2019 ED-Death Linkage Data Dictionary

The Office of Statewide Health Planning and Development (OSHPD) linked the Emergency Department (ED) data to the California Comprehensive Master Death File (CCMDF) by a probabilistic linkage model developed jointly by ChoiceMaker, LLC and OSHPD. In these files, the ED records from each year were linked to the death records of that same year. The table below provides the name, type, length, and label for all variables as well as their data source. The variables are either created for the data product, computed by the ChoiceMaker algorithm, or adapted from ED or CCMDF. The cross match is provided for the variables that are adapted from ED and CCMDF, please refer to the ED data dictionary and the CCMDF data dictionary for details.

#	Variable	Type	Length	Label	Source	Notes
1	Year	Char	4	Event Year	Created	Year of death and ED encounter
2	EDid	Char	22	Unique ED Identification Number	Created	Concatenated variable from data_id and pat_id in ED
3	VD_fileno	Char	13	State File Number (F1)	CCMDF	Field Sequence 1 in CCMDF
4	VD_death_date_cert	Num	8	Date of Death (F20)	CCMDF	Field Sequence 20 in CCMDF
5	ED_serv_dt	Num	8	Service Date	ED	serv_dt in ED
6	VD_ssn	Char	9	Social Security Number (F31)	CCMDF	OSHPD does not release this field
7	ED_ssn	Char	9	Social Security Number	ED	OSHPD does not release this field
8	VD_birthdate	Num	8	Date of Birth (F8)	CCMDF	Field Sequence 8 in CCMDF
9	ED_bthdate	Num	8	Birth Date	ED	bthdate in ED
10	CM_decision	Char	1	ChoiceMaker Decision	ChoiceMaker	ChoiceMaker decision regarding the matching status based - on conditional probability: • "M"-match, conditional probability >=0.95; · • "H"-hold, 0.2=< conditional probability<0.95
11	CM_probability	Num	8	ChoiceMaker Probability	ChoiceMaker	Computed conditional probability by ChoiceMaker, value range 0-1
12	VD_zipcode5	Char	5	Decedent's Zip Code of Residence 5 (F66)	CCMDF	Field Sequence 66 in CCMDF
13	ED_patzip	Char	5	Patient Zip Code	ED	patzip in ED
14	VD_sex	Char	1	Sex (F19)	CCMDF	Field Sequence 19 in CCMDF
15	ED_sex	Char	1	Sex	ED	sex in ED
16	ED_data_id	Char	10	Data Set Identification Number	ED	data_id in ED
17	ED_pat_id	Char	12	Patient Identification Number	ED	pat_id in ED
18	ED_oshpd_id	Char	6	Facility Number (6-digit)	ED	oshpd_id in ED
19	ED_oshpd_id9	Char	9	Facility Number (9-digit)	ED	oshpd_id9 in ED
20	ED_hplzip	Char	5	Facility Zip Code	ED	hplzip in ED
21	ED_hplcnty	Char	2	Facility County Code	ED	hplcnty in ED
22	ED_lic_type	Char	1	License Type	ED	lic_type in ED
23	ED_abstrec	Char	12	Abstract Record Number	ED	abstrec in ED
24	ED_rln	Char	9	Record Linkage Number	ED	rln in ED
25	ED_dob_raw	Char	8	Birth Date as Reported	ED	dob_raw in ED

#	Variable	Type	Length	Label	Source	Notes
26	ED_agdyserv	Num	8	Age in Days at Service Date	ED	agdyserv in ED
27	ED_agyrserv	Num	8	Age in Years at Service Date	ED	agyrserv in ED
28	ED_agecatserv	Char	2	Age Range - 20 categories	ED	agecatserv in ED
29	ED_ethncty	Char	2	Ethnicity	ED	ethncty in ED
30	ED_race1	Char	2	Race Code 1	ED	race1 in ED
