

# Access Missouri Table Inventory

## Tables

*Note: Tables only shown if records > 0.*

Table Name	Number of Records	Table Description
assembly	11	Collections of elected state legislators. Changes every two years. House members are elected for one assembly and Senate members are elected for two. Records begin in 1995 and end in 2015.
session_type	2	Either "Regular" or "Extraordinary".
session	32	Period of legislative activity. A regular session is held every year.
chamber	2	Either "Senate" or "House".
source_doc	81623	URLs and file names (with paths) to documents from which Access Missouri data was extracted. Records are unique by URL, parent_id and file_name.
person	2823	Full parsed names of (what should be) unique persons who have been legislative candidates or members. These are based on SoS election results. Records are unique by first_name, middle_name, last_name and name_suffix.
person_name	3148	Any combination of first_name, middle_name, last_name and name_suffix found among the race candidate records, as well as the distinct person to which the name most likely belongs.
election_type	3	Either "General", "Special" or "Primary".
election	74	Dates of state legislative elections held in Missouri from 1996 to 2014.
race_type	17	The office for which candidates are running in a given race. Also includes "Constitutional Amendment" and "Proposition".
race	5188	Combinations of elections, race types and districts for which candidates are running. Includes the number of precincts voting in each race and the total number of votes cast in each race.

race_candidate	8542	Combinations of persons and the races in which they have run.
assembly_member	2237	Each person elected to each assembly. These records are created from winning candidates in races (i.e., race candidate records with rank = 1). Records are unique on race_id and person_id.
member_session_profile	4077	Lawmaker profiles for each session from the House and Senate Clerk websites.
district_vacancy	17	Districts in given chambers that were vacant at the close of given sessions. Collected from House and Senate clerk member rosters. Records are unique on session_id, chamber_id and district.
bill_type	14	Prefixes of bills indicating their type and chamber.
bill	37558	Each bill introduced in the Missouri legislature between 1995 and 2014. Records are unique by session_id, bill_type_id and number.
bill_sponsor	55999	Assembly members signed on in support of a given bill. Records are unique by bill_id and assembly_member_id.
bill_action	305610	Dates and descriptions of legislative actions on bills. If the action includes a vote, the number of legislators voting Aye, No and Present are included. Records are unique by bill_id, action_date and description.
bill_action_journal_page	225769	Where available, the link to the legislative journal pdf file and the page numbers of the file in which the bill action is described.
formal_name	544	Formal Names that have diminutive versions.
diminutive_name	1096	Diminutive versions of formal names.
party	12	Missouri political parties.

## Column Enumeration

Table Name	Column Name	Type	Description
assembly	id	integer	Primary key. Also the general assembly number.

assembly	name	character varying	E.g., "88th General Assembly"
assembly	created_date	timestamp without time zone	Date and time the record was inserted into the database.
assembly	start_year	integer	Four digit year of the first day of the first session of the general assembly. This should be the year after the general election in which members of this assembly were elected.
assembly	end_year	integer	Four digit year of the last day the last session of the general assembly.
assembly_member	id	integer	Primary key.
assembly_member	assembly_id	integer	Foreign key referencing an assembly in which the member served.
assembly_member	person_id	integer	Foreign key referencing the distinct person who was the assembly Assembly_Member.
assembly_member	chamber_id	character varying	Foreign key referencing the chamber in which the member served.
assembly_member	party_id	character varying	The party which the member caucused with during the assembly.
assembly_member	district	integer	Foreign key referencing the district which the assembly member represented.
assembly_member	counties	character varying	The counties which the assembly member represented.
assembly_member	race_candidate_id	integer	Foreign key referencing the candidacy in the race (if available) in which the member was elected to the assembly.
assembly_member	created_date	timestamp without time zone	Date and time the record was inserted into the database.

