

W205 Project – Data File Schema

Original Files: from www.fec.gov

Committee Master File:

he end-of-line (EOL) marker is line feed '\n' (LF, 0x0A, 10 in decimal). The Committee Master File contains the following information:

Column Name	Field Name	Position	Null?	Data Type	Description
CMTE_ID	Committee Identification	1	N	VARCHAR2(9)	A 9-character alpha-numeric code assigned to a committee by the Federal Election Commission. The committee ID for a specific committee always remains the same.
CMTE_NM	Committee Name	2	Y	VARCHAR2(200)	
TRES_NM	Treasurer's Name	3	Y	VARCHAR2(90)	The officially registered treasurer for the committee.
CMTE_ST1	Street One	4	Y	VARCHAR2(34)	
CMTE_ST2	Street Two	5	Y	VARCHAR2(34)	
CMTE_CITY	City or Town	6	Y	VARCHAR2(30)	
CMTE_ST	State	7	Y	VARCHAR2(2)	
CMTE_ZIP	Zip Code	8	Y	VARCHAR2(9)	

CMTE_DSGN	Committee Designation	9	Y	VARCHAR2(1)	A = Authorized by a candidate B = Lobbyist/Registrant PAC D = Leadership PAC J = Joint fundraiser P = Principal campaign committee of a candidate U = Unauthorized
CMTE_TP	Committee Type	10	Y	VARCHAR2(1)	List of committee type codes
CMTE_PTY_AFFILIATION	Committee Party	11	Y	VARCHAR2(3)	List of party codes
CMTE_FILING_FREQ	Filing Frequency	12	Y	VARCHAR2(1)	A = Administratively terminated D = Debt M = Monthly filer Q = Quarterly filer T = Terminated W = Waived
ORG_TP	Interest Group Category	13	Y	VARCHAR2(1)	C = Corporation L = Labor organization M = Membership organization T = Trade association V = Cooperative W = Corporation without capital stock
CONNECTED_ORG_NM	Connected Organization's Name	14	Y	VARCHAR2(200)	
CAND_ID	Candidate	15	Y	VARCHAR2(9)	When a committee has a committee type

	Identification				designation of H, S, or P the identification number of the candidate will be entered in this field.
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Transformed Committee File – committee.csv:

Column	Name
0	Committee ID
1	Committee Name
2	Committee Type (P = Presidential; S = Senate; H = House)
3	Candidate ID number

Candidate Master File:

The end-of-line (EOL) marker is line feed '\n' (LF, 0x0A, 10 in decimal). The Candidate Master File contains the following information:

Column Name	Field Name	Position	Null?	Data Type	Description
CAND_ID	Candidate Identification	1	N	VARCHAR2(9)	A 9-character alphanumeric code assigned to a candidate by the Federal Election Commission. The candidate ID for a specific candidate remains the same across election cycles as long as the candidate is running for the same office.

CAND_NAME	Candidate Name	2	Y	VARCHAR2(200)	
CAND_PTY_AFFILIATION	Party Affiliation	3	Y	VARCHAR2(3)	The political party affiliation reported by the candidate.

CAND_ELECTION_YR	Year of Election	4	Y	Number(4)	Candidate's election year from a Statement of Candidacy or state ballot list.
CAND_OFFICE_ST	Candidate State	5	Y	VARCHAR2(2)	House = state of race President = US Senate = state of race
CAND_OFFICE	Candidate Office	6	Y	VARCHAR2(1)	H = House P = President S = Senate
CAND_OFFICE_DISTRICT	Candidate District	7	Y	VARCHAR2(2)	Congressional district number. Congressional At Large 00 Senate 00 Presidential 00
CAND_ICI	Incumbent Challenger Status	8	Y	VARCHAR2(1)	C = Challenger I = Incumbent O = Open Seat is used to indicate an open seat. Open seats are defined as seats where the incumbent never sought re-election.
CAND_STATUS	Candidate Status	9	Y	VARCHAR2(1)	C = Statutory candidate F = Statutory candidate for future election N = Not yet a statutory candidate P = Statutory candidate in prior cycle
CAND_PCC	Principal Campaign Committee	10	Y	VARCHAR2(9)	The ID assigned by the Federal Election Commission to the

candidate's principal
campaign committee
for a given election
cycle.

