

Column	Description
Trait	variable name
Trait_Type	binary or quantitative
Meta_Group	cohorts contributing to meta-analysis
Category	Main Category
SubCategory	Sub Category
Description	Human-readable variable name
num_samples.META	total number of samples (meta-analysis)
num_cases.META	total number of cases (meta-analysis)
num_controls.META	total number of controls (meta-analysis)
num_samples.AFR	total number of samples (African)
num_cases.AFR	total number of cases (African)
num_controls.AFR	total number of controls (African)
num_samples.AMR	total number of samples (Admixed American)
num_cases.AMR	total number of cases (Admixed American)
num_controls.AMR	total number of controls (Admixed American)
num_samples.EAS	total number of samples (East Asian)
num_cases.EAS	total number of cases (East Asian)
num_controls.EAS	total number of controls (East Asian)
num_samples.EUR	total number of samples (European)
num_cases.EUR	total number of cases (European)
num_controls.EUR	total number of controls (European)
dbgap_cat.AFR	dbGAP category based on sample size (African)
dbgap_cat.AMR	dbGAP category based on sample size (Admixed American)
dbgap_cat.EAS	dbGAP category based on sample size (East Asian)
dbgap_cat.EUR	dbGAP category based on sample size (European)
dbgap_cat.META	dbGAP category based on sample size (meta-analysis)
dbgap_cat.pheno	dbGAP category based on phenotype

[illegible]

Trait	Trait_Type	Meta_Group	Category	SubCategory	Description	num_samples.META	num_cases.META	num_controls.META	num_samples.AFR	num_cases.AFR	num_controls.AFR	num_samples.AMR	num_cases.AMR	num_controls.AMR	num_samples.EAS	num_cases.EAS	num_controls.EAS	num_samples.EUR	num_cases.EUR	num_controls.EUR	dggap_cat.AFR	dggap_cat.AMR	dggap_cat.EAS	dggap_cat.EUR	dggap_cat.META	dggap_cat.pheno
A1C_Max_INT	qt	ALL	Labo	Labo	hemoglobin A1c (HbA1c, maximum, inv-norm transformed)	482333	NA	NA	98772	NA	NA	49229	NA	NA	5477	NA	NA	338857	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
A1C_Mean_INT	qt	ALL	Labo	Labo	hemoglobin A1c (HbA1c, mean, inv-norm transformed)	492283	NA	NA	98735	NA	NA	49525	NA	NA	5475	NA	NA	338848	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
A1C_Min_INT	qt	ALL	Labo	Labo	hemoglobin A1c (HbA1c, minimum, inv-norm transformed)	491838	NA	NA	98578	NA	NA	49466	NA	NA	5468	NA	NA	338840	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Albumin_Max_INT	qt	ALL	Labo	Labo	albumin (maximum, inv-norm transformed)	602802	NA	NA	53280	NA	NA	57588	NA	NA	5708	NA	NA	372488	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Albumin_Mean_INT	qt	ALL	Labo	Labo	albumin (mean, inv-norm transformed)	542276	NA	NA	510378	NA	NA	51287	NA	NA	5707	NA	NA	372962	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Albumin_Min_INT	qt	ALL	Labo	Labo	albumin (minimum, inv-norm transformed)	542320	NA	NA	510337	NA	NA	51293	NA	NA	5708	NA	NA	372882	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Asp_Fra_Max_INT	binary	AFGE	Surveys	Smoking	Do you drink alcohol?	140201	155599	18855	15673	958	9888	1219	1022	110566	128616	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
ALT_Max_INT	qt	ALL	Labo	Labo	alanine transaminase (ALT, maximum, inv-norm transformed)	581523	NA	NA	151123	NA	NA	56102	NA	NA	6054	NA	NA	406783	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
ALT_Mean_INT	qt	ALL	Labo	Labo	alanine transaminase (ALT, mean, inv-norm transformed)	583982	NA	NA	151128	NA	NA	56001	NA	NA	6009	NA	NA	406803	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
ALT_Min_INT	qt	ALL	Labo	Labo	alanine transaminase (ALT, minimum, inv-norm transformed)	583932	NA	NA	151058	NA	NA	55958	NA	NA	6007	NA	NA	406789	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
AST_Max_INT	qt	ALL	Labo	Labo	aspartate aminotransferase (AST, maximum, inv-norm transformed)	562117	NA	NA	122550	NA	NA	54332	NA	NA	5839	NA	NA	389396	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