bill	id	integer	Primary key.
bill	session_id	integer	Foreign key referencing the session in which the bill was introduced.
bill	bill_type_id	character varying	Foreign key referencing the type of bill (e.g., "HB", "SJB").
bill	number	integer	Bill number describing the order in which it was introduced for the given type and session.
bill	bill_string	character varying	Full name of bill, including type and number.
bill	title	character varying	Title of the bill.
bill	description	text	Description of the bill.
bill	lr_number	character varying	Legislative research number???
bill	sponsor_string	character varying	Name of the bill sponsor, as it appears on the House or Senate clerk website.
bill	co_sponsor_string	character varying	Text describing the names of co-sponsors, as it appears on the House or Senate clerk website.
bill	co_sponsor_link	character varying	URL linking to the list of co-sponsors of the bill.
bill	committee_id	integer	Foreign key referencing the committee to which the bill was (most recently?) assigned.
bill	effective_date	character varying	Date on which the bill would become effective.
bill	source_doc_id	integer	Foreign key referencing the House or Senate clerk bill details page.
bill	created_date	timestamp without time zone	Date and time the record was inserted into the database.

bill	combined_with	character varying	None
bill	stricken_from_calendar	boolean	None
bill_action	id	integer	Primary key.
bill_action	bill_id	integer	Foreign key referencing the bill acted upon.
bill_action	action_date	date	Date of legislative action on the bill.
bill_action	order	integer	Order in which the action appeared on the source doc.
bill_action	description	text	Full description of the legislative action.
bill_action	description_link	character varying	Where available, URL linking to the journal where the legislative action was described.
bill_action	aye_count	integer	Where available for voting actions, the number of legislators who voted "aye", as it appears in the bill action description.
bill_action	no_count	integer	Where available for voting actions, the number of legislators who voted "no", as it appears in the bill action description.
bill_action	present_count	integer	Where available for voting actions, the number of legislators who voted "present", as it appears in the bill action description.
bill_action	source_doc_id	integer	Foreign key referencing the action page of the bill
bill_action	created_date	timestamp without time zone	Date and time the record was inserted into the database.
bill_action_journal_page	id	integer	Primary key.
bill_action_journal_page	bill_action_id	integer	Foreign key referencing the bill action.

bill_action_journal_page	chamber_id	character varying	Foreign key referencing the chamber to which the journal belongs.
bill_action_journal_page	start_page	integer	Page on which the description of the bill action starts in the legislative journal.
bill_action_journal_page	end_page	integer	Page on which the description of the bill action ends in the legislative journal.
bill_action_journal_page	journal_link	character varying	Where available, URL linking to the journal where the legislative action was described.
bill_action_journal_page	created_date	timestamp without time zone	Date and time the record was inserted into the database.
bill_sponsor	id	integer	Primary key.
bill_sponsor	bill_id	integer	Foreign key referencing the bill sponsored by the member.
bill_sponsor	sponsor_type	character varying	S = Sponsor, C = CoSponsor
bill_sponsor	sponsor_id	integer	Foreign key referencing the assembly member that sponsored the bill.
bill_sponsor	raw_name	character varying	String that contains the name of the bill sponsor as it appears in the source doc.
bill_sponsor	created_date	timestamp without time zone	Date and time the record was inserted into the database.
bill_summary	id	integer	Primary key.
bill_summary	bill_id	integer	None
bill_summary	description	character varying	None

bill_summary	order	integer	None
bill_summary	summary	text	None
bill_summary	source_doc_id	integer	None
bill_text	id	integer	Primary key.
bill_text	bill_id	integer	None
bill_text	description	character varying	None
bill_text	order	integer	None
bill_text	text	text	None
bill_text	source_doc_id	integer	None
bill_topic	id	integer	Primary key.
bill_topic	bill_id	integer	None
bill_topic	topic	character varying	None
bill_topic	created_date	timestamp without time zone	Date and time the record was inserted into the database.
bill_type	id	character varying	Primary key (e.g., "HB", "SJB").
bill_type	name	character varying	Full name of the bill type (e.g., "House Bill", "Senate Joint Resolution").
bill_type	chamber_id	character varying	Foreign key referencing the chamber in which bills of this type originate.
bill_type	created_date	timestamp without time zone	Date and time the record was inserted into the database.
chamber	id	character varying	Primary key. Either "H" or "S".
chamber	name	character	Either "House" or "Senate".

