

Codebook

DETECT 5-Year Data: MedStar (EMS) Participant Records, Record-Level, Deidentified

Dataset name:	medstar/01_medstar_records
Dataset size:	63.4 Mb
Column count:	99
Row count:	92,156
Updated date:	2025-04-28

Description:

From pre-processing of 'participant_import.csv' file from FileMaker Pro

Column Attributes:

1	Column name:	dup_drop		
	Column description:	Flag to drop observation (supplemental record for a single response)		
	Source information:	DETECT		
	Column type:	Categorical		
	Data type:	Logical		
	Unique non-missing value count:	2		
	Missing value count:	0		
Categories		Frequency	Cumulative Frequency	Percent
	FALSE	92,144	92,144	99.99
	TRUE	12	92,156	0.01

2	Column name:	id
	Column description:	Cross-set unique subject ID
	Source information:	DETECT
	Column type:	Categorical
	Data type:	Integer
	Unique non-missing value count:	41,952
	Missing value count:	0

Categories with Smallest Values	Frequency	Categories with Largest Values	Frequency
1	1	1044	79
9	1	40	80
16	1	2939	90
17	1	3962	94
18	1	14015	95

3	Column name:	id_ms
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Column description:	MedStar within-set unique subject ID
Source information:	DETECT
Column type:	Categorical
Data type:	Integer
Unique non-missing value count:	41,952
Missing value count:	0

Categories with Smallest Values	Frequency	Categories with Largest Values	Frequency
1	1	834	79
4	1	647	80
6	1	61	90
8	1	555	94
9	1	167	95

4	Column name:	ms_resp_num
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Column description:	EMS response number (sequential)
Source information:	DETECT
Column type:	Categorical
Data type:	Integer
Unique non-missing value count:	92,144
Missing value count:	0

Categories with Smallest Values	Frequency	Categories with Largest Values	Frequency
1	1	45908	2
2	1	47094	2
3	1	66401	2
4	1	78876	2
5	1	81409	2

5	Column name:	ms_record_num
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Column description:	EMS record number (sequential)
Source information:	DETECT
Column type:	Categorical
Data type:	Integer
Unique non-missing value count:	92,156
Missing value count:	0

Categories with Smallest Values	Frequency	Categories with Largest Values	Frequency
1	1	92152	1
2	1	92153	1
3	1	92154	1
4	1	92155	1
5	1	92156	1

6	Column name:	x_primary_key
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Column description:	Unique record ID created by the FileMaker Pro Database
Source information:	FileMaker Pro
Column type:	Character
Data type:	Character
Unique non-missing value count:	92,156
Missing value count:	0

7	Column name:	x_created_timestamp
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Column description:	Timestamp of when the record was made in FileMaker Pro
Source information:	FileMaker Pro
Column type:	Time
Data type:	Numeric
Unique non-missing value count:	3,448
Missing value count:	0

Statistic	Value	Frequency	Percentage
Minimum	1565626113	33	0.04
Mode	1683123707	129	0.14
Mode	1684144896	129	0.14
Maximum	1687166922	13	0.01

8	Column name:	x_created_by
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Column description:	Use who created the record in FileMaker Pro
Source information:	FileMaker Pro
Column type:	Character
Data type:	Character
Unique non-missing value count:	4
Missing value count:	0

Categories	Frequency	Cumulative Frequency	Percent
Sunil	1,036	1,036	1.12
UTHOUSTON\mmathe w9	20,202	21,238	21.92
uthouston\mcannell	68,965	90,203	74.84
uthouston\mmathew9	1,953	92,156	2.12

9	Column name:	x_modified_by
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Column description:	User that last modified the record in FileMaker Pro
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Source information: FileMaker Pro

Column type: Character

Data type: Character

Unique non-missing value count: 42

Missing value count: 0

Categories with Smallest Values	Frequency	Categories with Largest Values	Frequency
Jhorn	1	cmorris	1770
PDitto	1	Knorman	5832
awalker	1	UTHOUSTON\mmathe w9	12059
rmoren	1	Sunil	28245
tstein	1	uthouston\mcannell	37084

10	Column name:	x_modified_timestamp
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Column description: Timestamp of when the record was last modified in FileMaker Pro

Source information: FileMaker Pro

Column type: Time

Data type: Numeric

Unique non-missing value count: 13,735

Missing value count: 0

Statistic	Value	Frequency	Percentage
Minimum	1565862517	1	0.00
Mode	1658161188	500	0.54
Maximum	1687166925	53	0.06

11	Column name:	x_record_status
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Column description: Status of the Record

Source information: DETECT

Column type: Character

Data type: Character

Unique non-missing value count: 2

Missing value count: 79,202

Categories	Frequency	Cumulative Frequency	Percent
Complete	892	892	0.97
Incomplete	12,062	12,954	13.09
Missing	79,202	92,156	85.94

12	Column name:	x_record_year
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Column description: Related year of the record

Source information: FileMaker Pro

Column type: Time

Data type: Numeric

Unique non-missing value count: 5

Missing value count: 3

Statistic	Value	Frequency	Percentage
Minimum	2019	8,416	9.13
Mode	2021	26,177	28.41
Maximum	2023	12,477	13.54

13	Column name:	x_record_month
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Column description: Related month of the record

Source information: FileMaker Pro

Column type: Time

Data type: Character

Unique non-missing value count: 12

Missing value count: 3

Statistic	Value	Frequency	Percentage
Minimum	April	7,767	8.43

Mode	August	10,265	11.14
Maximum	September	8,293	9.00

14	Column name:	x_error_message
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Column description: Any database error messages associated with the record

Source information: FileMaker Pro

Column type: Character

Data type: Character

Unique non-missing value count: 55

Missing value count: 68,056

Categories with Smallest Values	Frequency	Categories with Largest Values	Frequency
Participant on do not call list: Has already been contacted for August 2019	1	Participant deceased at scene	802
Participant on do not call list: Has already been contacted for July 2020	1	Participant on do not call list: Bad contact number	2235
Participant on do not call list: Outside Medstar service area for August 2021	1	Participant on do not call list: Participant not eligible	3818
Participant on do not call list: Outside Medstar service area for June 2020	1	Missing or invalid phone number	15897
Participant on do not call list: Outside Medstar service area for April 2021	2	Missing	68056