31	ED_race2	Char	2	Race Code 2	ED	race2 in ED
32	ED_race3	Char	2	Race Code 3	ED	race3 in ED
33	ED_race4	Char	2	Race Code 4	ED	race4 in ED
34	ED_race5	Char	2	Race Code 5	ED	race5 in ED
35	ED_race_aman	Char	1	Race - American Indian or Alaskan Native	ED	race_aman in ED
36	ED_race_asian	Char	1	Race - Asian	ED	race_asian in ED
37	ED_race_black	Char	1	Race - Black or African American	ED	race_black in ED
38	ED_race_nhpi	Char	1	Race - Native Hawaiian or Other Pacific Islander	ED	race_nhpi in ED
39	ED_race_white	Char	1	Race - White	ED	race_white in ED
40	ED_race_other	Char	1	Race - Other	ED	race_other in ED
41	ED_race_grp	Char	1	Race/Ethnicity Group	ED	race_grp in ED
42	ED_pls_abbr	Char	3	Preferred Language Spoken Abbreviation	ED	pls_abbr in ED
43	ED_pls_wrtin	Char	24	Preferred Language Spoken Write-in Text	ED	pls_wrtin in ED
44	ED_patcnty	Char	2	Patient County of Residence	ED	patcnty in ED
45	ED_serv_d	Char	1	Day of Week of Service	ED	serv_d in ED
46	ED_serv_m	Char	2	Month of Service	ED	serv_m in ED
47	ED_serv_q	Char	1	Quarter of Service	ED	serv_q in ED
48	ED_serv_y	Char	4	Year of Service	ED	serv_y in ED
49	ED_disp	Char	2	Disposition of the Patient	ED	disp in ED
50	ED_payer	Char	2	Expected Source of Payment	ED	payer in ED
51	ED_charge	Num	8	Total Charges	ED	charge in ED
52	ED_diag_p	Char	8	Principal Diagnosis	ED	diag_p in ED
53	ED_odiag1	Char	8	Other Diagnosis 1	ED	odiag1 in ED
54	ED_odiag2	Char	8	Other Diagnosis 2	ED	odiag2 in ED
55	ED_odiag3	Char	8	Other Diagnosis 3	ED	odiag3 in ED
56	ED_odiag4	Char	8	Other Diagnosis 4	ED	odiag4 in ED
57	ED_odiag5	Char	8	Other Diagnosis 5	ED	odiag5 in ED
58	ED_odiag6	Char	8	Other Diagnosis 6	ED	odiag6 in ED
59	ED_odiag7	Char	8	Other Diagnosis 7	ED	odiag7 in ED
60	ED_odiag8	Char	8	Other Diagnosis 8	ED	odiag8 in ED
61	ED_odiag9	Char	8	Other Diagnosis 9	ED	odiag9 in ED
62	ED_odiag10	Char	8	Other Diagnosis 10	ED	odiag10 in ED
63	ED_odiag11	Char	8	Other Diagnosis 11	ED	odiag11 in ED
64	ED_odiag12	Char	8	Other Diagnosis 12	ED	odiag12 in ED
65	ED_odiag13	Char	8	Other Diagnosis 13	ED	odiag13 in ED

#	Variable	Type	Length	Label	Source	Notes
66	ED_odiag14	Char	8	Other Diagnosis 14	ED	odiag14 in ED
67	ED_odiag15	Char	8	Other Diagnosis 15	ED	odiag15 in ED
68	ED_odiag16	Char	8	Other Diagnosis 16	ED	odiag16 in ED
69	ED_odiag17	Char	8	Other Diagnosis 17	ED	odiag17 in ED
70	ED_odiag18	Char	8	Other Diagnosis 18	ED	odiag18 in ED
71	ED_odiag19	Char	8	Other Diagnosis 19	ED	odiag19 in ED
72	ED_odiag20	Char	8	Other Diagnosis 20	ED	odiag20 in ED
73	ED_odiag21	Char	8	Other Diagnosis 21	ED	odiag21 in ED
74	ED_odiag22	Char	8	Other Diagnosis 22	ED	odiag22 in ED
75	ED_odiag23	Char	8	Other Diagnosis 23	ED	odiag23 in ED
76	ED_odiag24	Char	8	Other Diagnosis 24	ED	odiag24 in ED
77	ED_ccs_diagp	Char	4	CCS Code - Principal Diagnosis	ED	ccs_diagp in ED
78	ED_ccs_odiag1	Char	4	CCS Code - Other Diagnosis 1	ED	ccs_odiag1 in ED
79	ED_ccs_odiag2	Char	4	CCS Code - Other Diagnosis 2	ED	ccs_odiag2 in ED
80	ED_ccs_odiag3	Char	4	CCS Code - Other Diagnosis 3	ED	ccs_odiag3 in ED
