key of a row in the target table that identifies the second screen third tier test method target for the screening of the associated condition in the state.
other_second_screen_third_tier_test_method_target	character varying(255)		extended		A text description of second screen third tier test method target of screen for condition in state. Only made available to user when 'Other' has been selected from the list of targets available for the screening

Indexes:
"profile_condition_screening_status_pkey" PRIMARY KEY, btree (id)
"condition_screening_status_condition_idx" btree (condition_id)
"condition_screening_status_equipment_idx" btree (equipment_id)
"condition_screening_status_first_screen_first_tier_test_method_" btree (first_screen_first_tier_test_method_id)
"condition_screening_status_first_screen_second_tier_test_method" btree (first_screen_second_tier_test_method_id)
"condition_screening_status_profile_idx" btree (profile_id)
"condition_screening_status_second_screen_first_tier_test_method" btree (second_screen_first_tier_test_method_id)
"condition_screening_status_second_screen_second_tier_test_metho" btree (second_screen_second_tier_test_method_id)
"condition_screening_status_status_idx" btree (status_id)
"css_first_screen_first_tier_test_method_target_idx" btree (first_screen_first_tier_test_method_target_id)
"css_first_screen_second_tier_test_method_target_idx" btree (first_screen_second_tier_test_method_target_id)
"css_second_screen_first_tier_test_method_target_idx" btree (second_screen_first_tier_test_method_target_id)
"css_second_screen_second_tier_test_method_target_idx" btree (second_screen_second_tier_test_method_target_id)
Foreign-key constraints:
"cond_screen_status_public_health_data_collection_method_fk" FOREIGN KEY (public_health_data_collection_method_id) REFERENCES public_health_data_collection_method(id)
"condition_screening_status_condition_fk" FOREIGN KEY (condition_id) REFERENCES condition(id)
"condition_screening_status_equipment_fk" FOREIGN KEY (equipment_id) REFERENCES equipment(id)

"condition_screening_status_first_screen_first_tier_test_method_" FOREIGN KEY (first_screen_first_tier_test_method_id) REFERENCES test_method(id)
"condition_screening_status_first_screen_second_tier_test_method" FOREIGN KEY (first_screen_second_tier_test_method_id) REFERENCES test_method(id)
"condition_screening_status_first_screen_third_tier_test_method_" FOREIGN KEY (first_screen_third_tier_test_method_id) REFERENCES test_method(id)
"condition_screening_status_public_health_data_collection_fk" FOREIGN KEY (public_health_data_collection_id) REFERENCES public_health_data_collection(id)
"condition_screening_status_second_screen_first_tier_test_method" FOREIGN KEY (second_screen_first_tier_test_method_id) REFERENCES test_method(id)
"condition_screening_status_second_screen_second_tier_test_metho" FOREIGN KEY (second_screen_second_tier_test_method_id) REFERENCES test_method(id)
"condition_screening_status_second_screen_third_tier_test_method" FOREIGN KEY (second_screen_third_tier_test_method_id) REFERENCES test_method(id)
"condition_screening_status_status_fk" FOREIGN KEY (status_id) REFERENCES screening_status(id)
"condition_secondary_screening_status_status_fk" FOREIGN KEY (secondary_status_id) REFERENCES screening_status(id)
"condition_tertiary_screening_status_status_fk" FOREIGN KEY (tertiary_status_id) REFERENCES screening_status(id)
"css_first_screen_first_tier_test_method_target_fk" FOREIGN KEY (first_screen_first_tier_test_method_target_id) REFERENCES target(id)
"css_first_screen_second_tier_test_method_target_fk" FOREIGN KEY (first_screen_second_tier_test_method_target_id) REFERENCES target(id)
"css_first_screen_third_tier_test_method_target_fk" FOREIGN KEY (first_screen_third_tier_test_method_target_id) REFERENCES target(id)
"css_second_screen_first_tier_test_method_target_fk" FOREIGN KEY (second_screen_first_tier_test_method_target_id) REFERENCES target(id)
"css_second_screen_second_tier_test_method_target_fk" FOREIGN KEY (second_screen_second_tier_test_method_target_id) REFERENCES target(id)
"css_second_screen_third_tier_test_method_target_fk" FOREIGN KEY (second_screen_third_tier_test_method_target_id) REFERENCES target(id)
"fkcd70775553ff61b9" FOREIGN KEY (profile_id) REFERENCES state_nbs_profile(id)
Has OIDs: no

TABLE: profile_contact

Data table: Association table that relates information on a person with regards to a state program and the function or role that the person fills within the state program.

