

	Variable Name	Description	Type
Response Variable			
	disposition	admission (1) vs discharge (0)	Binary
Demographics	demo_age	age	Categorical
	demo_gender	gender(male or female)	Binary
	demo_ethnicity	ethnicity	Categorical
	demo_employstatus	full-time, part-time, student, unemployed, retired	Categorical
	demo_insurance_status	commerical, medicaid, medicare, self-pay	Categorical
Triage Numeric	triage_vital_hr	systolic blood pressure recorded at triage	Categorical
	triage_vital_sbp	diastolic blood pressure recorded at triage	Categorical
	triage_vital_dbp	heart rate recorded at triage	Categorical
	triage_vital_rr	respiratory rate recorded at triage	Categorical
	triage_vital_temp	temperature recorded at triage	Categorical
Hospital Usage	huse_previousdispo	disposition of the patient's last visit to the ED	Categorical
	huse_n_edvisits	number of ED visits within the past year	Categorical
	huse_n_admissions	number of in-patient admissions within the past year	Categorical
	huse_n_surgeries	number of surgeries and procedures within the past year	Categorical
	cc_abdominalcramping	Chief complaint: abdominal cramping	Binary
	cc_abdominaldistention	Chief complaint: abdominal distention	Binary
	cc_abdominalpain	Chief complaint: abdominal pain	Binary
	cc_abdominalpainpregnant	Chief complaint: abdominal pain pregnant	Binary
	cc_abnormallab	Chief complaint: abnormal lab	Binary
	cc_abscess	Chief complaint: abscess	Binary
	cc_addictionproblem	Chief complaint: addiction problem	Binary
	cc_agitation	Chief complaint: agitation	Binary
	cc_alcoholintoxication	Chief complaint: alcohol intoxication	Binary
	cc_alcoholproblem	Chief complaint: alcohol problem	Binary
	cc_allergicreaction	Chief complaint: allergic reaction	Binary
	cc_alteredmentalstatus	Chief complaint: altered mental status	Binary
	cc_animalbite	Chief complaint: animal bite	Binary
	cc_ankleinjury	Chief complaint: ankle injury	Binary
	cc_anklepain	Chief complaint: ankle pain	Binary
	cc_anxiety	Chief complaint: anxiety	Binary
	cc_arminjury	Chief complaint: arm injury	Binary
	cc_armpain	Chief complaint: arm pain	Binary
	cc_armswelling	Chief complaint: arm swelling	Binary
	cc_assaultvictim	Chief complaint: assault victim	Binary
	cc_asthma	Chief complaint: asthma	Binary
	cc_backpain	Chief complaint: back pain	Binary
	cc_bleeding/bruising	Chief complaint: bleeding/bruising	Binary
	cc_blurredvision	Chief complaint: blurred vision	Binary
	cc_bodyfluidexposure	Chief complaint: body fluid exposure	Binary
	cc_breastpain	Chief complaint: breast pain	Binary
	cc_breathingdifficulty	Chief complaint: breathing difficulty	Binary
	cc_breathingproblem	Chief complaint: breathing problem	Binary
	cc_burn	Chief complaint: burn	Binary
	cc_cardiacarrest	Chief complaint: cardiac arrest	Binary
	cc_cellulitis	Chief complaint: cellulitis	Binary
	cc_chestpain	Chief complaint: chest pain	Binary
	cc_chesttightness	Chief complaint: chest tightness	Binary
	cc_chills	Chief complaint: chills	Binary
	cc_coldlikesymptoms	Chief complaint: cold like symptoms	Binary
	cc_confusion	Chief complaint: confusion	Binary
	cc_conjunctivitis	Chief complaint: conjunctivitis	Binary
	cc_constipation	Chief complaint: constipation	Binary
	cc_cough	Chief complaint: cough	Binary
	cc_cyst	Chief complaint: cyst	Binary
	cc_decreasedbloodsugar-symptomatic	Chief complaint: decreased blood sugar-symptomatic	Binary
	cc_dehydration	Chief complaint: dehydration	Binary
	cc_dentalpain	Chief complaint: dental pain	Binary
	cc_depression	Chief complaint: depression	Binary
	cc_detoxevaluation	Chief complaint: detox evaluation	Binary
	cc_diarrhea	Chief complaint: diarrhea	Binary
	cc_dizziness	Chief complaint: dizziness	Binary
	cc_drug/alcoholassessment	Chief complaint: drug / alcohol assessment	Binary