81	ED_ccs_odiag4	Char	4	CCS Code - Other Diagnosis 4	ED	ccs_odiag4 in ED
82	ED_ccs_odiag5	Char	4	CCS Code - Other Diagnosis 5	ED	ccs_odiag5 in ED
83	ED_ccs_odiag6	Char	4	CCS Code - Other Diagnosis 6	ED	ccs_odiag6 in ED
84	ED_ccs_odiag7	Char	4	CCS Code - Other Diagnosis 7	ED	ccs_odiag7 in ED
85	ED_ccs_odiag8	Char	4	CCS Code - Other Diagnosis 8	ED	ccs_odiag8 in ED
86	ED_ccs_odiag9	Char	4	CCS Code - Other Diagnosis 9	ED	ccs_odiag9 in ED
87	ED_ccs_odiag10	Char	4	CCS Code - Other Diagnosis 10	ED	ccs_odiag10 in ED
88	ED_ccs_odiag11	Char	4	CCS Code - Other Diagnosis 11	ED	ccs_odiag11 in ED
89	ED_ccs_odiag12	Char	4	CCS Code - Other Diagnosis 12	ED	ccs_odiag12 in ED
90	ED_ccs_odiag13	Char	4	CCS Code - Other Diagnosis 13	ED	ccs_odiag13 in ED
91	ED_ccs_odiag14	Char	4	CCS Code - Other Diagnosis 14	ED	ccs_odiag14 in ED
92	ED_ccs_odiag15	Char	4	CCS Code - Other Diagnosis 15	ED	ccs_odiag15 in ED
93	ED_ccs_odiag16	Char	4	CCS Code - Other Diagnosis 16	ED	ccs_odiag16 in ED
94	ED_ccs_odiag17	Char	4	CCS Code - Other Diagnosis 17	ED	ccs_odiag17 in ED
95	ED_ccs_odiag18	Char	4	CCS Code - Other Diagnosis 18	ED	ccs_odiag18 in ED
96	ED_ccs_odiag19	Char	4	CCS Code - Other Diagnosis 19	ED	ccs_odiag19 in ED
97	ED_ccs_odiag20	Char	4	CCS Code - Other Diagnosis 20	ED	ccs_odiag20 in ED
98	ED_ccs_odiag21	Char	4	CCS Code - Other Diagnosis 21	ED	ccs_odiag21 in ED
99	ED_ccs_odiag22	Char	4	CCS Code - Other Diagnosis 22	ED	ccs_odiag22 in ED
100	ED_ccs_odiag23	Char	4	CCS Code - Other Diagnosis 23	ED	ccs_odiag23 in ED
101	ED_ccs_odiag24	Char	4	CCS Code - Other Diagnosis 24	ED	ccs_odiag24 in ED

#	Variable	Type	Length	Label	Source	Notes
102	ED_pr_prin	Char	5	Principal Procedure	ED	pr_prin in ED
103	ED_opr1	Char	5	Other Procedure 1	ED	opr1 in ED
104	ED_opr2	Char	5	Other Procedure 2	ED	opr2 in ED
105	ED_opr3	Char	5	Other Procedure 3	ED	opr3 in ED
106	ED_opr4	Char	5	Other Procedure 4	ED	opr4 in ED
107	ED_opr5	Char	5	Other Procedure 5	ED	opr5 in ED
108	ED_opr6	Char	5	Other Procedure 6	ED	opr6 in ED
109	ED_opr7	Char	5	Other Procedure 7	ED	opr7 in ED
110	ED_opr8	Char	5	Other Procedure 8	ED	opr8 in ED
111	ED_opr9	Char	5	Other Procedure 9	ED	opr9 in ED
112	ED_opr10	Char	5	Other Procedure 10	ED	opr10 in ED
113	ED_opr11	Char	5	Other Procedure 11	ED	opr11 in ED
114	ED_opr12	Char	5	Other Procedure 12	ED	opr12 in ED
115	ED_opr13	Char	5	Other Procedure 13	ED	opr13 in ED
116	ED_opr14	Char	5	Other Procedure 14	ED	opr14 in ED
117	ED_opr15	Char	5	Other Procedure 15	ED	opr15 in ED
118	ED_opr16	Char	5	Other Procedure 16	ED	opr16 in ED
119	ED_opr17	Char	5	Other Procedure 17	ED	opr17 in ED
120	ED_opr18	Char	5	Other Procedure 18	ED	opr18 in ED
121	ED_opr19	Char	5	Other Procedure 19	ED	opr19 in ED
122	ED_opr20	Char	5	Other Procedure 20	ED	opr20 in ED
123	ED_opr21	Char	5	Other Procedure 21	ED	opr21 in ED
124	ED_opr22	Char	5	Other Procedure 22	ED	opr22 in ED
125	ED_opr23	Char	5	Other Procedure 23	ED	opr23 in ED
126	ED_opr24	Char	5	Other Procedure 24	ED	opr24 in ED
127	ED_ecm1	Char	8	External Cause of Morbidity 1	ED	ecm1 in ED