		varying	
chamber	title	character varying	Either "Rep." or "Sen.".
chamber	full_title	character varying	Either "Representative" or "Senator".
chamber	created_date	timestamp without time zone	Date and time the record was inserted into the database.
committee	id	integer	Primary key.
committee	chamber_id	character varying	Foreign key referencing the legislative chamber of the committee.
committee	name	character varying	Name of the committee.
committee	created_date	timestamp without time zone	Date and time the record was inserted into the database.
committee_member	id	integer	Primary key.
committee_member	committee_id	integer	Foreign key referencing the committee of which the legislator is a member.
committee_member	member_id	integer	Foreign key referencing the assembly member that is on the committee.
committee_member	created_date	timestamp without time zone	Date and time the record was inserted into the database.
diminutive_name	id	integer	Primary key.
diminutive_name	formal_name_id	integer	Foreign key referencing the formal version of the diminutive name.
diminutive_name	name	character varying	Diminutive version of the formal name.
diminutive_name	sex	character	M = Male, F = Female, N = Neutral



		varying	
district_vacancy	id	integer	Primary key.
district_vacancy	session_id	integer	Foreign key referencing the session in which the district was vacant.
district_vacancy	chamber_id	character varying	Foreign key referencing the chamber in which the district was vacant.
district_vacancy	district	character varying	The district that was vacant in chamber and session.
district_vacancy	created_date	timestamp without time zone	Date and time the record was inserted into the database.
election	id	integer	Primary key.
election	name	character varying	Name of the election as it appears in the SoS election results (e.g., "General Election - November 4, 2014").
election	election_date	date	Date that the election was held.
election	election_type_id	character varying	Foreign key referencing the type of election (General, Primary or Special).
election	file_name	character varying	File path and name of a local copy of the text file of the election results.
election	assembly_id	integer	Foreign key field referencing the assembly to which the legislative race candidates were elected.
election	created_date	timestamp without time zone	Date and time the record was inserted into the database.
election_type	id	character varying	Primary key. Either "G", "S" or "P".
election_type	name	character varying	Either "General", "Special" or "Primary".
election_type	created_date	timestamp	Date and time the record was

		without time zone	inserted into the database.
formal_name	id	integer	Primary key.
formal_name	name	character varying	Unique formal name that has one or more diminutive versions.
formal_name	created_date	timestamp without time zone	Date and time the record was inserted into the database.
member_session_profile	id	integer	Primary key.
member_session_profile	assembly_member_id	integer	Foreign key referencing the assembly member profiled.
member_session_profile	session_id	integer	Foreign key referencing the session in which the member was profiled.
member_session_profile	raw_name	character varying	Name of the legislator as it appears on the Legislator Roster page.
member_session_profile	party_id	character varying	None
member_session_profile	source_doc_id	integer	Foreign key representing the House or Senate clerk lawmaker details page.
member_session_profile	created_date	timestamp without time zone	Date and time the record was inserted into the database.
party	id	character varying	Primary key.
party	short_name	character varying	Three-character abbreviation of the party name.
party	name	character varying	Current name of the political party.
party	created_date	timestamp without time zone	Date and time the record was inserted into the database.
person	id	integer	Primary key.