15	Column name:	x_randomizer
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Column description: Internal system variable used to randomize records

Source information: FileMaker Pro

Data type: Numeric

Unique non-missing value count:		92,156		
Missing value count:		0		
Min	Mean	Median	Max	SD
0.00	0.50	0.50	1.00	0.29

16	Column name:	x_call_order
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Column description:		System variable used to track the order that participants should be called		
Source information:		FileMaker Pro		
Data type:		Numeric		
Unique non-missing value count:		3,640		
Missing value count:		3		
Min	Mean	Median	Max	SD
1.00	3305.67	1113.00	9999.00	4053.23

17	Column name:	xc_call_order_even_odd
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Column description:		Internal system variable		
Source information:		FileMaker Pro		
Data type:		Character		
Unique non-missing value count:		2		
Missing value count:		3		
Categories	Frequency	Cumulative Frequency	Percent	
Even	37,007	37,007	40.16	
Odd	55,146	92,153	59.84	
Missing	3	92,156	0.00	

18	Column name:	x_call_order_initial
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Column description:		Internal system variable		
Source information:		FileMaker Pro		
Data type:		Numeric		

Unique non-missing value count: 3,639

Missing value count: 3

Min	Mean	Median	Max	SD
1.00	2934.75	1035.00	9999.00	3863.17

19	Column name:	x_is_archived
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Column description: Indicates if the record was archived

Source information: DETECT

Column type: Categorical

Data type: Character

Unique non-missing value count: 2

Missing value count: 0

Categories	Frequency	Cumulative Frequency	Percent
No	76,372	76,372	82.87
Yes	15,784	92,156	17.13

20	Column name:	x_do_not_call_2cat
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Column description: Participant placement on internal "do not call" list

Source information: DETECT

Column type: Categorical

Data type: Numeric

Unique non-missing value count: 2

Missing value count: 5,009

Value labels: 1 = Yes

0 = No

Categories	Frequency	Cumulative Frequency	Percent
0	79,475	79,475	86.24
1	7,672	87,147	8.33
Missing	5,009	92,156	5.44

21	Column name:	x_exclusion_reason		
	Column description:	Reason participant was excluded from follow-up interviews		
	Source information:	DETECT		
	Column type:	Character		
	Data type:	Character		
	Unique non-missing value count:	52		
	Missing value count:	84,812		
	Categories with Smallest Values	Frequency	Categories with Largest Values	Frequency
	Has already been contacted for August 2019	1	Has already been contacted for December 2019	51
	Has already been contacted for July 2020	1	Do not call list	702
	Outside Medstar service area for August 2021	1	Bad contact number	2259
	Outside Medstar service area for June 2020	1	Participant not eligible	3857
	Outside Medstar service area for April 2021	2	Missing	84812

22	Column name:	incident_year		
	Column description:	Year the EMS response was created/assigned		
	Source information:	DETECT		
	Column type:	Time		
	Data type:	Numeric		
	Unique non-missing value count:	5		
	Missing value count:	0		
	Statistic	Value	Frequency	Percentage
	Minimum	2019	10,241	11.11

Mode	2022	25,281	27.43
Maximum	2023	11,098	12.04

23	Column name:	incident_study_month			
	Column description:	Study month of the EMS response			
	Source information:	DETECT			
	Column type:	Numeric			
	Data type:	Numeric			
	Unique non-missing value count:	47			
	Missing value count:	0			
	Min	Mean	Median	Max	SD
	1.00	25.15	26.00	47.00	13.45

24	Column name:	incident_study_week			
	Column description:	Study week of the EMS response			
	Source information:	DETECT			
	Column type:	Numeric			
	Data type:	Numeric			
	Unique non-missing value count:	205			
	Missing value count:	0			
	Min	Mean	Median	Max	SD
	1.00	107.85	110.00	205.00	58.49

25	Column name:	incident_weekday
	Column description:	Weekday of the EMS response
	Source information:	DETECT
	Column type:	Categorical
	Data type:	Character
	Unique non-missing value count:	7

Missing value count: 0

Categories	Frequency	Cumulative Frequency	Percent
friday	13,283	13,283	14.41
monday	14,155	27,438	15.36
saturday	12,521	39,959	13.59
sunday	12,590	52,549	13.66
thursday	13,049	65,598	14.16
tuesday	13,359	78,957	14.50
wednesday	13,199	92,156	14.32

26	Column name:	incident_to_arrival
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Column description: Time (seconds) from incident creation/assignment to EMS unit arrival on scene

Source information: DETECT

Column type: Time

Data type: Numeric

Unique non-missing value count: 2,003

Missing value count: 0

Statistic	Value	Frequency	Percentage
Minimum	-42840	1	0.00
Mode	420	6,144	6.67
Maximum	2461140	1	0.00

27	Column name:	complaint_reported
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Column description: Chief complaint (EMD code) associated with the EMS response

Source information: MedStar ePCR Records

Column type: Categorical

Data type: Character

Unique non-missing value count: 47

Missing value count: 1

Categories with Smallest Values	Frequency	Categories with Largest Values	Frequency
Assist Police with a Citizen	1	Unconscious/Fainting/ Near-Fainting	6701
Cardiac Arrest - Possible DOA	1	Chest Pain (Non-Traumatic)	7500
Medical Alarm	1	Breathing Problem	12671
Pregnancy/Childbirth/ Miscarriage	1	Falls	15878
Unresponsive	1	Sick Person	16002

28	Column name:	incident_result
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Column description:	Disposition of the incident
Source information:	MedStar ePCR Records
Column type:	Categorical
Data type:	Character
Unique non-missing value count:	32
Missing value count:	0