Table "public.profile_contact"

Column	Type	Modifiers	Storage	Stats target	Description
profile_id	bigint	not null	plain		Primary key of a row in the state_nbs_profile table that identifies the state program for which this record pertains.
alternate	boolean	not null	plain		Boolean value that when true indicates that the person is the alternate contact for this type.
contact_info_id	bigint		plain		Primary key of a row in the person table that identifies the person.
contact_type	character varying(255)		extended		Describes the type of contact or the role that the contact plays in a state program: Constrained by application logic to 'OVERALL_PROGRAM', 'STATE_LAB_DIRECTOR', 'PROGRAM_MANAGER', 'STATE_LAB_CONTACT', 'STATE_FOLLOW_UP_CONTACT', 'EHDI_CONTACT', 'CCHD_CONTACT', 'SUBJECT_MATTER_EXPERT'.

Indexes:
"profile_contact_info_idx" btree (contact_info_id)
Foreign-key constraints:
"fkc5699b8a53ff61b9" FOREIGN KEY (profile_id) REFERENCES state_nbs_profile(id)
"profile_contact_info_fk" FOREIGN KEY (contact_info_id) REFERENCES person(id)
Has OIDs: no

TABLE: profile_follow_up_operating_hours

Data table: containing operational hours for state NBS follow-up programs. Contains a row for each day of the week for the follow-up program, and if operational the hours for that day for that program.

Table "public.profile_follow_up_operating_hours"

Column	Type	Modifiers	Storage	Stats	Description

				target	
profile_id	bigint	not null	plain		The primary key of a row in the state_nbs_profile table that respresents a state profile for a particular state/year
day	character varying(255)		extended		A day of the week. Constrained by application logic to be values MONDAY-SUNDAY
end_time	character varying(255)		extended		Closing time of the follow-up program for this day. Constrained by application logic to be in the format "HH:mm AM/PM" or null if the value for the 'open' column is false
open	boolean		plain		Boolean value that indicates if the lab is open for the day with true being open and false being closed.
start_time	character varying(255)		extended		Opening time of the follow-up program for this day. Constrained by application logic to be in the format "HH:mm AM/PM" or null if the value for the 'open' column is false

Foreign-key constraints:
"fkf5bead2553ff61b9" FOREIGN KEY (profile_id) REFERENCES state_nbs_profile(id)
Has OIDs: no

TABLE: profile_lab_operating_hours

Data table: containing operational hours for program screening laboratories. Contains a row for each day of the week for the lab, and if operational the hours for that day for that state lab.

Table "public.profile_lab_operating_hours"

Column	Type	Modifiers	Storage	Stats target	Description
profile_id	bigint	not null	plain		The primary key of a row in the state_nbs_profile table that respresents a state profile for a particular state/year
day	character varying(255)		extended		A day of the week. Constrained by application logic to be values MONDAY-SUNDAY
end_time	character varying(255)		extended		Closing time of the lab for this day. Constrained by application logic to be in the format "HH:mm AM/PM" or null if the value for the 'open' column is false
open	boolean	not null	plain		Boolean value that indicates if the lab is open for the day with true being open and false being closed.
start_time	character varying(255)		extended		Opening time of the lab for this day. Constrained by application logic to be in the format "HH:mm AM/PM" or null if the value for the 'open' column is false

Foreign-key constraints:
"fkbc07b7fb53ff61b9" FOREIGN KEY (profile_id) REFERENCES state_nbs_profile(id)
Has OIDs: no

TABLE: program_followup_activity

Data table: used for tracking followup activities performed on particular days by a program

Table "public.program_followup_activity"

Column	Type	Modifiers	Storage	Stats target	Description
program_structure_id	bigint	not null	plain		The id of the program structure row associated with this data.
followup_activity_id	bigint	not null	plain		The id of the followup lab activity associated with this data.
monday	boolean	not null	plain		Does the activity happen on monday.
tuesday	boolean	not null	plain		Does the activity happen on tuesday.
wednesday	boolean	not null	plain		Does the activity happen on wednesday.
thursday	boolean	not null	plain		Does the activity happen on thursday.
friday	boolean	not null	plain		Does the activity happen on friday.
saturday	boolean	not null	plain		Does the activity happen on saturday.
sunday	boolean	not null	plain		Does the activity happen on sunday.
holiday	boolean	not null	plain		Does the activity happen on holiday.

Indexes:
    "program_followup_activity_pkey" PRIMARY KEY, btree (program_structure_id, followup_activity_id)
Foreign-key constraints:
    "program_followup_activity_followup_activity_fk" FOREIGN KEY (followup_activity_id) REFERENCES follow_up_lab_activity(id)
    "program_followup_activity_program_fk" FOREIGN KEY (program_structure_id) REFERENCES program_structure(id)
Has OIDs: no

TABLE: program_lab_activity

Data table: used for tracking lab activities performed on particular days by a program

Table "public.program_lab_activity"

Column	Type	Modifiers	Storage	Stats target	Description
program_structure_id	bigint	not null	plain		The id of the program structure row associated with this data.
lab_activity_id	bigint	not null	plain		The id of the lab activity associated with this data.
monday	boolean	not null	plain		Does the activity happen on monday.
tuesday	boolean	not null	plain		Does the activity happen on tuesday.
wednesday	boolean	not null	plain		Does the activity happen on wednesday.
thursday	boolean	not null	plain		Does the activity happen on thursday.
friday	boolean	not null	plain		Does the activity happen on friday.
saturday	boolean	not null	plain		Does the activity happen on saturday.
sunday	boolean	not null	plain		Does the activity happen on sunday.
holiday	boolean	not null	plain		Does the activity happen on holiday.