person	first_name	character varying	Full first name or first initial.
person	middle_name	character varying	Full middle name or initial.
person	last_name	character varying	Full last name.
person	name_suffix	character varying	E.g., "Sr", "Jr" or "III".
person	nickname	character varying	Alternate name found in (...), as in "Jack (Skip) Johnson".
person	created_date	timestamp without time zone	Date and time the record was inserted into the database.
person_name	id	integer	Primary key.
person_name	person_id	integer	Foreign key referencing most likely distinct person to which the name belongs.
person_name	first_name	character varying	Full first name or first initial.
person_name	middle_name	character varying	Full middle name or initial.
person_name	last_name	character varying	Full last name.
person_name	name_suffix	character varying	E.g., "Sr", "Jr" or "III".
person_name	nickname	character varying	Alternate name found in (...), as in "Jack (Skip) Johnson".
person_name	created_date	timestamp without time zone	Date and time the record was inserted into the database.
race	id	integer	Primary key.

race	election_id	integer	Foreign key referencing the election when the race was decided.
race	race_type_id	integer	Foreign key referencing the type of race (e.g., "State Senator").
race	district	integer	Number representing the legislative district for which candidates are running.
race	party_id	character varying	For Primary races, foreign key referencing the political party for which the candidates are to be nominee.
race	unexpired	boolean	Not term-limited???
race	num_precincts	integer	Number precincts in which voters are eligible to vote in the race.
race	total_votes	integer	Number of votes cast in the race.
race	created_date	timestamp without time zone	Date and time the record was inserted into the database.
race_candidate	id	integer	Primary key.
race_candidate	race_id	integer	Foreign key referencing the race in which the candidate ran.
race_candidate	raw_name	character varying	Full name of the candidate, as it appeared in the SoS election results.
race_candidate	person_id	integer	Foreign key referencing the distinct person representing the candidate.
race_candidate	party_id	character varying	Political party of the candidate, as it appeared in the SoS results.
race_candidate	votes	integer	Number of votes cast for the given candidate in the given election.
race_candidate	pct_votes	real	Votes cast for the given candidate as a percent of total votes cast in the race.
race_candidate	rank	integer	Rank among other candidates in the

			race based on votes received. Winners are ranked 1.
race_candidate	created_date	timestamp without time zone	Date and time the record was inserted into the database.
race_type	id	integer	Primary key.
race_type	name	character varying	Name of the office for which candidates are running in a given race (e.g., "State Senator"). Also includes "Constitutional Amendment" and "Proposition".
race_type	chamber_id	character varying	Foreign key referencing the legislative chamber for which winners of this type of race are elected.
race_type	created_date	timestamp without time zone	Date and time the record was inserted into the database.
session	id	integer	Primary key.
session	assembly_id	integer	Foreign key referencing assembly in which session occurred.
session	year	integer	Four digit year in which the session occurred
session	session_type_id	character varying	Foreign key referencing the type of session (either "Regular" or "Extraordinary").
session	year_type_ord	integer	Indicates the order of the session in cases where multiple sessions of the same type occurred in the same year (mostly relevant to Extraordinary sessions).
session	name	character varying	Name of the session as labeled on the House or Senate clerk website.
session	created_date	timestamp without	Date and time the record was inserted into the database.

		time zone	
session_type	id	character varying	Primary key. Either "R" or "E".
session_type	name	character varying	Either "Regular" or "Extraordinary".
session_type	created_date	timestamp without time zone	Date and time the record was inserted into the database.
source_doc	id	integer	Primary key.
source_doc	name	character varying	Text labeling the link to the source doc.
source_doc	session_id	integer	Foreign key referencing the session under which the source doc was found.
source_doc	chamber_id	character varying	Foreign key referencing the legislative chamber website from which the source doc was collected.
source_doc	url	character varying	Link to the source doc.
source_doc	scheme	character varying	Parsed from the url.
source_doc	netloc	character varying	Parsed from the url.
source_doc	path	character varying	Parsed from the url.
source_doc	params	character varying	Parsed from the url.
source_doc	query	character varying	Parsed from the url.
source_doc	fragment	character varying	Parsed from the url.
source_doc	file_name	character	File name and path for local copy of

		varying	the source doc.
source_doc	parent_id	integer	Foreign key referencing the other source doc that includes the link to this source doc
source_doc	created_date	timestamp without time zone	Date and time the record was inserted into the database.