128	ED_ecm2	Char	8	External Cause of Morbidity 2	ED	ecm2 in ED
129	ED_ecm3	Char	8	External Cause of Morbidity 3	ED	ecm3 in ED
130	ED_ecm4	Char	8	External Cause of Morbidity 4	ED	ecm4 in ED
131	ED_ecm5	Char	8	External Cause of Morbidity 5	ED	ecm5 in ED
132	ED_ecm6	Char	8	External Cause of Morbidity 6	ED	ecm6 in ED
133	ED_ecm7	Char	8	External Cause of Morbidity 7	ED	ecm7 in ED
134	ED_ecm8	Char	8	External Cause of Morbidity 8	ED	ecm8 in ED
135	ED_ecm9	Char	8	External Cause of Morbidity 9	ED	ecm9 in ED
136	ED_ecm10	Char	8	External Cause of Morbidity 10	ED	ecm10 in ED
137	ED_ecm11	Char	8	External Cause of Morbidity 11	ED	ecm11 in ED
138	ED_ecm12	Char	8	External Cause of Morbidity 12	ED	ecm12 in ED
139	VD_localno	Char	13	Local Registration Number (F2)	CCMDF	Field Sequence 2 in CCMDF
140	VD_birth_yyyy	Char	4	Year of Birth (F9)	CCMDF	Field Sequence 9 in CCMDF
141	VD_birth_mm	Char	2	Month of Birth (F10)	CCMDF	Field Sequence 10 in CCMDF

#	Variable	Type	Length	Label	Source	Notes
142	VD_birth_dd	Char	2	Day of Birth (F11)	CCMDF	Field Sequence 11 in CCMDF
143	VD_age_yrs	Char	3	Age in Years (F12)	CCMDF	Field Sequence 12 in CCMDF
144	VD_age_months	Char	2	Age in Months (F13)	CCMDF	Field Sequence 13 in CCMDF
145	VD_age_days	Char	2	Age in Days (F14)	CCMDF	Field Sequence 14 in CCMDF
146	VD_age_hours	Char	2	Age in Hours (F15)	CCMDF	Field Sequence 15 in CCMDF
147	VD_age_minutes	Char	2	Age in Minutes (F16)	CCMDF	Field Sequence 16 in CCMDF
148	VD_death_hour	Char	4	Hour of Death 24-Hour Clock (F21)	CCMDF	Field Sequence 21 in CCMDF
149	VD_found	Char	1	FND (F22)	CCMDF	Field Sequence 22 in CCMDF
150	VD_time_est	Char	1	EST (F23)	CCMDF	Field Sequence 23 in CCMDF
151	VD_death_yyyy	Char	4	Year of Death (F24)	CCMDF	Field Sequence 24 in CCMDF
152	VD_death_mm	Char	2	Month of Death (F25)	CCMDF	Field Sequence 25 in CCMDF
153	VD_death_dd	Char	2	Day of Death (F26)	CCMDF	Field Sequence 26 in CCMDF
154	VD_birth_st_cntry_txt	Char	50	Birth State/Foreign Country Text (F27)	CCMDF	Field Sequence 27 in CCMDF
155	VD_birth_st_cntry_code	Char	3	Birth State/Foreign Country Code (F28)	CCMDF	Field Sequence 28 in CCMDF
156	VD_birth_cntry_fips	Char	2	Birth Country (F29)	CCMDF	Field Sequence 29 in CCMDF
157	VD_birth_st_fips	Char	2	Birth State/Province (F30)	CCMDF	Field Sequence 30 in CCMDF
158	VD_military	Char	1	Ever in US Armed Forces? (F32)	CCMDF	Field Sequence 32 in CCMDF
159	VD_marital	Char	1	Marital Status (F33)	CCMDF	Field Sequence 33 in CCMDF
160	VD_grade_cert	Char	50	Education-Highest level/Degree (F34)	CCMDF	Field Sequence 34 in CCMDF
161	VD_grade_nchs	Char	1	Education-Highest level/Degree NCHS Code (F35)	CCMDF	Field Sequence 35 in CCMDF
162	VD_hispanic	Char	1	Hispanic Origin (F36)	CCMDF	Field Sequence 36 in CCMDF
163	VD_hisp_code	Char	1	Hispanic Ancestry/Origin Code (F37)	CCMDF	Field Sequence 37 in CCMDF
164	VD_hisp_txt	Char	50	Specific Hispanic TEXT (F38)	CCMDF	Field Sequence 38 in CCMDF
165	VD_race1_text	Char	50	Race #1 Text (F42)	CCMDF	Field Sequence 42 in CCMDF