AST_Mean_INT	qt	ALL	Labo	Labo	aspartate aminotransferase (AST, mean, inv-norm transformed)	561706	NA	NA	124295	NA	NA	54250	NA	NA	5835	NA	NA	389192	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
AST_Min_INT	qt	ALL	Labo	Labo	aspartate aminotransferase (AST, minimum, inv-norm transformed)	561715	NA	NA	123445	NA	NA	54221	NA	NA	5834	NA	NA	389315	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Baso_Abs_Max_INT	qt	ALL	Labo	Labo	basophil (absolute count, maximum, inv-norm transformed)	271730	NA	NA	45860	NA	NA	20384	NA	NA	158466	NA	NA	134446	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Baso_Abs_Mean_INT	qt	ALL	Labo	Labo	basophil (absolute count, mean, inv-norm transformed)	271732	NA	NA	45900	NA	NA	20397	NA	NA	158583	NA	NA	134462	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Baso_Abs_Min_INT	qt	ALL	Labo	Labo	basophil (absolute count, minimum, inv-norm transformed)	227753	NA	NA	45901	NA	NA	20400	NA	NA	158609	NA	NA	134421	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Baso_Fra_Max_INT	qt	ALL	Labo	Labo	basophil (fraction, maximum, inv-norm transformed)	330024	NA	NA	67485	NA	NA	36872	NA	NA	221657	NA	NA	221657	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Baso_Fra_Mean_INT	qt	ALL	Labo	Labo	basophil (fraction, mean, inv-norm transformed)	330024	NA	NA	67485	NA	NA	36872	NA	NA	221657	NA	NA	221657	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Baso_Fra_Min_INT	qt	ALL	Labo	Labo	basophil (fraction, minimum, inv-norm transformed)	330024	NA	NA	67485	NA	NA	36872	NA	NA	221657	NA	NA	221657	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Bicarbonate_Max_INT	qt	ALL	Labo	Labo	bicarbonate (maximum, inv-norm transformed)	581523	NA	NA	112880	NA	NA	54558	NA	NA	5480	NA	NA	412277	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Bicarbonate_Mean_INT	qt	ALL	Labo	Labo	bicarbonate (mean, inv-norm transformed)	581527	NA	NA	112877	NA	NA	54560	NA	NA	5480	NA	NA	412231	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Bicarbonate_Min_INT	qt	ALL	Labo	Labo	bicarbonate (minimum, inv-norm transformed)	581429	NA	NA	112877	NA	NA	54566	NA	NA	5459	NA	NA	412527	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
BMI_Max_INT	qt	ALL	Vitals	Vitals	body mass index (BMI, maximum, inv-norm transformed)	607406	NA	NA	118995	NA	NA	57796	NA	NA	6384	NA	NA	424231	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
BMI_Mean_INT	qt	ALL	Vitals	Vitals	body mass index (BMI, mean, inv-norm transformed)	607393	NA	NA	118953	NA	NA	57793	NA	NA	6384	NA	NA	424221	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
BMI_Min_INT	qt	ALL	Vitals	Vitals	body mass index (BMI, minimum, inv-norm transformed)	607387	NA	NA	118992	NA	NA	57794	NA	NA	6384	NA	NA	424217	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
BNP_Max_INT	qt	AFGE	Labo	Labo	brain natriuretic peptide (BNP, maximum, inv-norm transformed)	31084	NA	NA	2501	NA	NA	2501	NA	NA	NA	NA	NA	22757	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
BNP_Mean_INT	qt	AFGE	Labo	Labo	brain natriuretic peptide (BNP, mean, inv-norm transformed)	31083	NA	NA	2503	NA	NA	2503	NA	NA	NA	NA	NA	22757	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
BNP_Min_INT	qt	AFGE	Labo	Labo	brain natriuretic peptide (BNP, minimum, inv-norm transformed)	31052	NA	NA	2502	NA	NA	2502	NA	NA	NA	NA	NA	22755	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
BUN_BSP_Max_INT	qt	ALL	Labo	Labo	blood urea nitrogen (BUN, maximum, inv-norm transformed)	598849	NA	NA	117530	NA	NA	6277	NA	NA	6277	NA	NA	418135	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
BUN_BSP_Mean_INT	qt	ALL	Labo	Labo	blood urea nitrogen (BUN, mean, inv-norm transformed)	598920	NA	NA	117876	NA	NA	6288	NA	NA	6288	NA	NA	418647	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