Chief Complaint	cc_drugproblem	Chief complaint: drug problem	Binary
	cc_dyspnea	Chief complaint: dyspnea	Binary
	cc_dysuria	Chief complaint: dysuria	Binary
	cc_earpain	Chief complaint: ear pain	Binary
	cc_earproblem	Chief complaint: ear problem	Binary
	cc_edema	Chief complaint: edema	Binary
	cc_elbowpain	Chief complaint: elbow pain	Binary
	cc_elevatedbloodsugar-nosymptoms	Chief complaint: elevated blood sugar-no symptoms	Binary
	cc_elevatedbloodsugar-symptomatic	Chief complaint: elevated blood sugar-symptomatic	Binary
	cc_emesis	Chief complaint: emesis	Binary
	cc_epigastricpain	Chief complaint: epigastric pain	Binary
	cc_epistaxis	Chief complaint: epistaxis	Binary
	cc_exposuretostd	Chief complaint: exposure to std	Binary
	cc_extremitylaceration	Chief complaint: extremity laceration	Binary
	cc_extremityweakness	Chief complaint: extremity weakness	Binary
	cc_eyeinjury	Chief complaint: eye injury	Binary
	cc_eyepain	Chief complaint: eye pain	Binary
	cc_eyeproblem	Chief complaint: eye problem	Binary
	cc_eyeredness	Chief complaint: eye redness	Binary
	cc_facialinjury	Chief complaint: facial injury	Binary
	cc_faciallaceration	Chief complaint: facial laceration	Binary
	cc_facialpain	Chief complaint: facial pain	Binary
	cc_facialswelling	Chief complaint: facial swelling	Binary
	cc_fall	Chief complaint: fall	Binary
	cc_fall>65	Chief complaint: fall >65	Binary
	cc_fatigue	Chief complaint: fatigue	Binary
	cc_femalegupproblem	Chief complaint: female gu problem	Binary
	cc_fever	Chief complaint: fever	Binary
	cc_fever-75yearsorolder	Chief complaint: fever-75 years or older	Binary
	cc_fever-9weeksto74years	Chief complaint: fever-9 weeks to 74 years	Binary
	cc_feverimmunocompromised	Chief complaint: fever immunocompromised	Binary
	cc_fingerinjury	Chief complaint: finger injury	Binary
	cc_fingerpain	Chief complaint: finger pain	Binary
	cc_fingerswelling	Chief complaint: finger swelling	Binary
	cc_flankpain	Chief complaint: flank pain	Binary
	cc_follow-upcellulitis	Chief complaint: follow-up cellulitis	Binary
	cc_footinjury	Chief complaint: foot injury	Binary
	cc_footpain	Chief complaint: foot pain	Binary
	cc_footswelling	Chief complaint: foot swelling	Binary
	cc_foreignbodyineye	Chief complaint: foreign body in eye	Binary
	cc_fulltrauma	Chief complaint: full trauma	Binary
	cc_generalizedbodyaches	Chief complaint: generalized body aches	Binary
	cc_gibleeding	Chief complaint: gi bleeding	Binary
	cc_giproblem	Chief complaint: gi problem	Binary
	cc_groinpain	Chief complaint: groin pain	Binary
	cc_hallucinations	Chief complaint: hallucinations	Binary
	cc_handinjury	Chief complaint: hand injury	Binary
	cc_handpain	Chief complaint: hand pain	Binary
	cc_headache	Chief complaint: headache	Binary
	cc_headache-newonsetornewsymptoms	Chief complaint: headache- new onset or new symptoms	Binary
	cc_headache-recurrentorknowndxmigraines	Chief complaint: headache- recurrent or known dx migraines	Binary
	cc_headachere-evaluation	Chief complaint: headache re-evaluation	Binary
	cc_headinjury	Chief complaint: head injury	Binary
	cc_headlaceration	Chief complaint: head laceration	Binary
	cc_hematuria	Chief complaint: hematuria	Binary
	cc_hemoptysis	Chief complaint: hemoptysis	Binary
	cc_hippain	Chief complaint: hip pain	Binary
	cc_homicidal	Chief complaint: homicidal	Binary
	cc_hyperglycemia	Chief complaint: hyperglycemia	Binary
	cc_hypertension	Chief complaint: hypertension	Binary
	cc_hypotension	Chief complaint: hypotension	Binary
	cc_influenza	Chief complaint: influenza	Binary
	cc_ingestion	Chief complaint: ingestion	Binary
	cc_insectbite	Chief complaint: insect bite	Binary
	cc_irregularheartbeat	Chief complaint: irregular heart beat	Binary
	cc_jawpain	Chief complaint: jaw pain	Binary