Categories with Smallest Values	Frequency	Categories with Largest Values	Frequency
Canceled on Scene	2	DOS - Resuscitation NOT Attempted	1026
Flight Crew WITH PATIENT - Transport	2	Refusal - Refused all Evaluation/Care	1065
MHP Call Complete	2	Transported - w/AMA	1112
Flight Crew ONLY or Organ Transport	3	AMA - Assessed &/or Treated & Released	9180
Canceled (Unstable for Transport)	4	Transported - by this Unit	76003

29	Column name:	symptom_list
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Column description:	Select all that apply list of symptoms selected by EMS
Source information:	MedStar ePCR Records
Column type:	Character

Data type:	Character
Unique non-missing value count:	4,956
Missing value count:	73,455

Categories with Smallest Values	Frequency	Categories with Largest Values	Frequency
"Abdominal distension (gaseous) (R14.0)", "Abdominal rigidity, unspecified site (R19.30)", "Abdominal tenderness (R10.81)"	1	"Shortness of breath (SOB) (R06.02)"	362
"Abdominal distension (gaseous) (R14.0)", "Abdominal tenderness (R10.81)"	1	Shortness of breath (SOB) (R06.02)	410
"Abdominal distension (gaseous) (R14.0)", "Abdominal tenderness (R10.81)", "Acute abdomen (R10.0)"	1	"Weakness (R53.1)"	450
"Abdominal distension (gaseous) (R14.0)", "Nausea (R11.0)"	1	Weakness (R53.1)	511
"Abdominal distension (gaseous) (R14.0)", "Other fatigue (R53.83)", "Other malaise (R53.81)", "Weakness (R53.1)"	1	Missing	73455

30	Column name:	age_90cat
	Column description:	If subject age anonymized into "90+"
	Source information:	DETECT
	Column type:	Categorical
	Data type:	Logical
	Unique non-missing value count:	2
	Missing value count:	346

Categories	Frequency	Cumulative Frequency	Percent
FALSE	79,663	79,663	86.44
TRUE	12,147	91,810	13.18
Missing	346	92,156	0.38

31	Column name:	dob_year
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Column description:	Participant's birth year
Source information:	MedStar ePCR Records
Column type:	Time
Data type:	Numeric
Unique non-missing value count:	29
Missing value count:	12,493
Skip pattern:	If age_90cat is TRUE, dob_year omitted

Statistic	Value	Frequency	Percentage
Minimum	1934	2,148	2.33
Mode	1954	4,867	5.28
Maximum	1969	1	0.00

32	Column name:	age
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Column description:	Participant's age (years), entered by EMS
Source information:	MedStar ePCR Records
Column type:	Numeric
Data type:	Numeric
Unique non-missing value count:	26
Missing value count:	346

Min	Mean	Median	Max	SD
65.00	76.28	75.00	90.00	7.94

33	Column name:	age_calc
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Column description:	Participant's age (years), calculated from date of birth and incident date
Source information:	DETECT
Column type:	Numeric
Data type:	Numeric
Unique non-missing value count:	32
Missing value count:	346

Min	Mean	Median	Max	SD
51.00	76.27	75.00	90.00	7.95

34	Column name:	sex_cat
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Column description:	Participant's recorded biological sex
Source information:	MedStar ePCR Records
Column type:	Categorical
Data type:	Character
Unique non-missing value count:	3
Missing value count:	79
Value labels:	male = Male female = Female uta = Unable to Assess

Categories	Frequency	Cumulative Frequency	Percent
female	54,661	54,661	59.31
male	37,321	91,982	40.50
uta	95	92,077	0.10
Missing	79	92,156	0.09

35	Column name:	hispanic
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Column description:	Hispanic Ethnicity (processed from original "select all that apply" race and ethnicity variable in ePCR records
Source information:	DETECT

Column type:	Categorical
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	442
Value labels:	TRUE = Hispanic or Latino FALSE = Not Hispanic or Latino
Skip pattern:	No values entered in the original "select all that apply" race/ethnicity variable of the ePCR record

Categories	Frequency	Cumulative Frequency	Percent
FALSE	81,029	81,029	87.93
TRUE	10,685	91,714	11.59
Missing	442	92,156	0.48

36	Column name:	race_cat
	Column description:	Participant's racial identity, single category, one word
	Source information:	DETECT
	Column type:	Categorical
	Data type:	Character
	Unique non-missing value count:	8
	Missing value count:	10,964
	Value labels:	white = White black = Black or African American asian = Asian aian = American Indian or Alaska Native nhpi = Native Hawaiian or Other Pacific Islander mena = Middle Eastern or North African other = Other Race multiracial = More than One Race
	Skip pattern:	No values entered in the original "select all that apply" race/ethnicity variable of the ePCR record

Categories	Frequency	Cumulative Frequency	Percent
aian	47	47	0.05
asian	1,087	1,134	1.18
black	24,459	25,593	26.54
mena	10	25,603	0.01
multiracial	138	25,741	0.15
nhpi	69	25,810	0.07
other	1,309	27,119	1.42
white	54,073	81,192	58.68
Missing	10,964	92,156	11.90

37	Column name:	race_cat_txt
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Column description:	Participant's racial identity, single category, full text
Source information:	DETECT
Column type:	Categorical
Data type:	Character
Unique non-missing value count:	8
Missing value count:	10,964
Skip pattern:	No values entered in the original "select all that apply" race/ethnicity variable of the ePCR record

Categories	Frequency	Cumulative Frequency	Percent
american indian or alaska native	47	47	0.05
asian	1,087	1,134	1.18
black or african american	24,459	25,593	26.54
middle eastern or north african	10	25,603	0.01
multiracial	138	25,741	0.15
native hawaiian or other pacific islander	69	25,810	0.07
other race	1,309	27,119	1.42

white	54,073	81,192	58.68
Missing	10,964	92,156	11.90

38	Column name:	race_cat_w		
	Column description:	Participant racial identity included: White		
	Source information:	DETECT		
	Column type:	Categorical		
	Data type:	Logical		
	Unique non-missing value count:	2		
	Missing value count:	10,964		
	Skip pattern:	No values entered in the original "select all that apply" race/ethnicity variable of the ePCR record		
	Categories	Frequency	Cumulative Frequency	Percent
	FALSE	27,013	27,013	29.31
	TRUE	54,179	81,192	58.79
	Missing	10,964	92,156	11.90