BUN_BSP_Min_INT	qt	ALL	Labo	Labo	blood urea nitrogen (BUN, minimum, inv-norm transformed)	601815	NA	NA	117876	NA	NA	6288	NA	NA	6288	NA	NA	419118	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
CabrSt	binary	AFGE	Surveys	Disease Diagnosis	Takes medication for breast cancer?	371173	2088	369085	55505	439	55066	NA	NA	NA	NA	NA	NA	314019	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
CabrStMed	binary	AFGE	Surveys	Disease Diagnosis	Takes medication for breast cancer?	371173	1447	369726	55505	377	55128	NA	NA	NA	NA	NA	NA	314088	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
CaColon	binary	AFGE	Surveys	Disease Diagnosis	Colon Cancer/Rectal Cancer	371173	878	392146	54629	878	54629	29314	40	28913	NA	NA	NA	308624	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
CaColonMed	binary	AFGE	Surveys	Disease Diagnosis	Takes medication for colon cancer/rectal cancer?	371173	1893	369280	55505	435	55070	NA	NA	NA	NA	NA	NA	314210	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Calcium_mg_Max_INT	qt	ALL	Labo	Labo	calcium (maximum, inv-norm transformed)	355606	NA	NA	74104	NA	NA	26929	NA	NA	3654	NA	NA	250919	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Calcium_mg_Mean_INT	qt	ALL	Labo	Labo	calcium (mean, inv-norm transformed)	355553	NA	NA	74137	NA	NA	26932	NA	NA	3653	NA	NA	250885	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Calcium_mg_Min_INT	qt	ALL	Labo	Labo	calcium (minimum, inv-norm transformed)	355600	NA	NA	74180	NA	NA	26937	NA	NA	3653	NA	NA	250972	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
CaLung	binary	AFGE	Surveys	Disease Diagnosis	Lung Cancer	371173	45555	366618	55505	547	54958	NA	NA	NA	NA	NA	NA	315668	4008	311660	NOT_SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
CaLungMed	binary	AFGE	Surveys	Disease Diagnosis	Takes medication for lung cancer?	371173	2049	369124	55505	415	55090	NA	NA	NA	NA	NA	NA	315668	1634	314034	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
CaOsteo	binary	AFGE	Surveys	Disease Diagnosis	Other circulatory problem	404087	2050	373897	55505	4684	55067	29314	1338	27970	29314	3187	29314	315668	22007	314088	SENSITIVE	NOT_SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE
CaOsteoMed	binary	AFGE	Surveys	Disease Diagnosis	Takes medication for other cancer?	404087	7478	393009	55505	928	54577	29314	439	28875	NA	NA	NA	315668	6111	309557	NOT_SENSITIVE	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE
CaPro	binary	AFGE	Surveys	Disease Diagnosis	Prostate Cancer	367640	36087	331553	48011	5764	42447	26428	1678	24750	NA	NA	NA	293201	28645	264556	NOT_SENSITIVE	NOT_SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE
CaProMed	binary	AFGE	Surveys	Disease Diagnosis	Takes medication for prostate cancer?	367640	36087	331553	48011	5764	42447	26428	1678	24750	NA	NA	NA	293201	28645	264556	NOT_SENSITIVE	NOT_SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE
CdSkin	binary	AFGE	Surveys	Disease Diagnosis	Skin Cancer	404087	56692	343795	55505	431	55074	29314	979	28335	NA	NA	NA	315668	55282	260386	SENSITIVE	NOT_SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE
CdSkinMed	binary	AFGE	Surveys	Disease Diagnosis	Takes medication for skin cancer?	371173	6039	365134	55505	351	55154	NA	NA	NA	NA	NA	NA	315668	5688	30980	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Chloride_BSP_Max_INT	qt	ALL	Labo	Labo	chloride (maximum, inv-norm transformed)	585336	NA	NA	112840	NA	NA	54560	NA	NA	5464	NA	NA	412472	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Chloride_BSP_Mean_INT	qt	ALL	Labo	Labo	chloride (mean, inv-norm transformed)	585336	NA	NA	112840	NA	NA	54560	NA	NA	5464	NA	NA	412472	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Chloride_BSP_Min_INT	qt	ALL	Labo	Labo	chloride (minimum, inv-norm transformed)	585209	NA	NA	112827	NA	NA	54565	NA	NA	5467	NA	NA	412365	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