	cc_joints swelling	Chief complaint: joint swelling	Binary
	cc_kneeinjury	Chief complaint: knee injury	Binary

cc_kneepain	Chief complaint: knee pain	Binary
cc_laceration	Chief complaint: laceration	Binary
cc_leginjury	Chief complaint: leg injury	Binary
cc_legpain	Chief complaint: leg pain	Binary
cc_legswelling	Chief complaint: leg swelling	Binary
cc_lethargy	Chief complaint: lethargy	Binary
cc_lossofconsciousness	Chief complaint: loss of consciousness	Binary
cc_maleguproblem	Chief complaint: male gu problem	Binary
cc_mass	Chief complaint: mass	Binary
cc_medicalproblem	Chief complaint: medical problem	Binary
cc_medicalscreening	Chief complaint: medical screening	Binary
cc_medicationproblem	Chief complaint: medication problem	Binary
cc_medicationrefill	Chief complaint: medication refill	Binary
cc_migraine	Chief complaint: migraine	Binary
cc_modifiedtrauma	Chief complaint: modified trauma	Binary
cc_motorcyclecrash	Chief complaint: motor vehicle crash	Binary
cc_motorvehiclecrash	Chief complaint: motorcycle crash	Binary
cc_multiplefalls	Chief complaint: multiple falls	Binary
cc_nasalcongestion	Chief complaint: nasal congestion	Binary
cc_nausea	Chief complaint: nausea	Binary
cc_nearsyncope	Chief complaint: near syncope	Binary
cc_neckpain	Chief complaint: neck pain	Binary
cc_neurologicproblem	Chief complaint: neurologic problem	Binary
cc numbness	Chief complaint: numbness	Binary
cc_oralswelling	Chief complaint: oral swelling	Binary
cc_otalgia	Chief complaint: otalgia	Binary
cc_other	Chief complaint: other	Binary
cc_overdose-accidental	Chief complaint: overdose- accidental	Binary
cc_overdose-intentional	Chief complaint: overdose- intentional	Binary
cc_pain	Chief complaint: pain	Binary
cc_palpitations	Chief complaint: palpitations	Binary
cc_panicattack	Chief complaint: panic attack	Binary
cc_pelvicpain	Chief complaint: pelvic pain	Binary
cc_poisoning	Chief complaint: poisoning	Binary
cc_post-opproblem	Chief complaint: post-op problem	Binary
cc_psychiatricevaluation	Chief complaint: psychiatric evaluation	Binary
cc_psychoticsymptoms	Chief complaint: psychotic symptoms	Binary
cc_rapidheartrate	Chief complaint: rapid heart rate	Binary
cc_rash	Chief complaint: rash	Binary
cc_rectalbleeding	Chief complaint: rectal bleeding	Binary
cc_rectalpain	Chief complaint: rectal pain	Binary
cc_respiratorydistress	Chief complaint: respiratory distress	Binary
cc_ribinjury	Chief complaint: rib injury	Binary
cc_ribpain	Chief complaint: rib pain	Binary
cc_seizure-newonset	Chief complaint: seizure- new onset	Binary
cc_seizure-priorhxof	Chief complaint: seizure- prior hx of	Binary
cc_seizures	Chief complaint: seizures	Binary
cc_shortnessofbreath	Chief complaint: shortness of breath	Binary
cc_shoulderinjury	Chief complaint: shoulder injury	Binary
cc_shoulderpain	Chief complaint: shoulder pain	Binary
cc_sicklecellpain	Chief complaint: sickle cell pain	Binary
cc_sinusproblem	Chief complaint: sinus problem	Binary
cc_skinirritation	Chief complaint: skin irritation	Binary
cc_skinproblem	Chief complaint: skin problem	Binary
cc_sorethroat	Chief complaint: sore throat	Binary
cc_stdcheck	Chief complaint: std check	Binary
cc_strokealert	Chief complaint: stroke alert	Binary
cc_suicidal	Chief complaint: suicidal	Binary
cc_suture/stapleremoval	Chief complaint: suture / staple removal	Binary
cc_swallowedforeignbody	Chief complaint: swallowed foreign body	Binary
cc_syncope	Chief complaint: syncope	Binary
cc_tachycardia	Chief complaint: tachycardia	Binary
cc_testiclepain	Chief complaint: testicle pain	Binary
cc_thumbinjury	Chief complaint: thumb injury	Binary
cc_tickremoval	Chief complaint: tick removal	Binary
cc_toeinjury	Chief complaint: toe injury	Binary
cc_toepain	Chief complaint: toe pain	Binary