CAND_ST1	Mailing Address - Street	11	Y	VARCHAR2(34)	Mailing Address - Street
CAND_ST2	Mailing Address - Street2	12	Y	VARCHAR2(34)	Mailing Address - Street2
CAND_CITY	Mailing Address - City	13	Y	VARCHAR2(30)	Mailing Address - City
CAND_ST	Mailing Address - State	14	Y	VARCHAR2(2)	Mailing Address - State
CAND_ZIP	Mailing Address - Zip Code	15	Y	VARCHAR2(9)	Mailing Address - Zip Code

Transformed Candidate Master File

Column	Name
0	Candidate ID Number
1	Candidate Name
2	Office – P = President, H= House, S= Senate
3	Primary Campaign Committee ID Number

Pass-Through Donations Master File

Column Name	Field Name	Position	Null?	Data Type	Description
CMTE_ID	Filer Identification Number	1	N	VARCHAR2 (9)	Identification number of committee filing report. A 9-character alpha-numeric code assigned to a committee by the Federal Election Commission

AMNDT_IND	Amendment Indicator	2	Y	VARCHAR2 (1)	Indicates if the report being filed is new (N), an amendment (A) to a previous report, or a termination (T) report.
RPT_TP	Report Type	3	Y	VARCHAR2 (3)	Indicates the type of report filed. List of report type codes
TRANSACTION_PGI	Primary-General Indicator	4	Y	VARCHAR2 (5)	This code indicates the election for which the contribution was made. EYYYY (election Primary, General, Other plus election year)
IMAGE_NUM	Image Number	5	Y	VARCHAR2 (11) or VARCHAR2(18)	<p>11-digit Image Number Format YYOORRRFFFF YY - scanning year OO - office (01 - House, 02 - Senate, 03 - FEC Paper, 9x - FEC Electronic) RRR - reel number FFFF- frame number</p> <p>18-digit Image Number Format (June 29, 2015) YYYYMMDDSSPPPPPPPP YYYY - scanning year MM - scanning month DD - scanning day SS - source (02 - Senate, 03 - FEC Paper, 9x - FEC Electronic) PPPPPPPP - page (reset to zero every year on January 1)</p>

TRANSACTION_TP	Transaction Type	6	Y	VARCHAR2 (3)	Transaction types 24A, 24C, 24E, 24F, 24H, 24K, 24N, 24P, 24R and 24Z are included in the PAS2 file. For more information about transaction type codes see this list of transaction type codes
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ENTITY_TP	Entity Type	7	Y	VARCHAR2 (3)	ONLY VALID FOR ELECTRONIC FILINGS received after April 2002. CAN = Candidate CCM = Candidate Committee COM = Committee IND = Individual (a person) ORG = Organization (not a committee and not a person) PAC = Political Action Committee PTY = Party Organization
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NAME	Recipient/Payee	8	Y	VARCHAR2 (200)	
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CITY	City/Town	9	Y	VARCHAR2 (30)	
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STATE	State	10	Y	VARCHAR2 (2)	
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ZIP_CODE	Zip Code	11	Y	VARCHAR2 (9)	
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EMPLOYER	Employer	12	Y	VARCHAR2 (38)	
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OCCUPATION	Occupation	13	Y	VARCHAR2 (38)	
TRANSACTION_DT	Transaction Date(MMDDYYYY)	14	Y	DATE	
TRANSACTION_AMT	Transaction Amount	15	Y	NUMBER (14,2)	
OTHER_ID	Other Identification Number	16	Y	VARCHAR2 (9)	FEC ID of the recipient committee or the supported or opposed candidate ID.
CAND_ID	Candidate Identification Number	17	Y	VARCHAR2 (9)	Recipient Candidate ID. Candidate receiving money from the filing committee
TRAN_ID	Transaction ID	18	Y	VARCHAR2 (32)	ONLY VALID FOR ELECTRONIC FILINGS. A unique identifier associated with each itemization or transaction appearing in an FEC electronic file. A transaction ID is unique for a specific committee for a specific report. In other words, if committee, C1, files a Q3 New with transaction SA123 and then files 3 amendments to the Q3 transaction SA123 will be identified by transaction ID SA123 in all 4 filings.

FILE_NUM	File Number / Report ID	19	Y	NUMBER (22)	Unique report id
MEMO_CD	Memo Code	20	Y	VARCHAR2 (1)	'X' indicates that the amount is NOT to be included in the itemization total.
MEMO_TEXT	Memo Text	21	Y	VARCHAR2 (100)	A description of the activity. Memo Text is available on itemized amounts on Schedules A and B. These transactions are included in the itemization total.
SUB_ID	FEC Record Number	22	N	NUMBER (19)	Unique row ID

Transformed Pass-Through Contributions File

Column	Name
0	Committee ID Number
1	Transaction Type
2	Employer
3	Amount of contribution
4	Candidate ID Number