39	Column name:	race_cat_aa		
	Column description:	Participant racial identity included: Black or African American		
	Source information:	DETECT		
	Column type:	Categorical		
	Data type:	Logical		
	Unique non-missing value count:	2		
	Missing value count:	10,964		
	Skip pattern:	No values entered in the original "select all that apply" race/ethnicity variable of the ePCR record		
	Categories	Frequency	Cumulative Frequency	Percent
	FALSE	56,668	56,668	61.49
	TRUE	24,524	81,192	26.61
	Missing	10,964	92,156	11.90

40	Column name:	race_cat_asian		
	Column description:	Participant racial identity included: Asian		
	Source information:	DETECT		
	Column type:	Categorical		
	Data type:	Logical		
	Unique non-missing value count:	2		
	Missing value count:	10,964		
	Skip pattern:	No values entered in the original "select all that apply" race/ethnicity variable of the ePCR record		
	Categories	Frequency	Cumulative Frequency	Percent
	FALSE	80,085	80,085	86.90
	TRUE	1,107	81,192	1.20
	Missing	10,964	92,156	11.90
41	Column name:	race_cat_aian		
	Column description:	Participant racial identity included: American Indian or Alaska Native		
	Source information:	DETECT		
	Column type:	Categorical		
	Data type:	Logical		
	Unique non-missing value count:	2		
	Missing value count:	10,964		
	Skip pattern:	No values entered in the original "select all that apply" race/ethnicity variable of the ePCR record		
	Categories	Frequency	Cumulative Frequency	Percent
	FALSE	81,133	81,133	88.04
	TRUE	59	81,192	0.06
	Missing	10,964	92,156	11.90
42	Column name:	race_cat_nhpi		

Column description:	Participant racial identity included: Native Hawaiian or Other Pacific Islander
Source information:	DETECT
Column type:	Categorical
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	10,964
Skip pattern:	No values entered in the original "select all that apply" race/ethnicity variable of the ePCR record

Categories	Frequency	Cumulative Frequency	Percent
FALSE	81,117	81,117	88.02
TRUE	75	81,192	0.08
Missing	10,964	92,156	11.90

43	Column name:	race_cat_mena
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Column description:	Participant racial identity included: Middle Eastern or African American
Source information:	DETECT
Column type:	Categorical
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	10,964
Skip pattern:	No values entered in the original "select all that apply" race/ethnicity variable of the ePCR record

Categories	Frequency	Cumulative Frequency	Percent
FALSE	81,182	81,182	88.09
TRUE	10	81,192	0.01
Missing	10,964	92,156	11.90

44	Column name:	race_cat_other
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Column description:	Participant racial identity included: Other Race
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Source information: DETECT

Column type: Categorical

Data type: Logical

Unique non-missing value count: 2

Missing value count: 10,964

Skip pattern: No values entered in the original "select all that apply" race/ethnicity variable of the ePCR record

Categories	Frequency	Cumulative Frequency	Percent
FALSE	79,813	79,813	86.61
TRUE	1,379	81,192	1.50
Missing	10,964	92,156	11.90

45	Column name:	state
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Column description: Participant's state of residence, 2 character abbreviation

Source information: DETECT

Column type: Categorical

Data type: Character

Unique non-missing value count: 39

Missing value count: 195

Categories with Smallest Values	Frequency	Categories with Largest Values	Frequency
ALBERTA	1	FL	14
CT	1	OK	15
IN	1	CA	33
KS	1	Missing	195
MD	1	TX	91755

46	Column name:	zip3_hipaa
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Column description: 3 digit HIPAA compliant ZIP Code

Source information: DETECT

Column type: Character

Data type: Character

Unique non-missing value count: 188

Missing value count: 373

Categories with Smallest Values	Frequency	Categories with Largest Values	Frequency
064	1	750	38
071	1	Missing	373
076	1	762	3495
100	1	760	6973
114	1	761	80851

47	Column name:	phone_cat
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Column description: Presence of recorded phone number

Source information: DETECT

Column type: Categorical

Data type: Character

Unique non-missing value count: 4

Missing value count: 0

Categories	Frequency	Cumulative Frequency	Percent
incomplete	4	4	0.00
missing	9,804	9,808	10.64
not likely to be valid	4,611	14,419	5.00
present	77,737	92,156	84.35

48	Column name:	dt_env_odor
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Column description: DETECT Item: Unusual odor (e.g., urine, feces)

Source information: MedStar ePCR Records

Column type: Categorical

Data type: Character

Unique non-missing value count: 3

Missing value count: 59

Value labels:

yes = Yes

no = No

uta = Unable to Assess

Categories	Frequency	Cumulative Frequency	Percent
no	85,995	85,995	93.31
uta	4,443	90,438	4.82
yes	1,659	92,097	1.80
Missing	59	92,156	0.06

49	Column name:	dt_env_hoard		
	Column description:	DETECT Item: Inside of the home is in extreme disarray or there is hoarding		
	Source information:	MedStar ePCR Records		
	Column type:	Categorical		
	Data type:	Character		
	Unique non-missing value count:	3		
	Missing value count:	60		
	Value labels:	yes = Yes		
		no = No		
		uta = Unable to Assess		
	Categories	Frequency	Cumulative Frequency	Percent
	no	81,383	81,383	88.31
	uta	9,040	90,423	9.81
	yes	1,673	92,096	1.82
	Missing	60	92,156	0.07

50	Column name:	dt_env_concern
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Column description:	DETECT Item: Living environment poses a health or safety concern (e.g., fire hazard, insect or rodent infestation, or urine or feces present)
Source information:	MedStar ePCR Records
Column type:	Categorical
Data type:	Character
Unique non-missing value count:	3
Missing value count:	59
Value labels:	yes = Yes no = No uta = Unable to Assess