cc_trauma	Chief complaint: trauma	Binary

cc_unresponsive	Chief complaint: unresponsive	Binary
cc_uri	Chief complaint: uri	Binary
cc_urinaryfrequency	Chief complaint: urinary frequency	Binary
cc_urinaryretention	Chief complaint: urinary retention	Binary
cc_urinarytractinfection	Chief complaint: urinary tract infection	Binary
cc_vaginalbleeding	Chief complaint: vaginal bleeding	Binary
cc_vaginaldischarge	Chief complaint: vaginal discharge	Binary
cc_vaginalpain	Chief complaint: vaginal pain	Binary
cc_weakness	Chief complaint: weakness	Binary
cc_wheezing	Chief complaint: wheezing	Binary
cc_withdrawal-alcohol	Chief complaint: withdrawal- alcohol	Binary
cc_woundcheck	Chief complaint: wound check	Binary
cc_woundinfection	Chief complaint: wound infection	Binary
cc_woundre-evaluation	Chief complaint: wound re-evaluation	Binary
cc_wristinjury	Chief complaint: wrist injury	Binary
cc_wristpain	Chief complaint: wrist pain	Binary
pmh_2ndarymalig	PMH: Secondary malignancies	Binary
pmh_abdomhernia	PMH: Abdominal hernia	Binary
pmh_abdomnlpain	PMH: Abdominal pain	Binary
pmh_abortcompl	PMH: Postabortion complications	Binary
pmh_acqfootdef	PMH: Acquired foot deformities	Binary
pmh_acrenlfail	PMH: Acute and unspecified renal failure	Binary
pmh_acutecvd	PMH: Acute cerebrovascular disease	Binary
pmh_acutemi	PMH: Acute myocardial infarction	Binary
pmh_acutphanm	PMH: Acute posthemorrhagic anemia	Binary
pmh_adjustmentdisorders	PMH: Adjustment disorders	Binary
pmh_adltrespfl	PMH: Respiratory failure; insufficiency; arrest (adult)	Binary
pmh_alcoholrelateddisorders	PMH: Alcohol-related disorders	Binary
pmh_allergy	PMH: Allergic reactions	Binary
pmh_amniosdx	PMH: Polyhydramnios and other problems of amniotic cavity	Binary
pmh_analrectal	PMH: Anal and rectal conditions	Binary
pmh_anemia	PMH: Deficiency and other anemia	Binary
pmh_aneurysm	PMH: Aortic; peripheral; and visceral artery aneurysms	Binary
pmh_anxietydisorders	PMH: Anxiety disorders	Binary
pmh_appendicitis	PMH: Appendicitis and other appendiceal conditions	Binary
pmh_arterbolism	PMH: Aortic and peripheral arterial embolism or thrombosis	Binary
pmh_asppneumon	PMH: Aspiration pneumonitis; food/vomitus	Binary
pmh_asthma	PMH: Asthma	Binary
pmh_attentiondeficitconductdisruptivebeha	PMH: Attention-deficit, conduct, and disruptive behavior disorders	Binary
pmh_backproblem	PMH: Spondylosis; intervertebral disc disorders; other back problems	Binary
pmh_biliarydx	PMH: Biliary tract disease	Binary
pmh_birthisphyx	PMH: Intrauterine hypoxia and birth asphyxia	Binary
pmh_birthistrauma	PMH: Birth trauma	Binary
pmh_bladdercncr	PMH: Cancer of bladder	Binary
pmh_blindness	PMH: Blindness and vision defects	Binary
pmh_bnignutneo	PMH: Benign neoplasm of uterus	Binary
pmh_bonectcncr	PMH: Cancer of bone and connective tissue	Binary
pmh_bph	PMH: Hyperplasia of prostate	Binary
pmh_brainnscan	PMH: Cancer of brain and nervous system	Binary
pmh_breastcancr	PMH: Cancer of breast	Binary
pmh_breastdx	PMH: Nonmalignant breast conditions	Binary
pmh_brnchlngca	PMH: Cancer of bronchus; lung	Binary
pmh_bronchitis	PMH: Acute bronchitis	Binary
pmh_burns	PMH: Burns	Binary
pmh_cardiaarrst	PMH: Cardiac arrest and ventricular fibrillation	Binary
pmh_cardiacanom	PMH: Cardiac and circulatory congenital anomalies	Binary
pmh_carditis	PMH: Peri-; endo-; and myocarditis; cardiomyopathy (except that caused by tuberculosis or sexually transmitted disease)	Binary
pmh_cataract	PMH: Cataract	Binary
pmh_cervixcancr	PMH: Cancer of cervix	Binary
pmh_chestpain	PMH: Nonspecific chest pain	Binary
pmh_chfnonhp	PMH: Congestive heart failure; nonhypertensive	Binary
pmh_chrkidneydisease	PMH: Chronic kidney disease	Binary
pmh_coaghemrdx	PMH: Coagulation and hemorrhagic disorders	Binary