Original Individual Contributions Master File

Column Name	Field Name	Position	Null?	Data Type	Description
CMTE_ID	Filer Identification Number	1	N	VARCHAR2 (9)	A 9-character alpha-numeric code assigned to a committee by the Federal Election Commission

AMNDT_IND	Amendment Indicator	2	Y	VARCHAR2 (1)	Indicates if the report being filed is new (N), an amendment (A) to a previous report, or a termination (T) report.
RPT_TP	Report Type	3	Y	VARCHAR2 (3)	Indicates the type of report filed. List of report type codes
TRANSACTION_PGI	Primary-General Indicator	4	Y	VARCHAR2 (5)	<p>This code indicates the election for which the contribution was made.</p> <p>EYYYY (election plus election year)</p> <p>P = Primary</p> <p>G = General</p> <p>O = Other</p> <p>C = Convention</p> <p>R = Runoff</p> <p>S = Special</p> <p>E = Recount</p>
IMAGE_NUM	Image Number	5	Y	VARCHAR2 (11) or VARCHAR2(18)	<p>11-digit Image Number Format</p> <p>YYOORRRFFFF</p> <p>YY - scanning year</p> <p>OO - office (01 - House, 02 - Senate, 03 - FEC Paper, 9x - FEC Electronic)</p> <p>RRR - reel number</p> <p>FFFF- frame number</p> <p>18-digit Image Number Format (June 29, 2015)</p> <p>YYYYMMDDSSPPPPPPPP</p>

					YYYY - scanning year MM - scanning month DD - scanning day SS - source (02 - Senate, 03 - FEC Paper, 9x - FEC Electronic) PPPPPPP - page (reset to zero every year on January 1)
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TRANSACTION_TP	Transaction Type	6	Y	VARCHAR2 (3)	Transaction types 10, 11, 15, 15C, 15E, 15I, 15T, 19, 22Y, 24I, 24T, 20Y and 21Y are included in the INDIV file. Beginning with 2016 transaction types 30, 30T, 31, 31T, 32, 32T, 40T, 40Y, 41T, 41Y, 42T and 42Y are also included in the INDIV file. For more information about transaction type codes see this list of transaction type codes
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ENTITY_TP	Entity Type	7	Y	VARCHAR2 (3)	ONLY VALID FOR ELECTRONIC FILINGS received after April 2002. CAN = Candidate CCM = Candidate Committee COM = Committee IND = Individual (a person) ORG = Organization (not a committee and not a person)
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					PAC = Political Action Committee PTY = Party Organization
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NAME	Contributor/Lender/Transfer Name	8	Y	VARCHAR2 (200)	
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CITY	City/Town	9	Y	VARCHAR2 (30)	
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STATE	State	10	Y	VARCHAR2 (2)	
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ZIP_CODE	Zip Code	11	Y	VARCHAR2 (9)	
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EMPLOYER	Employer	12	Y	VARCHAR2 (38)	
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OCCUPATION	Occupation	13	Y	VARCHAR2 (38)	
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TRANSACTION_DT	Transaction Date(MMDDYYYY)	14	Y	DATE	
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TRANSACTION_AMT	Transaction Amount	15	Y	NUMBER (14,2)	
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OTHER_ID	Other Identification Number	16	Y	VARCHAR2 (9) <div> For contributions from individuals this column is null. For contributions from candidates or other committees this column will contain that contributor's FEC ID. </div>
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TRAN_ID	Transaction ID	17	Y	VARCHAR2 (32)	ONLY VALID FOR ELECTRONIC FILINGS. A unique identifier associated with each itemization or transaction appearing in an FEC electronic file. A transaction ID is unique for a specific committee for a specific report. In other words, if committee, C1, files a Q3 New with transaction SA123 and then files 3 amendments to the Q3 transaction SA123 will be identified by transaction ID SA123 in all 4 filings.
FILE_NUM	File Number / Report ID	18	Y	NUMBER (22)	Unique report id
MEMO_CD	Memo Code	19	Y	VARCHAR2 (1)	'X' indicates that the amount is NOT to be included in the itemization total.
MEMO_TEXT	Memo Text	20	Y	VARCHAR2 (100)	A description of the activity. Memo Text is available on itemized amounts on Schedules A and B. These transactions are included in the itemization total.

SUB_ID	FEC Record Number	21	N	NUMBER (19)	Unique row ID
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Transformed Individual Contributions File

Column	Name
0	Committee ID (the recipient of the contribution)
1	Transaction Type
2	Entity Type (whether donor is a candidate, a committee, an individual or a party committee)
3	Contributor Name
4	Contributor Employer
5	Amount of Contribution