Indexes:
    "program_lab_activity_pkey" PRIMARY KEY, btree (program_structure_id, lab_activity_id)
Foreign-key constraints:
    "program_lab_activity_lab_activity_fk" FOREIGN KEY (lab_activity_id) REFERENCES lab_activity(id)
    "program_lab_activity_program_fk" FOREIGN KEY (program_structure_id) REFERENCES program_structure(id)
Has OIDs: no

TABLE: program_structure

Data table: Details on organization structure, staffing, responsibilities, operational hours, etc. of a State NBS program.

Table "public.program_structure"

Column	Type	Modifiers	Storage	Stats target	Description
id	bigint	not null	plain		Primary key - A surrogate key generated from the sequence 'hibernate_sequence'
borderline_follow_up_description	character varying(3999)		extended		A text description of who makes the follow-up calls on borderline screening results.
brochure_file_content_type	character varying(254)		extended		The mime-type of the uploaded NBS State information brochure.
brochure_file_name	character varying(254)		extended		The file name of the uploaded NBS State information brochure.
brochure_link	character varying(254)		extended		The Web address of a NBS State information brochure.
cchd_staffing_level	numeric(19,2)		main		The percent FTE of personnel dedicated to CCHD in the state NBS program.
clerical_support_staffing_level	numeric(19,2)		main		The percent FTE of personnel dedicated to Clerical Support in the state NBS program
ehdi_staffing_level	numeric(19,2)		main		The percent FTE of personnel dedicated to Early Hearing Detection and Intervention in the state NBS program
formal_communication_structure_description	character		extended		The description of the formal communication

	varying(3999)				structure with different NBS system partners (e.g., EHDI, CCHD, Follow-up, lab, birth defects, medical specialists, etc). For example, are there regularly scheduled meetings, newsletters, etc.
formal_communication_structure_present	boolean		plain		A boolean value that indicates if there is a formal communication structure with different NBS system partners (e.g., EHDI, CCHD, Follow-up, lab, birth defects, medical specialists, etc). A null value indicates 'unknown'.
inclement_weather_work_policy	character varying(3999)		extended		Text describing if the State NBS program has an inclement weather policy and the details of the policy.
lab_scientist_staffing_level	numeric(19,2)		main		The percent FTE of personnel in the Laboratory Scientist role in the state NBS program
org_chart_file_content_type	character varying(254)		extended		The mime-type of the uploaded NBS State system organizational chart file.
org_chart_file_name	character varying(254)		extended		The file name of the uploaded NBS State system organizational chart file.
org_chart_link	character varying(254)		extended		The Web address of a NBS State system organizational chart.
other_certification_program	character varying(254)		extended		Text describing the laboratory certification program for a state NBS program. This field can be populated when a user selects 'other' from the list of choices made available from the certification_program table.
other_proficiency_tests	character varying(254)		extended		Text describing the proficiency testing program in which a state NBS program lab participates. This field can be populated when a user selects 'other' from the list of choices made available from the proficiency_test table.
other_program_info_languages	character varying(254)		extended		Text describing the NBS program information available in languages other than in English. This field can be populated when a user selects 'other' from the list of choices made available from the language table.
other_stfu_personnel	character varying(254)		extended		Text describing the personnel that are responsible for the short-term follow-up. This field can be populated when a user selects 'other' from the list of choices made available from the stfu_personnel table.
performance_evaluation_staff_description	character varying(3999)		extended		Text describing the evaluation the performance of the assays/tests (PPV, NPV, FN, FP)
shared_duties	character varying(254)		extended		Text describing shared duties, if applicable. For example, describing the overlap (if there is one) between the lab and follow-up tasks.
stfu_staffing_level	numeric(19,2)		main		The percent FTE of personnel dedicated to Short Term Follow-up in the state NBS program (in house staff, not contract staff).
unsatisfactory_follow_up_description	character varying(3999)		extended		Text decribing the follow-up calls on unsatisfactory specimens
borderline_follow_up_staff_id	bigint		plain		A primary key of a row in the staff_type table that identifies the staff responsible for follow-up calls on borderline screening results
brochure_file_lob_id	bigint		plain		The primary key of a row in the lob_holder table that holds the large binary object that is the uploaded NBS State information brochure
certification_program_id	bigint		plain		The primary key of a row in the certification_program table that identifies the laboratory certification program for the State NBS program
org_chart_file_lob_id	bigint		plain		The primary key of a row in the lob_holder table that holds the large binary object that is the