pmh_coloncancer	PMH: Cancer of colon	Binary
pmh_comabrndmg	PMH: Coma; stupor; and brain damage	Binary
pmh_complicdevi	PMH: Complication of device; implant or graft	Binary
pmh_complicproc	PMH: Complications of surgical procedures or medical care	Binary
pmh_conduction	PMH: Conduction disorders	Binary

pmh_contraceptiv	PMH: Contraceptive and procreative management	Binary
pmh_copd	PMH: Chronic obstructive pulmonary disease and bronchiectasis	Binary
pmh_coronathero	PMH: Coronary atherosclerosis and other heart disease	Binary
pmh_crushinjury	PMH: Crushing injury or internal injury	Binary
pmh_cysticfibro	PMH: Cystic fibrosis	Binary
pmh_deliriumdementiaamnesticothercognitiv	PMH: Delirium, dementia, and amnestic and other cognitive disorders	Binary
pmh_developmentaldisorders	PMH: Developmental disorders	Binary
pmh_diabmelnoc	PMH: Diabetes mellitus without complication	Binary
pmh_diabmelwcm	PMH: Diabetes mellitus with complications	Binary
pmh_disordersusuallydiagnosedininfancy	PMH: Disorders usually diagnosed in infancy, childhood, or adolescence	Binary
pmh_diverticulos	PMH: Diverticulosis and diverticulitis	Binary
pmh_dizziness	PMH: Conditions associated with dizziness or vertigo	Binary
pmh_dminpreg	PMH: Diabetes or abnormal glucose tolerance complicating pregnancy; childbirth; or the puerperium	Binary
pmh_dysrhythmia	PMH: Cardiac dysrhythmias	Binary
pmh_earlylabor	PMH: Early or threatened labor	Binary
pmh_ecodesadverseeffectsofmedicalcare	PMH: E Codes: Adverse effects of medical care	Binary
pmh_ecodesadverseeffectsofmedicaldrugs	PMH: E Codes: Adverse effects of medical drugs	Binary
pmh_ecodescutpierce	PMH: E Codes: Cut/pierce	Binary
pmh_ecodesdrowningsubmersion	PMH: E Codes: Drowning/submersion	Binary
pmh_ecodesfall	PMH: E Codes: Fall	Binary
pmh_ecodesfirearm	PMH: E Codes: Firearm	Binary
pmh_ecodesfireburn	PMH: E Codes: Fire/burn	Binary
pmh_ecodesmachinery	PMH: E Codes: Machinery	Binary
pmh_ecodesmotorvehicletrafficmvt	PMH: E Codes: Motor vehicle traffic (MVT)	Binary
pmh_ecodesnaturalenvironment	PMH: E Codes: Natural/environment	Binary
pmh_ecodesotherspecifiedandclassifiable	PMH: E Codes: Other specified and classifiable	Binary
pmh_ecodesotherspecifiednec	PMH: E Codes: Other specified; NEC	Binary
pmh_ecodespedalcyclistnotmvt	PMH: E Codes: Pedal cyclist; not MVT	Binary
pmh_ecodesplaceofoccurrence	PMH: E Codes: Place of occurrence	Binary
pmh_ecodespoisoning	PMH: E Codes: Poisoning	Binary
pmh_ecodesstruckbyagainst	PMH: E Codes: Struck by; against	Binary
pmh_ecodesuffocation	PMH: E Codes: Suffocation	Binary
pmh_ecodestransportnotmvt	PMH: E Codes: Transport; not MVT	Binary
pmh_ecodesunspecified	PMH: E Codes: Unspecified	Binary
pmh_ectopicpreg	PMH: Ectopic pregnancy	Binary
pmh_encephalitis	PMH: Encephalitis (except that caused by tuberculosis or sexually transmitted disease)	Binary
pmh_endometriosis	PMH: Endometriosis	Binary
pmh_epilepsycnv	PMH: Epilepsy; convulsions	Binary
pmh_esophcancer	PMH: Cancer of esophagus	Binary
pmh_esophgealdx	PMH: Esophageal disorders	Binary
pmh_exameval	PMH: Medical examination/evaluation	Binary
pmh_eyeinfectn	PMH: Inflammation; infection of eye (except that caused by tuberculosis or sexually transmitted disease)	Binary
pmh_fatigue	PMH: Malaise and fatigue	Binary
pmh_femgenitca	PMH: Cancer of other female genital organs	Binary
pmh_feminfertil	PMH: Female infertility	Binary
pmh_fetaldistrs	PMH: Fetal distress and abnormal forces of labor	Binary
pmh_fluidelcdx	PMH: Fluid and electrolyte disorders	Binary
pmh_fuo	PMH: Fever of unknown origin	Binary
pmh_fxarm	PMH: Fracture of upper limb	Binary
pmh_fxhip	PMH: Fracture of neck of femur (hip)	Binary
pmh_fxleg	PMH: Fracture of lower limb	Binary
pmh_fxskullfac	PMH: Skull and face fractures	Binary
pmh_gangrene	PMH: Gangrene	Binary