166	VD_race2_text	Char	50	Race #2 Text (F43)	CCMDF	Field Sequence 43 in CCMDF
167	VD_race3_text	Char	50	Race #3 Text (F44)	CCMDF	Field Sequence 44 in CCMDF
168	VD_race1_f	Char	2	Race #1 Code Final (F45)	CCMDF	Field Sequence 45 in CCMDF
169	VD_race2_f	Char	2	Race #2 Code Final (F46)	CCMDF	Field Sequence 46 in CCMDF
170	VD_race3_f	Char	2	Race #3 Code Final (F47)	CCMDF	Field Sequence 47 in CCMDF
171	VD_multi_race	Char	1	Multi-Race Status (F51)	CCMDF	Field Sequence 51 in CCMDF
172	VD_occupation	Char	50	Occupation (F52)	CCMDF	Field Sequence 52 in CCMDF
173	VD_industry	Char	50	Business or Industry (F53)	CCMDF	Field Sequence 53 in CCMDF
174	VD_yearoccup	Char	3	Years in Occupation (F54)	CCMDF	Field Sequence 54 in CCMDF
175	VD_county_cdph	Char	3	Decedent's County/Province of Residence CDPH Code (F59)	CCMDF	Field Sequence 59 in CCMDF
176	VD_county_text_cert	Char	50	Decedent's County/Province of Residence Text (F60)	CCMDF	Field Sequence 60 in CCMDF

#	Variable	Type	Length	Label	Source	Notes
177	VD_fips_cnty_p	Char	3	Decedent's County of Residence NCHS Code (F61)	CCMDF	Field Sequence 61 in CCMDF
178	VD_fips_cnty_f	Char	3	Final Decedent's County of Residence Based on City/State NCHS Code (F62)	CCMDF	Field Sequence 62 in CCMDF
179	VD_county_text_derived	Char	50	Decedent's County of Residence Based on City/State Text (F63)	CCMDF	Field Sequence 63 in CCMDF
180	VD_county_cdph_derived	Char	3	Decedent's County of Residence Based on City/State NCHS Code (F64)	CCMDF	Field Sequence 64 in CCMDF
181	VD_county_text_fips_derived	Char	3	Decedent's County of Residence Based on City/State NCHS Code (F65)	CCMDF	Field Sequence 65 in CCMDF
182	VD_zipcode4	Char	4	Decedent's Zip Code of Residence 4 (F67)	CCMDF	Field Sequence 67 in CCMDF
183	VD_state_cntry_text	Char	50	State/Foreign Country of Residence Text (F68)	CCMDF	Field Sequence 68 in CCMDF
184	VD_state_cntry_code	Char	3	State/Foreign Country of Residence Code (F69)	CCMDF	Field Sequence 69 in CCMDF
185	VD_fips_cntry	Char	2	Decedent Residence Country Code (F70)	CCMDF	Field Sequence 70 in CCMDF
186	VD_fips_state	Char	2	Residence State/Province (F71)	CCMDF	Field Sequence 71 in CCMDF
187	VD_years_cnty	Char	3	Years in County (F72)	CCMDF	Field Sequence 72 in CCMDF
188	VD_paternal_brth_state_text	Char	50	Father's State of Birth Text (F93)	CCMDF	Field Sequence 93 in CCMDF
189	VD_paternal_birth_state_code	Char	3	Father's State of Birth Code (F94)	CCMDF	Field Sequence 94 in CCMDF
190	VD_paternal_birth_country_fips	Char	3	Father's Country of Birth Code (F95)	CCMDF	Field Sequence 95 in CCMDF
191	VD_paternal_birth_state_fips	Char	2	Father's State of Birth Code (F96)	CCMDF	Field Sequence 96 in CCMDF
192	VD_maternal_brth_state_text	Char	50	Mother's State of Birth Text (F100)	CCMDF	Field Sequence 100 in CCMDF
193	VD_maternal_birth_state_code	Char	3	Mother's State of Birth Code (F101)	CCMDF	Field Sequence 101 in CCMDF
194	VD_maternal_birth_country_fips	Char	3	Mother's Country of Birth Code (F102)	CCMDF	Field Sequence 102 in CCMDF
195	VD_maternal_birth_state_fips	Char	2	Mother's State of Birth Code (F103)	CCMDF	Field Sequence 103 in CCMDF