Categories	Frequency	Cumulative Frequency	Percent
no	80,947	80,947	87.84
uta	9,537	90,484	10.35
yes	1,613	92,097	1.75
Missing	59	92,156	0.06

51	Column name:	dt_cg_lack
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Column description:	DETECT Item: Is the patient or older adult isolated in the home?
Source information:	MedStar ePCR Records
Column type:	Categorical
Data type:	Character
Unique non-missing value count:	2
Missing value count:	29,940
Value labels:	yes = Yes no = No uta = Unable to Assess

Categories	Frequency	Cumulative Frequency	Percent
no	61,678	61,678	66.93
yes	538	62,216	0.58

Missing	29,940	92,156	32.49
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52	Column name:	dt_cg_uneng
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Column description:	DETECT Item: Does the patient or older adult have poor personal hygiene (including soiled in urine or feces)?
Source information:	MedStar ePCR Records
Column type:	Categorical
Data type:	Character
Unique non-missing value count:	2
Missing value count:	28,954
Value labels:	yes = Yes no = No uta = Unable to Assess

Categories	Frequency	Cumulative Frequency	Percent
no	62,869	62,869	68.22
yes	333	63,202	0.36
Missing	28,954	92,156	31.42

53	Column name:	dt_cg_frust
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Column description:	DETECT Item: Is the patient or older adult inadequately clothed or wearing dirty, torn, or soiled clothing?
Source information:	MedStar ePCR Records
Column type:	Categorical
Data type:	Character
Unique non-missing value count:	2
Missing value count:	28,966
Value labels:	yes = Yes no = No uta = Unable to Assess

Categories	Frequency	Cumulative Frequency	Percent
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no	62,793	62,793	68.14
yes	397	63,190	0.43
Missing	28,966	92,156	31.43

54	Column name:	dt_cg_anx
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Column description:	DETECT Item: Does the patient or older adult have unmet needs for assistance with eating, toileting, transferring, dressing, or bathing?
Source information:	MedStar ePCR Records
Column type:	Categorical
Data type:	Character
Unique non-missing value count:	2
Missing value count:	28,931
Value labels:	yes = Yes no = No uta = Unable to Assess

Categories	Frequency	Cumulative Frequency	Percent
no	62,919	62,919	68.27
yes	306	63,225	0.33
Missing	28,931	92,156	31.39

55	Column name:	dt_pt_isolated
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Column description:	DETECT Item: Does the patient or older adult appear depressed, anxious, or emotionally distressed for reasons other than their immediate medical condition?
Source information:	MedStar ePCR Records
Column type:	Categorical
Data type:	Character
Unique non-missing value count:	2
Missing value count:	59
Value labels:	yes = Yes

no = No

uta = Unable to Assess

Categories	Frequency	Cumulative Frequency	Percent
no	91,320	91,320	99.09
yes	777	92,097	0.84
Missing	59	92,156	0.06

56	Column name:	dt_pt_depress
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Column description: DETECT Item: Does the patient or older adult appear to be hoarding or saving old medications?

Source information: MedStar ePCR Records

Column type: Categorical

Data type: Character

Unique non-missing value count: 2

Missing value count: 59

Value labels: yes = Yes

no = No

uta = Unable to Assess

Categories	Frequency	Cumulative Frequency	Percent
no	91,423	91,423	99.20
yes	674	92,097	0.73
Missing	59	92,156	0.06

57	Column name:	dt_pt_hygiene
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Column description: DETECT Item: Does the patient or older adult have difficulties taking their prescribed medications as directed?

Source information: MedStar ePCR Records

Column type: Categorical

Data type: Character

Unique non-missing value count: 2

Missing value count: 59

Value labels:

yes = Yes

no = No

uta = Unable to Assess

Categories	Frequency	Cumulative Frequency	Percent
no	90,577	90,577	98.29
yes	1,520	92,097	1.65
Missing	59	92,156	0.06

58	Column name:	dt_pt_clothes
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Column description: DETECT Item: If caregiver is present, they appear to lack knowledge of the patient or older adult's medical needs

Source information: MedStar ePCR Records

Column type: Categorical

Data type: Character

Unique non-missing value count: 2

Missing value count: 60

Value labels:

yes = Yes

no = No

uta = Unable to Assess

Categories	Frequency	Cumulative Frequency	Percent
no	90,829	90,829	98.56
yes	1,267	92,096	1.37
Missing	60	92,156	0.07

59	Column name:	dt_pt_med_diff
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Column description: DETECT Item: If caregiver is present, they appear unengaged and inattentive in caring for the patient or older adult

Source information: MedStar ePCR Records

Column type: Categorical

Data type: Character

Unique non-missing value count: 2

Missing value count: 59

Value labels: yes = Yes
no = No
uta = Unable to Assess

Categories	Frequency	Cumulative Frequency	Percent
no	91,085	91,085	98.84
yes	1,012	92,097	1.10
Missing	59	92,156	0.06

60	Column name:	dt_pt_med_hoard
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Column description: DETECT Item: If caregiver is present, they appear frustrated, tired, angry, or burdened by the patient or older adult

Source information: MedStar ePCR Records

Column type: Categorical

Data type: Character

Unique non-missing value count: 3

Missing value count: 59

Value labels: yes = Yes
no = No
uta = Unable to Assess

Categories	Frequency	Cumulative Frequency	Percent
no	72,733	72,733	78.92
uta	18,974	91,707	20.59
yes	390	92,097	0.42
Missing	59	92,156	0.06

61	Column name:	dt_pt_needs		
	Column description:	DETECT Item: If caregiver is present, they appear overly concerned (e.g., anxious, hovering)		
	Source information:	MedStar ePCR Records		
	Column type:	Categorical		
	Data type:	Character		
	Unique non-missing value count:	2		
	Missing value count:	59		
	Value labels:	yes = Yes no = No uta = Unable to Assess		
	Categories	Frequency	Cumulative Frequency	Percent
	no	90,853	90,853	98.59
	yes	1,244	92,097	1.35
	Missing	59	92,156	0.06