pmh_gasduulcer	PMH: Gastroduodenal ulcer (except hemorrhage)	Binary
pmh_gastritis	PMH: Gastritis and duodenitis	Binary
pmh_gastroent	PMH: Noninfectious gastroenteritis	Binary
pmh_giconganom	PMH: Digestive congenital anomalies	Binary
pmh_gihemorrhag	PMH: Gastrointestinal hemorrhage	Binary
pmh_giperitcan	PMH: Cancer of other GI organs; peritoneum	Binary
pmh_glaucoma	PMH: Glaucoma	Binary
pmh_goutotcrys	PMH: Gout and other crystal arthropathies	Binary
pmh_guconganom	PMH: Genitourinary congenital anomalies	Binary
pmh_hdnckancr	PMH: Cancer of head and neck	Binary
pmh_headachemig	PMH: Headache; including migraine	Binary
pmh_hemorrhoids	PMH: Hemorrhoids	Binary
pmh_hemorrpreg	PMH: Hemorrhage during pregnancy; abruptio placenta; placenta previa	Binary
pmh_hepatitis	PMH: Hepatitis	Binary
pmh_hivinfectn	PMH: HIV infection	Binary

Past Medical History	pmh_hodgkinsds	PMH: Hodgkin's disease	Binary
	pmh_hrtvalvedx	PMH: Heart valve disorders	Binary
	pmh_htn	PMH: Essential hypertension	Binary
	pmh_htncomplicn	PMH: Hypertension with complications and secondary hypertension	Binary
	pmh_htninpreg	PMH: Hypertension complicating pregnancy; childbirth and the puerperium	Binary
	pmh_hyperlipidem	PMH: Disorders of lipid metabolism	Binary
	pmh_immunitydx	PMH: Immunity disorders	Binary
	pmh_immunizscrn	PMH: Immunizations and screening for infectious disease	Binary
	pmh_impulsecontrol disordersnec	PMH: Impulse control disorders, NEC	Binary
	pmh_inducabortn	PMH: Induced abortion	Binary
	pmh_infecarth	PMH: Infective arthritis and osteomyelitis (except that caused by tuberculosis or sexually transmitted disease)	Binary
	pmh_influenza	PMH: Influenza	Binary
	pmh_infmalegen	PMH: Inflammatory conditions of male genital organs	Binary
	pmh_intestinfct	PMH: Intestinal infection	Binary
	pmh_intobstruct	PMH: Intestinal obstruction without hernia	Binary
	pmh_intracrninj	PMH: Intracranial injury	Binary
	pmh_jointinjury	PMH: Joint disorders and dislocations; trauma-related	Binary
	pmh_kidnyrnlca	PMH: Cancer of kidney and renal pelvis	Binary
	pmh_lateeffcvd	PMH: Late effects of cerebrovascular disease	Binary
	pmh_leukemias	PMH: Leukemias	Binary
	pmh_liveborn	PMH: Liveborn	Binary
	pmh_liveribdca	PMH: Cancer of liver and intrahepatic bile duct	Binary
	pmh_longpregnncy	PMH: Prolonged pregnancy	Binary
	pmh_lowbirthwt	PMH: Short gestation; low birth weight; and fetal growth retardation	Binary
	pmh_lungexternl	PMH: Lung disease due to external agents	Binary
	pmh_lymphnlarlg	PMH: Lymphadenitis	Binary
	pmh_maintchemr	PMH: Maintenance chemotherapy; radiotherapy	Binary
	pmh_malgenitca	PMH: Cancer of other male genital organs	Binary
	pmh_maligneopls	PMH: Malignant neoplasm without specification of site	Binary
	pmh_malposition	PMH: Malposition; malpresentation	Binary
	pmh_meningitis	PMH: Meningitis (except that caused by tuberculosis or sexually transmitted disease)	Binary
	pmh_menopausldx	PMH: Menopausal disorders	Binary
	pmh_menstrualdx	PMH: Menstrual disorders	Binary
	pmh_miscellaneousmentalhealthdisorders	PMH: Miscellaneous mental health disorders	Binary
	pmh_mooddisorders	PMH: Mood disorders	Binary
	pmh_mouthdx	PMH: Diseases of mouth; excluding dental	Binary
	pmh_ms	PMH: Multiple sclerosis	Binary
	pmh_multmyeloma	PMH: Multiple myeloma	Binary
	pmh_mycoses	PMH: Mycoses	Binary
	pmh_nauseavomit	PMH: Nausea and vomiting	Binary
	pmh_neoplsmunsp	PMH: Neoplasms of unspecified nature or uncertain behavior	Binary
	pmh_nephritis	PMH: Nephritis; nephrosis; renal sclerosis	Binary
	pmh_nervcongan	PMH: Nervous system congenital anomalies	Binary
	pmh_nonepithca	PMH: Other non-epithelial cancer of skin	Binary
	pmh_nonhodglym	PMH: Non-Hodgkin's lymphoma	Binary
	pmh_nutritdefic	PMH: Nutritional deficiencies	Binary