CircCAD	binary	ALL	Surveys	Disease Diagnosis	Coronary Artery / Coronary Heart Disease (including heart attack, angina)	404034	61575	342459	55505	5298	50207	29314	3187	26207	29314	3187	26207	3547	329	3166	315668	52789	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
CircCADMed	binary	AFGE	Surveys	Disease Diagnosis	Takes medication for coronary artery / coronary heart disease?	404034	61575	342459	55505	5298	50207	29314	3187	26207	29314	3187	26207	3547	329	3166	315668	52789	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
CircCHF	binary	AFGE	Surveys	Disease Diagnosis	Congestive Heart Failure	404087	23764	373723	55505	3230	52499	29314	1184	28130	NA	NA	NA	315668	19350	296318	NOT_SENSITIVE	NOT_SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE
CircCHFMed	binary	AFGE	Surveys	Disease Diagnosis	Takes medication for congestive heart failure?	404087	21270	379217	55505	3006	52499	29314	1122	28192	NA	NA	NA	315668	17602	298626	NOT_SENSITIVE	NOT_SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE
CircChol	binary	ALL	Surveys	Disease Diagnosis	High Cholesterol	404034	221526	182508	55505	28037	17458	29314	14887	14427	3547	1998	1549	315668	17604	159684	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
CircCholMed	binary	AFGE	Surveys	Disease Diagnosis	Takes medication for high cholesterol?	404034	221526	182508	55505	28037	17458	29314	14887	14427	3547	1998	1549	315668	17604	159684						

GIOMed	binary	ATAFE	Surveys	Disease Diagnosis	Takes medication for other digestive system problems?	400487	10234	390253	55505	1572	53933	29314	815	28499	NA			215668	7847	307821	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
GIPolyp	binary	ALL	Surveys	Disease Diagnosis	Colon Polyps	400434	88187	315847	55505	8522	46983	29314	5301	24013	3547	627	2920	315668	73737	241931	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
GIPolypMed	binary	ATAFE	Surveys	Disease Diagnosis	Takes medication for colon polyps	400487	6035	394452	55505	1153	54352	29314		28825	NA			315668	4393	311275	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
GIReflux	binary	ALL	Surveys	Disease Diagnosis	Acid Reflux/GERD	400434	131730	270304	55505	16122	39378	29314		20458		800	2747	315668	107942	207726	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
GIRefluxMed	binary	ALL	Surveys	Disease Diagnosis	Takes medication for acid reflux/GERD?	400434	297934	42891	55505	12614	22544	29314		22544		581	2966	315668	22933	22933	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
GIUC	binary	ATAFE	Surveys	Disease Diagnosis	Ulcerative Colitis	400487	5103	395384	55505	513		29314		28976	NA			315668	4252	311416	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
GIUCMed	binary	ATAFE	Surveys	Disease Diagnosis	Takes medication for ulcerative colitis?	400487	3308	397129	55505	491	55014	29314		29072	NA			315668	2625	313043	SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
GIUlcer	binary	ATAFE	Surveys	Disease Diagnosis	Peptic Ulcers	400487	13968	38619	55505	3076	53439	29314		28351	NA			315668	10929	304719	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
GIUlcerMed	binary	ATAFE	Surveys	Disease Diagnosis	Takes medication for peptic ulcers?	400487	7163	393324	55505	1221	54284	29314		28804	NA			315668	5432	310236	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Glucose_Fasting_Max_INT	qt	AIE	LABS	LABS	glucose (fasting, maximum, inv-norm transformed)	400487	6721	NA	NA	1447	NA	NA		NA	NA			51274	NA	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Glucose_Fasting_Max_INT	qt	AIE	LABS	LABS	glucose (fasting, maximum, inv-norm transformed)	400487	6721	NA	NA	1447	NA	NA		NA	NA			51274	NA	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Glucose_Fasting_Min_INT	qt	AIE	LABS	LABS	glucose (fasting, minimum, inv-norm transformed)	400487	6706	NA	NA	1440	