62	Column name:	dt_aps_reported		
	Column description:	DETECT Item: Did you report elder abuse/neglect to APS, or do you plan to, based on what you just observed?		
	Source information:	MedStar ePCR Records		
	Column type:	Categorical		
	Data type:	Logical		
	Unique non-missing value count:	2		
	Missing value count:	59		
	Categories	Frequency	Cumulative Frequency	Percent
	FALSE	90,798	90,798	98.53
	TRUE	1,299	92,097	1.41
	Missing	59	92,156	0.06

63	Column name:	dt_aps_report_num		
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Column description:	DETECT Item: Record APS Report Number
Source information:	MedStar ePCR Records
Column type:	Character
Data type:	Character
Unique non-missing value count:	171
Missing value count:	90,966

Categories with Smallest Values	Frequency	Categories with Largest Values	Frequency
#	1	APS on scene	5
7 on file	1	DOS	5
APS ALREADY ON SCENE. THEY CONTACTED EMS. SEVERAL OPEN CASES TO DATE.	1	See narrative	5
APS Home in the first place	1	[redacted]	1003
APS ON SCENE	1	Missing	90966

64	Column name:	dt_nas
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Column description:	Number of missing responses to DETECT Items in a single record
Source information:	DETECT
Column type:	Numeric
Data type:	Numeric
Unique non-missing value count:	8
Missing value count:	0

Min	Mean	Median	Max	SD
0.00	2.26	1.00	16.00	1.88

65	Column name:	dt_num_pos
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Column description:	Number of "yes" responses to DETECT Items in a single record
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Source information:	DETECT
Column type:	Numeric
Data type:	Numeric
Unique non-missing value count:	15
Missing value count:	0

Min	Mean	Median	Max	SD
0.00	0.15	0.00	14.00	0.92

66	Column name:	dt_screened
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Column description:	Was a DETECT Screening performed? (At least one DETECT Item completed)
Source information:	DETECT
Column type:	Categorical
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	0

Categories	Frequency	Cumulative Frequency	Percent
FALSE	59	59	0.06
TRUE	92,097	92,156	99.94

67	Column name:	dt_positive
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Column description:	Was the DETECT Screening positive? (At least one "yes" response to a DETECT Item)		
Source information:	DETECT		
Column type:	Categorical		
Data type:	Logical		
Unique non-missing value count:	2		
Missing value count:	59		
Skip pattern:	No DETECT Screening performed		
<hr/>			
Categories	Frequency	Cumulative Frequency	Percent

FALSE	88,414	88,414	95.94
TRUE	3,683	92,097	4.00
Missing	59	92,156	0.06

68	Column name:	dt_no_entry
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Column description:	Was there a note of "Did not Enter the patient's home" associated with any DETECT Item?
Source information:	DETECT
Column type:	Categorical
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	59

Categories	Frequency	Cumulative Frequency	Percent
FALSE	83,057	83,057	90.13
TRUE	9,040	92,097	9.81
Missing	59	92,156	0.06

69	Column name:	dt_comment_report_num
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Column description:	Content of "APS Report Number" Field: an APS Report Number present?
Source information:	DETECT
Column type:	Categorical
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	90,966

Categories	Frequency	Cumulative Frequency	Percent
FALSE	188	188	0.20
TRUE	1,002	1,190	1.09
Missing	90,966	92,156	98.71

70	Column name:	dt_comment_aps_staffer
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Column description:	Content of "APS Report Number" Field: the name of an APS staffer present?
Source information:	DETECT
Column type:	Categorical
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	90,966

Categories	Frequency	Cumulative Frequency	Percent
FALSE	1,132	1,132	1.23
TRUE	58	1,190	0.06
Missing	90,966	92,156	98.71

71	Column name:	dt_comment_aps_onscene
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Column description:	Content of "APS Report Number" Field: mention that APS was on scene?
Source information:	DETECT
Column type:	Categorical
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	90,966

Categories	Frequency	Cumulative Frequency	Percent
FALSE	1,139	1,139	1.24
TRUE	51	1,190	0.06
Missing	90,966	92,156	98.71

72	Column name:	dt_comment_aps_called_ems
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Column description:	Content of "APS Report Number" Field: mention that APS called EMS?
Source information:	DETECT
Column type:	Categorical
Data type:	Logical

Unique non-missing value count: 2

Missing value count: 90,966

Categories	Frequency	Cumulative Frequency	Percent
FALSE	1,177	1,177	1.28
TRUE	13	1,190	0.01
Missing	90,966	92,156	98.71

73	Column name:	dt_comment_aps_other_reporter
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Column description: Content of "APS Report Number" Field: mention that someone else had already, or was going to, make an APS report?

Source information: DETECT

Column type: Categorical

Data type: Logical

Unique non-missing value count: 2

Missing value count: 90,966

Categories	Frequency	Cumulative Frequency	Percent
FALSE	1,173	1,173	1.27
TRUE	17	1,190	0.02
Missing	90,966	92,156	98.71

74	Column name:	dt_comment_aps_prev_ems_report
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Column description: Content of "APS Report Number" Field: a mention that EMS had already reported the situation to APS at previous encounters?