	pmh_obrelatedperintrauma	PMH: OB-related trauma to perineum and vulva	Binary
	pmh_opnwndextr	PMH: Open wounds of extremities	Binary
	pmh_opnwndhead	PMH: Open wounds of head; neck; and trunk	Binary
	pmh_osteoarthros	PMH: Osteoarthritis	Binary
	pmh_osteoporosis	PMH: Osteoporosis	Binary
	pmh_otacqdefor	PMH: Other acquired deformities	Binary
	pmh_otaftercare	PMH: Other aftercare	Binary
	pmh_otbnignneo	PMH: Other and unspecified benign neoplasm	Binary
	pmh_otbonedx	PMH: Other bone disease and musculoskeletal deformities	Binary
	pmh_otcirculdx	PMH: Other circulatory disease	Binary
	pmh_otcomplbir	PMH: Other complications of birth; puerperium affecting management of mother	Binary
	pmh_otconganom	PMH: Other congenital anomalies	Binary
	pmh_otconntiss	PMH: Other connective tissue disease	Binary
	pmh_otdxbladdr	PMH: Other diseases of bladder and urethra	Binary
	pmh_otdxkidney	PMH: Other diseases of kidney and ureters	Binary
	pmh_otdxstomch	PMH: Other disorders of stomach and duodenum	Binary
	pmh_otendodisor	PMH: Other endocrine disorders	Binary
	pmh_otfemalgen	PMH: Other female genital disorders	Binary
	pmh_othbactinf	PMH: Bacterial infection; unspecified site	Binary
	pmh_othcnsinfx	PMH: Other CNS infection and poliomyelitis	Binary
	pmh_othematldx	PMH: Other hematologic conditions	Binary
	pmh_othercvd	PMH: Other and ill-defined cerebrovascular disease	Binary

pmh_othereardx	PMH: Other ear and sense organ disorders	Binary
pmh_otheredcns	PMH: Other hereditary and degenerative nervous system conditions	Binary
pmh_othereyedx	PMH: Other eye disorders	Binary
pmh_othergidx	PMH: Other gastrointestinal disorders	Binary
pmh_othergudx	PMH: Genitourinary symptoms and ill-defined conditions	Binary
pmh_otherinjury	PMH: Other injuries and conditions due to external causes	Binary
pmh_otherpregnancyanddeliveryincludingnormal	PMH: Other pregnancy and delivery including normal	Binary
pmh_otherscreen	PMH: Other screening for suspected conditions (not mental disorders or infectious disease)	Binary
pmh_othfracture	PMH: Other fractures	Binary
pmh_othheartdx	PMH: Other and ill-defined heart disease	Binary
pmh_othinfectns	PMH: Other infections; including parasitic	Binary
pmh_othliverdx	PMH: Other liver diseases	Binary
pmh_othlowresp	PMH: Other lower respiratory disease	Binary
pmh_othmalegen	PMH: Other male genital disorders	Binary
pmh_othnervdx	PMH: Other nervous system disorders	Binary
pmh_othskindx	PMH: Other skin disorders	Binary
pmh_othveindx	PMH: Other diseases of veins and lymphatics	Binary
pmh_otinflskin	PMH: Other inflammatory condition of skin	Binary
pmh_otitismedia	PMH: Otitis media and related conditions	Binary
pmh_otjointdx	PMH: Other non-traumatic joint disorders	Binary
pmh_otnutritdx	PMH: Other nutritional; endocrine; and metabolic disorders	Binary
pmh_otperintdx	PMH: Other perinatal conditions	Binary
pmh_otpregcomp	PMH: Other complications of pregnancy	Binary
pmh_otprimryca	PMH: Cancer; other and unspecified primary	Binary
pmh_otrespirca	PMH: Cancer; other respiratory and intrathoracic	Binary
pmh_otupprresp	PMH: Other upper respiratory disease	Binary
pmh_otuprspin	PMH: Other upper respiratory infections	Binary
pmh_ovariancyst	PMH: Ovarian cyst	Binary
pmh_ovarycancer	PMH: Cancer of ovary	Binary
pmh_pancreascan	PMH: Cancer of pancreas	Binary
pmh_pancreasdx	PMH: Pancreatic disorders (not diabetes)	Binary
pmh_paralysis	PMH: Paralysis	Binary
pmh_parkinsons	PMH: Parkinson's disease	Binary
pmh_pathologfx	PMH: Pathological fracture	Binary
pmh_pelvicobstr	PMH: Fetopelvic disproportion; obstruction	Binary
pmh_perintjauand	PMH: Hemolytic jaundice and perinatal jaundice	Binary
pmh_peripathero	PMH: Peripheral and visceral atherosclerosis	Binary
pmh_peritonitis	PMH: Peritonitis and intestinal abscess	Binary