NA	NA		NA	NA			52566	NA	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Glucose_FS_Max_INT	qt	ATAFE	LABS	LABS	glucose (finger stick, maximum, inv-norm transformed)	400487	106245	NA	NA	106245	NA	10805	NA	NA	NA			69705	NA	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Glucose_FS_Max_INT	qt	ATAFE	LABS	LABS	glucose (finger stick, mean, inv-norm transformed)	400487	106371	NA	NA	25893	NA	10798	NA	NA	NA			69680	NA	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Glucose_FS_Min_INT	qt	ATAFE	LABS	LABS	glucose (finger stick, minimum, inv-norm transformed)	400487	105463	NA	NA	25853	NA	10785	NA	NA	NA			69608	NA	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Glucose_Max_INT	qt	ALL	LABS	LABS	glucose (fasting status unknown, maximum, inv-norm transformed)	400487	106111	NA	NA	57722	NA	10798	NA	NA	6318	NA		419671	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Glucose_Min_INT	qt	ALL	LABS	LABS	glucose (fasting status unknown, mean, inv-norm transformed)	400487	601780	NA	NA	118233	NA	57284	NA	NA	6317	NA		419946	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Glucose_Min_INT	qt	ALL	LABS	LABS	glucose (fasting status unknown, minimum, inv-norm transformed)	400487	600857	NA	NA	118233	NA	57284	NA	NA	6317	NA		419946	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
HCT_Max_INT	qt	ALL	LABS	LABS	hematocrit (maximum, inv-norm transformed)	400487	584623	NA	NA	55837	NA	58476	NA	NA	5964	NA		407836	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
HCT_Max_INT	qt	ALL	LABS	LABS	hematocrit (mean, inv-norm transformed)	400487	584645	NA	NA	55841	NA	58484	NA	NA	5964	NA		407852	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
HCT_Max_INT	qt	ALL	LABS	LABS	hematocrit (minimum, inv-norm transformed)	400487	584647	NA	NA	55841	NA	58484	NA	NA	5964	NA		407854	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
HCV_RNAV_Max_INT	qt	ATAFE	LABS	LABS	hepatitis C virus RNA viral load (HCV_RNAV, maximum, inv-norm transformed)	400487	12350	NA	NA	12350	NA	NA		NA	NA			6531	NA	SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
HCV_RNAV_Max_INT	qt	ATAFE	LABS	LABS	hepatitis C virus RNA viral load (HCV_RNAV, mean, inv-norm transformed)	400487	12365	NA	NA	12365	NA	1235	NA	NA	NA			6533	NA	SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
HCV_RNAV_Min_INT	qt	ATAFE	LABS	LABS	hepatitis C virus RNA viral load (HCV_RNAV, minimum, inv-norm transformed)	400487	12382	NA	NA	12382	NA	1234	NA	NA	NA			6531	NA	SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
HDL_Max_INT	qt	ALL	LABS	LABS	high density lipoprotein cholesterol (HDL, maximum, inv-norm transformed)	400487	571546	NA	NA	54914	NA	6005	NA	NA	6005	NA		404122	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
HDL_Max_INT	qt	ALL	LABS	LABS	high density lipoprotein cholesterol (HDL, maximum, inv-norm transformed)	400487	571825	NA	NA	113085	NA	54914	NA	NA	6005	NA		404121	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
HDL_Min_INT	qt	ALL	LABS	LABS	high density lipoprotein cholesterol (HDL, minimum, inv-norm transformed)	400487	578125	NA	NA	113085	NA	54914	NA	NA	6005	NA		404121	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Height_Max_INT	qt	ALL	Vitals	Vitals	height (maximum, inv-norm transformed)	400487	607511	NA	NA	607511	NA	57810	NA	NA	6384	NA		424305	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Height_Max_INT	qt	ALL	Vitals	Vitals	height (mean, inv-norm transformed)	400487	607511	NA	NA	12012	NA	57810	NA	NA	6384	NA		424305	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Height_Min_INT	qt	ALL	Vitals	Vitals	height (minimum, inv-norm transformed)	400487	607512	NA	NA	12012	NA	57810	NA	NA	6384	NA		424305	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