196	VD_disp_date	Char	10	Disposition Date (F104)	CCMDF	Field Sequence 104 in CCMDF
197	VD_disp_place	Char	100	Place of Final Disposition Description (F105)	CCMDF	Field Sequence 105 in CCMDF
198	VD_disp_place_country	Char	2	Disposition Country Code (F111)	CCMDF	Field Sequence 111 in CCMDF
199	VD_place_disp_zip5	Char	5	Place of Final Disposition Zip Code 5 (F112)	CCMDF	Field Sequence 112 in CCMDF
200	VD_place_disp_zip4	Char	4	Place of Final Disposition Zip Code 4 (F113)	CCMDF	Field Sequence 113 in CCMDF
201	VD_disp_type_text	Char	50	Type of Disposition Text (F114)	CCMDF	Field Sequence 114 in CCMDF
202	VD_disp_type_code	Char	2	Type of Disposition Code (F115)	CCMDF	Field Sequence 115 in CCMDF
203	VD_death_inhosp	Char	1	Death in Hospital Code (F123)	CCMDF	Field Sequence 123 in CCMDF

#	Variable	Type	Length	Label	Source	Notes
204	VD_death_outhosp	Char	1	Death Out of Hospital Code (F124)	CCMDF	Field Sequence 124 in CCMDF
205	VD_place_death	Char	1	Place of Death Facility (F125)	CCMDF	Field Sequence 125 in CCMDF
206	VD_death_cnty_txt	Char	50	County of Death Text (F126)	CCMDF	Field Sequence 126 in CCMDF
207	VD_death_cnty_code	Char	2	County of Death Code (F127)	CCMDF	Field Sequence 127 in CCMDF
208	VD_death_cnty_fips	Char	3	Death County Code (F128)	CCMDF	Field Sequence 128 in CCMDF
209	VD_local_dist	Char	2	Local Registration District (F129)	CCMDF	Field Sequence 129 in CCMDF
210	VD_death_state	Char	2	Death State (F130)	CCMDF	Field Sequence 130 in CCMDF
211	VD_death_country	Char	2	Death Country (F131)	CCMDF	Field Sequence 131 in CCMDF
212	VD_immediate_cause	Char	212	Immediate Cause of Death (F135)	CCMDF	Field Sequence 135 in CCMDF
213	VD_time_to_death	Char	50	Approx. Interval Between Onset & Death (F136)	CCMDF	Field Sequence 136 in CCMDF
214	VD_a_to_b	Char	212	A is Due to or a Consequence of B (F137)	CCMDF	Field Sequence 137 in CCMDF
215	VD_time_to_death_b	Char	50	Approx. Interval Between Onset & Death (F138)	CCMDF	Field Sequence 138 in CCMDF
216	VD_b_to_c	Char	212	B is Due to or a Consequence of C (F139)	CCMDF	Field Sequence 139 in CCMDF
217	VD_time_to_death_c	Char	50	Approx. Interval Between Onset & Death (F140)	CCMDF	Field Sequence 140 in CCMDF
218	VD_c_to_d	Char	212	C is Due to or as a Consequence of D (F141)	CCMDF	Field Sequence 141 in CCMDF
219	VD_time_to_death_d	Char	50	Approx. Interval Between Onset & Death (F142)	CCMDF	Field Sequence 142 in CCMDF
220	VD_prelim_cause	Char	5	Preliminary Cause of Death ICD-10 Code (F143)	CCMDF	Field Sequence 143 in CCMDF
221	VD_final_cause	Char	5	Final Cause of Death ICD-10 Code (F144)	CCMDF	Field Sequence 144 in CCMDF
222	VD_final_cause_date	Num	8	Final Cause of Death ICD-10 Code Date Received (F145)	CCMDF	Field Sequence 145 in CCMDF
223	VD_coroner	Char	1	Death Reported to Coroner (F146)	CCMDF	Field Sequence 146 in CCMDF
224	VD_biopsy	Char	1	Biopsy Performed (F148)	CCMDF	Field Sequence 148 in CCMDF
225	VD_autopsy	Char	1	Autopsy Performed (F149)	CCMDF	Field Sequence 149 in CCMDF