pmh_personalitydisorders	PMH: Personality disorders	Binary
pmh_phlebitis	PMH: Phlebitis; thrombophlebitis and thromboembolism	Binary
pmh_pid	PMH: Inflammatory diseases of female pelvic organs	Binary
pmh_pleurisy	PMH: Pleurisy; pneumothorax; pulmonary collapse	Binary
pmh_pneumonia	PMH: Pneumonia (except that caused by tuberculosis or sexually transmitted disease)	Binary
pmh_poisnnonmed	PMH: Poisoning by nonmedicinal substances	Binary
pmh_poisnotmed	PMH: Poisoning by other medications and drugs	Binary
pmh_poisonpsych	PMH: Poisoning by psychotropic agents	Binary
pmh_precereoccl	PMH: Occlusion or stenosis of precerebral arteries	Binary
pmh_prevcsectn	PMH: Previous C-section	Binary
pmh_prolapse	PMH: Prolapse of female genital organs	Binary
pmh_prostatecan	PMH: Cancer of prostate	Binary
pmh_pulmhartdx	PMH: Pulmonary heart disease	Binary
pmh_rctmanusca	PMH: Cancer of rectum and anus	Binary
pmh_rehab	PMH: Rehabilitation care; fitting of prostheses; and adjustment of devices	Binary
pmh_respdistres	PMH: Respiratory distress syndrome	Binary
pmh_retinaldx	PMH: Retinal detachments; defects; vascular occlusion; and retinopathy	Binary
pmh_rheumarth	PMH: Rheumatoid arthritis and related disease	Binary
pmh_schizophreniaandotherpsychoticdisorde	PMH: Schizophrenia and other psychotic disorders	Binary
pmh_screeningandhistoryofmentalhealthan	PMH: Screening and history of mental health and substance abuse codes	Binary
pmh_septicemia	PMH: Septicemia	Binary
pmh_septicemiaexceptinlabor	PMH: Septicemia (except in labor)	Binary
pmh_sexualinfxs	PMH: Sexually transmitted infections (not HIV or hepatitis)	Binary
pmh_shock	PMH: Shock	Binary
pmh_sicklecell	PMH: Sickle cell anemia	Binary
pmh_skininfectn	PMH: Skin and subcutaneous tissue infections	Binary
pmh_skinmelanom	PMH: Melanomas of skin	Binary
pmh_sle	PMH: Systemic lupus erythematosus and connective tissue disorders	Binary
pmh_socialadmin	PMH: Administrative/social admission	Binary
pmh_spincorinj	PMH: Spinal cord injury	Binary

	pmh_spontabortn	PMH: Spontaneous abortion	Binary
	pmh_sprain	PMH: Sprains and strains	Binary
	pmh_stomchcancr	PMH: Cancer of stomach	Binary
	pmh_substancerelateddisorders	PMH: Substance-related disorders	Binary
	pmh_suicideandintentionalselfinflictedin	PMH: Suicide and intentional self-inflicted injury	Binary
	pmh_superficiinj	PMH: Superficial injury; contusion	Binary
	pmh_syncope	PMH: Syncope	Binary
	pmh_teethdx	PMH: Disorders of teeth and jaw	Binary
	pmh_testiscancr	PMH: Cancer of testis	Binary
	pmh_thyroidcncr	PMH: Cancer of thyroid	Binary
	pmh_thyroiddsor	PMH: Thyroid disorders	Binary
	pmh_tia	PMH: Transient cerebral ischemia	Binary
	pmh_tonsillitis	PMH: Acute and chronic tonsillitis	Binary
	pmh_tuberculosis	PMH: Tuberculosis	Binary
	pmh_ulceratcol	PMH: Regional enteritis and ulcerative colitis	Binary
	pmh_ulcerskin	PMH: Chronic ulcer of skin	Binary
	pmh_umbilcord	PMH: Umbilical cord complication	Binary
	pmh_unclassified	PMH: Residual codes; unclassified	Binary
	pmh_urinstone	PMH: Calculus of urinary tract	Binary
	pmh_urinyorgca	PMH: Cancer of other urinary organs	Binary
	pmh_uteruscancr	PMH: Cancer of uterus	Binary
	pmh_uti	PMH: Urinary tract infections	Binary
	pmh_varicosevn	PMH: Varicose veins of lower extremity	Binary
	pmh_viralinfect	PMH: Viral infection	Binary
	pmh_whtblooddx	PMH: Diseases of white blood cells	Binary
Meds	meds_anti-obesitydrugs	Outpatient medications: Number of anti-obesity drugs	Categorical
	meds_antihyperglycemics	Outpatient medications: Number of antihyperglycemics	Categorical
	meds_hormones	Outpatient medications: Number of hormones	Categorical
Labs	hist_glucose_median	The median recorded value of glucose labs ordered in the ED within one year of the current visit	Binary