HegHSRcM_INT	qt	ALL	Surveys	Vitals	What's your height? (cm, inv-norm transformed)	400487	364553	NA	NA	51137	NA	27055	NA	NA	3160	NA		28251	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Hemoglobin_Max_INT	qt	ALL	LABS	LABS	hemoglobin (maximum, inv-norm transformed)	400487	584684	NA	NA	114868	NA	58484	NA	NA	5964	NA		407894	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Hemoglobin_Max_INT	qt	ALL	LABS	LABS	hemoglobin (mean, inv-norm transformed)	400487	584680	NA	NA	114868	NA	58484	NA	NA	5964	NA		407894	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Hemoglobin_Min_INT	qt	ALL	LABS	LABS	hemoglobin (minimum, inv-norm transformed)	400487	584680	NA	NA	114868	NA	58484	NA	NA	5964	NA		407894	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
HVBlindMed	binary	ATAFE	Surveys	Disease Diagnosis	all causes	400487	8206	392281	55505	1285	54210	29314		28531	NA			315668	613	20930	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
HVBlindMed	binary	ATAFE	Surveys	Disease Diagnosis	Takes medication for blindness, all causes?	400487	397627	NA	55505	660	54845	29314	258	29506	NA			315668	1942	313726	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
HVCat	binary	ALL	Surveys	Disease Diagnosis	Cataracts	400434	105395	296839	55505	8261	47244	29314	5591	23723	3547	775	2772	315668	90768	224800	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
HVCatMed	binary	ATAFE	Surveys	Disease Diagnosis	Takes medication for Cataracts?	400487	29585	397685	55505	2092	53413	29314		28582	NA			315668	7083	308805	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
HVGlau	binary	ALL	Surveys	Disease Diagnosis	Takes medication for Glaucoma?	400434	29487	374547	55505	4661	48644	29314		27107	NA			315668	20907	295278	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
HVGlauMed	binary	ALL	Surveys	Disease Diagnosis	Takes medication for Glaucoma?	400434	20154	381880	55505	4849	50656	29314	1360	27954	3547	775	2772	315668	13744	301924	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
HVHear	binary	ALL	Surveys	Disease Diagnosis	Severe hearing loss or partial deafness in one or both ears	400434	122188	381846	55505	7719	47786	29314	7542	21772	3547	201	3345	315668	106155	209913	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
HVHearMed	binary	ATAFE	Surveys	Disease Diagnosis	Takes medication for severe hearing loss or partial deafness in one or both ears?	400487	54242	384045	55505	609	2745	29314		28502	NA			315668	10007	305661	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
HVMD	binary	ATAFE	Surveys	Disease Diagnosis	Macular Degeneration	400487	20132	380385	55505	1691	53814	29314	1122	28192	NA			315668	17289	298979	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
HVMDMed	binary	ATAFE	Surveys	Disease Diagnosis	Takes medication for Macular Degeneration?	400487	9112	391375	55505	840	54665	29314	452	28882	NA			315668	7820	307848	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
HVTrM	binary	ALL	Surveys	Vitals	What's ringing in the ear?	400487	114031	210121	55505	114031	210121	29314		28882	NA			315668	114031	210121	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
HVTrMMed	binary	ATAFE	Surveys	Disease Diagnosis	Takes medication for tinnitus or ringing in the ears?	400487	8098	392389	55505	1503	54002	29314	746	26568	NA			315668	5849	309819	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
INR_Max_INT	qt	ALL	LABS	LABS	PT international normalized ratio (INR, maximum, inv-norm transformed)	400487	249321	NA	NA	1798	NA	2186	NA	NA	NA			165985	NA	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
INR_Max_INT	qt	ALL	LABS	LABS	PT international normalized ratio (INR, mean, inv-norm transformed)	400487	249321	NA	NA	1798	NA	2186	NA	NA	NA			165956	NA	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