Source information: DETECT

Column type: Categorical

Data type: Logical

Unique non-missing value count: 2

Missing value count: 90,966

Categories	Frequency	Cumulative Frequency	Percent
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FALSE	1,185	1,185	1.29
TRUE	5	1,190	0.01
Missing	90,966	92,156	98.71

75	Column name:	dt_comment_aps_aware
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Column description:	Content of "APS Report Number" Field: a mention that EMS believed APS already knew of the situation?
Source information:	DETECT
Column type:	Categorical
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	90,966

Categories	Frequency	Cumulative Frequency	Percent
FALSE	1,085	1,085	1.18
TRUE	105	1,190	0.11
Missing	90,966	92,156	98.71

76	Column name:	dt_comment_pt_deceased
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Column description:	Content of "APS Report Number" Field: a mention that the patient was deceased?
Source information:	DETECT
Column type:	Categorical
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	90,966

Categories	Frequency	Cumulative Frequency	Percent
FALSE	1,172	1,172	1.27
TRUE	18	1,190	0.02
Missing	90,966	92,156	98.71

77	Column name:	dt_comment_undecided
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Column description:	Content of "APS Report Number" Field: a mention that EMS had not decided for or against reporting at the time of ePCR record submission?
Source information:	DETECT
Column type:	Categorical
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	90,966

Categories	Frequency	Cumulative Frequency	Percent
FALSE	1,186	1,186	1.29
TRUE	4	1,190	0.00
Missing	90,966	92,156	98.71

78	Column name:	dt_comment_aps_unable
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Column description:	Content of "APS Report Number" Field: a mention that EMS was unable to contact APS?
Source information:	DETECT
Column type:	Categorical
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	90,966

Categories	Frequency	Cumulative Frequency	Percent
FALSE	1,183	1,183	1.28
TRUE	7	1,190	0.01
Missing	90,966	92,156	98.71

79	Column name:	dt_comment_narrative
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Column description:	Content of "APS Report Number" Field: a comment to "see the narrative" of the ePCR record for additional information?
Source information:	DETECT
Column type:	Categorical

Data type: Logical

Unique non-missing value count: 2

Missing value count: 90,966

Categories	Frequency	Cumulative Frequency	Percent
FALSE	1,180	1,180	1.28
TRUE	10	1,190	0.01
Missing	90,966	92,156	98.71

80	Column name:	dt_comment_did_not_enter
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Column description: Content of "APS Report Number" Field: a mention that EMS did not enter the patient's home?

Source information: DETECT

Column type: Categorical

Data type: Logical

Unique non-missing value count: 2

Missing value count: 90,966

Categories	Frequency	Cumulative Frequency	Percent
FALSE	1,179	1,179	1.28
TRUE	11	1,190	0.01
Missing	90,966	92,156	98.71

81	Column name:	dt_comment_uta
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Column description: Content of "APS Report Number" Field: a comment stating that EMS was unable to complete a DETECT screening or assess items?

Source information: DETECT

Column type: Categorical

Data type: Logical

Unique non-missing value count: 2

Missing value count: 90,966

Categories	Frequency	Cumulative Frequency	Percent
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FALSE	1,186	1,186	1.29
TRUE	4	1,190	0.00
Missing	90,966	92,156	98.71

82	Column name:	dt_comment_condition
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Column description: Content of "APS Report Number" Field: a mention that the DETECT recorded responses were explained by the patient's current medical condition?

Source information: DETECT

Column type: Categorical

Data type: Logical

Unique non-missing value count: 2

Missing value count: 90,966

Categories	Frequency	Cumulative Frequency	Percent
FALSE	1,187	1,187	1.29
TRUE	3	1,190	0.00
Missing	90,966	92,156	98.71

83	Column name:	dt_comment_other_ref
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Column description: Content of "APS Report Number" Field: a mention that a referral to a service other than APS was made by EMS?

Source information: DETECT

Column type: Categorical

Data type: Logical

Unique non-missing value count: 2

Missing value count: 90,966

Categories	Frequency	Cumulative Frequency	Percent
FALSE	1,185	1,185	1.29
TRUE	5	1,190	0.01
Missing	90,966	92,156	98.71

84	Column name:	dt_comment_resolving		
	Column description:	Content of "APS Report Number" Field: a mention that APS believed the situation was resolving, and did not require additional intervention?		
	Source information:	DETECT		
	Column type:	Categorical		
	Data type:	Logical		
	Unique non-missing value count:	2		
	Missing value count:	90,966		
	Categories	Frequency	Cumulative Frequency	Percent
	FALSE	1,177	1,177	1.28
	TRUE	13	1,190	0.01
	Missing	90,966	92,156	98.71
85	Column name:	aps_inv_window		
	Column description:	Matched APS Investigation (30 day window critiera)		
	Source information:	DETECT		
	Column type:	Categorical		
	Data type:	Logical		
	Unique non-missing value count:	2		
	Missing value count:	0		
	Categories	Frequency	Cumulative Frequency	Percent
	FALSE	86,000	86,000	93.32
	TRUE	6,156	92,156	6.68
86	Column name:	aps_inv_window_num		
	Column description:	Number of Matched APS Investigations (30 day window criteria)		
	Source information:	DETECT		
	Column type:	Numeric		
	Data type:	Integer		

Unique non-missing value count: 7

Missing value count: 86,000

Min	Mean	Median	Max	SD
1.00	1.17	1.00	7.00	0.52

87	Column name:	aps_inv_window_dispo
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Column description: Aggregate disposition of matched APS Investigations (30-day window criteria)

Source information: DETECT

Column type: Categorical

Data type: Character

Unique non-missing value count: 5

Missing value count: 86,000

Value labels:

valid = 1+ Valid Investigation, no Invalid

mixed_validity = 1+ Valid and 1+ Invalid Investigation

invalid = 1+ Invalid Investigation, no Valid

utd = Unable to Determine, No Valid or Invalid

other = Other (Not Investigated); No Valid, Invalid, or Unable to Determine

Categories	Frequency	Cumulative Frequency	Percent
invalid	809	809	0.88
mixed_validity	99	908	0.11
other	289	1,197	0.31
utd	353	1,550	0.38
valid	4,606	6,156	5.00
Missing	86,000	92,156	93.32

88	Column name:	aps_inv_window_dispo_best
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Column description: Disposition of the single "best" (temporally closest) matching APS Investigation (30-day window criteria)

Source information: DETECT

Column type: Categorical

Data type: Character

Unique non-missing value count: 4

Missing value count: 86,000

Value labels:

valid = 1+ Valid Allegation

invalid = 1+ Invalid Allegation, No Valid

utd = Unable to Determine

other = Other (Not Investigated)