226	VD_autopsy_used	Char	1	Autopsy Used to Determine Cause (F150)	CCMDF	Field Sequence 150 in CCMDF
227	VD_oth_conditions	Char	240	Other Significant Conditions (F151)	CCMDF	Field Sequence 151 in CCMDF
228	VD_operation	Char	240	Operation Performed (F152)	CCMDF	Field Sequence 152 in CCMDF
229	VD_operation_code	Char	1	Operation Code (F153)	CCMDF	Field Sequence 153 in CCMDF
230	VD_pregnant	Char	1	Pregnancy Status (F154)	CCMDF	Field Sequence 154 in CCMDF
231	VD_pregnant_code	Char	1	Pregnancy Status Code (F155)	CCMDF	Field Sequence 155 in CCMDF

#	Variable	Type	Length	Label	Source	Notes
232	VD_last_dr_attend_date	Char	10	Last Date Physician Attended Decedent (F156)	CCMDF	Field Sequence 156 in CCMDF
233	VD_last_dr_saw_date	Char	10	Date Physician Last Saw Decedent Alive (F157)	CCMDF	Field Sequence 157 in CCMDF
234	VD_manner_death	Char	1	Manner of Death (F168)	CCMDF	Field Sequence 168 in CCMDF
235	VD_injured	Char	1	Injured at Work (F169)	CCMDF	Field Sequence 169 in CCMDF
236	VD_injury_date	Char	10	Injury Date (F170)	CCMDF	Field Sequence 170 in CCMDF
237	VD_injury_yyyy	Char	4	Injury Year (F171)	CCMDF	Field Sequence 171 in CCMDF
238	VD_injury_mm	Char	2	Injury Month (F172)	CCMDF	Field Sequence 172 in CCMDF
239	VD_injury_dd	Char	2	Injury Day (F173)	CCMDF	Field Sequence 173 in CCMDF
240	VD_injury_hour	Char	4	Injury Hour 24 Hour Clock (F174)	CCMDF	Field Sequence 174 in CCMDF
241	VD_place_injury	Char	50	Place of Injury (F175)	CCMDF	Field Sequence 175 in CCMDF
242	VD_place_injury_code	Char	1	Place of Injury EDRS Code (F176)	CCMDF	Field Sequence 176 in CCMDF
243	VD_environ_nchs	Char	1	Environmental Place of Injury (F177)	CCMDF	Field Sequence 177 in CCMDF
244	VD_injury_desc	Char	180	Describe How Injury Occurred (F178)	CCMDF	Field Sequence 178 in CCMDF
245	VD_injury_zip5	Char	5	Location of Place of Injury Zip Code 5 (F183)	CCMDF	Field Sequence 183 in CCMDF
246	VD_injury_zip4	Char	4	Location of Place of Injury Zip Code 4 (F184)	CCMDF	Field Sequence 184 in CCMDF
247	VD_certifier	Char	1	Type of Certifier (F188)	CCMDF	Field Sequence 188 in CCMDF
248	VD_month_cert_proc	Char	2	Month Death Certificate Processed (F190)	CCMDF	Field Sequence 190 in CCMDF
249	DysSdtDth	Num	8	Days from Service Date to Death	Created	Calculated days from date of service to death

Notes:

1. This linkage product linked all reported records of ED encounter or service visit to the death record of the decedent in CCMDF within the calendar year, not just the final record of encounter.
2. The variables adapted from CCMDF are a subset of the complete CCMDF variables. Please contact the Center for Health Statistics and Informatics (CHSI), California Department of Public Health for additional data elements if needed.
3. The CCMDF record number and data values in the linkage product may not be identical to the CCMDF obtained from CHSI due to different file cutting date. Some vital event registrations and amendments might not have been incorporated in the CCMDF version OSHPD received compared to a version that was cut in a later date.