Categories	Frequency	Cumulative Frequency	Percent
invalid	846	846	0.92
other	289	1,135	0.31
utd	353	1,488	0.38
valid	4,668	6,156	5.07
Missing	86,000	92,156	93.32

89	Column name:	aps_inv_exact
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Column description: Matched APS Investigation (direct overlap criteria)

Source information: DETECT

Column type: Categorical

Data type: Logical

Unique non-missing value count: 2

Missing value count: 0

Categories	Frequency	Cumulative Frequency	Percent
FALSE	88,976	88,976	96.55
TRUE	3,180	92,156	3.45

90	Column name:	aps_inv_exact_num
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Column description: Number of Matched APS Investigations (direct overlap criteria)

Source information: DETECT

Column type: Numeric

Data type: Integer

Unique non-missing value count: 3

Missing value count: 88,976

Min	Mean	Median	Max	SD
1.00	1.02	1.00	3.00	0.16

91	Column name:	aps_inv_exact_dispo
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Column description: Aggregate disposition of matched APS Investigations (direct overlap criteria)

Source information: DETECT

Column type: Categorical

Data type: Character

Unique non-missing value count: 5

Missing value count: 88,976

Value labels:

valid = 1+ Valid Investigation, no Invalid

mixed_validity = 1+ Valid and 1+ Invalid Investigation

invalid = 1+ Invalid Investigation, no Valid

utd = Unable to Determine, No Valid or Invalid

other = Other (Not Investigated); No Valid, Invalid, or Unable to Determine

Categories	Frequency	Cumulative Frequency	Percent
invalid	367	367	0.40
mixed_validity	3	370	0.00
other	124	494	0.13
utd	199	693	0.22
valid	2,487	3,180	2.70
Missing	88,976	92,156	96.55

92	Column name:	aps_inv_exact_dispo_best
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Column description:	Disposition of the single "best" (temporally closest) matching APS Investigation (direct overlap window criteria)
Source information:	DETECT
Column type:	Categorical
Data type:	Character
Unique non-missing value count:	4
Missing value count:	88,976
Value labels:	valid = 1+ Valid Allegation invalid = 1+ Invalid Allegation, No Valid utd = Unable to Determine other = Other (Not Investigated)

Categories	Frequency	Cumulative Frequency	Percent
invalid	367	367	0.40
other	124	491	0.13
utd	199	690	0.22
valid	2,490	3,180	2.70
Missing	88,976	92,156	96.55

93	Column name:	aps_intake	
	Column description:	Matched APS Intake (72 hours post EMS response, any reporter type)?	
	Source information:	DETECT	
	Column type:	Categorical	
	Data type:	Logical	
	Unique non-missing value count:	2	
	Missing value count:	0	
Categories	Frequency	Cumulative Frequency	Percent
FALSE	90,583	90,583	98.29
TRUE	1,573	92,156	1.71

94	Column name:	aps_intake_num		
	Column description:	Number of Matched APS Intakes (any reporter type)		
	Source information:	DETECT		
	Column type:	Categorical		
	Data type:	Integer		
	Unique non-missing value count:	4		
	Missing value count:	90,583		
Categories	Frequency	Cumulative Frequency	Percent	
1	1,359	1,359	1.47	
2	191	1,550	0.21	
3	18	1,568	0.02	
4	5	1,573	0.01	
Missing	90,583	92,156	98.29	

95	Column name:	aps_intake_poss		
	Column description:	Any matched APS Intake with an "EMS Possible" reporter type? ("Health Care Providers/Staff", "Other Providers")		
	Source information:	DETECT		
	Column type:	Categorical		
	Data type:	Logical		
	Unique non-missing value count:	2		
	Missing value count:	90,583		
Categories	Frequency	Cumulative Frequency	Percent	
FALSE	1,040	1,040	1.13	
TRUE	533	1,573	0.58	
Missing	90,583	92,156	98.29	

96	Column name:	aps_intake_poss_num		
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Column description:	Number of matched APS Intakes with an "EMS Possible" reporter type ("Health Care Providers/Staff", "Other Providers")
Source information:	DETECT
Column type:	Categorical
Data type:	Integer
Unique non-missing value count:	3
Missing value count:	90,583

Categories	Frequency	Cumulative Frequency	Percent
0	1,040	1,040	1.13
1	520	1,560	0.56
2	13	1,573	0.01
Missing	90,583	92,156	98.29

97	Column name:	aps_intake_ems
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Column description:	Any matched APS Intake with an "EMS Explicit" reporter type? ("Health Care Providers/Staff -- EMS/EMT")
Source information:	DETECT
Column type:	Categorical
Data type:	Logical
Unique non-missing value count:	2
Missing value count:	90,583

Categories	Frequency	Cumulative Frequency	Percent
FALSE	886	886	0.96
TRUE	687	1,573	0.75
Missing	90,583	92,156	98.29

98	Column name:	aps_intake_ems_num
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Column description:	Number of matched APS Intakes with an "EMS Explicit" reporter type ("Health Care Providers/Staff -- EMS/EMT")
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Source information: DETECT

Column type: Categorical

Data type: Integer

Unique non-missing value count: 4

Missing value count: 90,583

Categories	Frequency	Cumulative Frequency	Percent
0	886	886	0.96
1	661	1,547	0.72
2	22	1,569	0.02
3	4	1,573	0.00
Missing	90,583	92,156	98.29

99	Column name:	aps_intake_type
	Column description:	Overall APS Intake Type (Explicit > Possible > Any)
	Source information:	DETECT
	Column type:	Categorical
	Data type:	Character
	Unique non-missing value count:	3
	Missing value count:	90,583
	Value labels:	ems = EMS (explicit) possible = EMS (possible) any = Not Likely EMS

Categories	Frequency	Cumulative Frequency	Percent
any	418	418	0.45
ems	687	1,105	0.75
possible	468	1,573	0.51
Missing	90,583	92,156	98.29