INR_Max_INT	qt	ALL	LABS	LABS	PT international normalized ratio (INR, minimum, inv-norm transformed)	400487	249321	NA	NA	1798	NA	2186	NA	NA	NA			165956	NA	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Iron_Max_INT	qt	ALL	LABS	LABS	iron (maximum, inv-norm transformed)	400487	127440	NA	NA	30676	NA	1127	NA	NA	NA			84123	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Iron_Max_INT	qt	ALL	LABS	LABS	iron (mean, inv-norm transformed)	400487	127440	NA	NA	30676	NA	1127	NA	NA	NA			84123	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Iron_Max_INT	qt	ALL	LABS	LABS	iron (minimum, inv-norm transformed)	400487	127440	NA	NA	30676	NA	1127	NA	NA	NA			84123	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
KDacute	binary	ATAFE	Surveys	Disease Diagnosis	Acute kidney disease with no current dialysis	400487	5301	395186	55505	1139	54366	29314	427	28887	NA			315668	3735	311933	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
KDacuteMed	binary	ATAFE	Surveys	Disease Diagnosis	Takes medication for acute kidney disease with no current dialysis?	400487	2807	397400	55505	715	54790	29314	254	29090	NA			315668	1738	313390	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
KDDial	binary	ATAFE	Surveys	Disease Diagnosis	Kidney disease with dialysis	400487	39402	397685	55505	873	54632	29314	289	29025	NA			315668	2040</								

NSTBI	binary	ATAE	Surveys	Disease Diagnosis	Traumatic Brain Injury (TBI)	400487	13671	388816	55505	1612	52893	29314	1499	27815	NA	NA	NA	215668	10560	305008	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
NSTBIMed	binary	ATAE	Surveys	Disease Diagnosis	Takes medication for Traumatic Brain Injury (TBI)?	400487	3273	397214	55505	637	54868	29314	355	28959	NA	NA	NA	315668	2281	313387	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PgCaBrst	binary	ATAE	Surveys	Family History	Biological Grandparent (paternal): Cancer, Breast	400487	5685	394802	55505	623	54882	29314	359	28955	NA	NA	NA	315668	5083	310965	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PgCaColo	binary	ATAE	Surveys	Family History	Biological Grandparent (paternal): Cancer, Colon	400487	5685	394802	55505	612	54883	29314	390	28824	NA	NA	NA	315668	5089	308079	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PgCaLung	binary	ATAE	Surveys	Family History	Biological Grandparent (paternal): Cancer, Lung	400487	5685	394802	55505	626	54883	29314	444	28824	NA	NA	NA	315668	4390	308758	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PgCaOth	binary	ATAE	Surveys	Family History	Biological Grandparent (paternal): Cancer, all others	400487	18013	382474	55505	1205	54875	29314	1077	28237	NA	NA	NA	315668	15710	299958	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PgCaPro	binary	ATAE	Surveys	Family History	Biological Grandparent (paternal): Cancer, Prostate	400487	6248	394239	55505	819	54886	29314	402	28912	NA	NA	NA	315668	5027	310641	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PgCaTIA	binary	ATAE	Surveys	Family History	Biological Grandparent (paternal): Coronary Artery / Coronary Heart Disease	400487	13952	379593	55505	1547	54877	29314	1547	27782	NA	NA	NA	315668	2654	286124	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PgCaCrChol	binary	ATAE	Surveys	Family History	Biological Grandparent (paternal): High cholesterol	400487	11627	388860	55505	1505	53977	29314	1037	28277	NA	NA	NA	315668	9062	306066	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PgCaCrHTN	binary	ALL	Surveys	Family History	Biological Grandparent (paternal): High blood pressure	400487	25415	378619	55505	4271	51234	29314	1825	27489	3547	237	3310	315668	19082	296086	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PgCaCrTIA	binary	ATAE	Surveys	Family History	Biological Grandparent (paternal): Stroke / Transient Ischemic Attack (TIA)	400487	53780	378619	55505	1007	51234	29314	1825	27489	3547	237	3310	315668	19082	296086	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PgCaDASH	binary	ATAE	Surveys	Family History	Biological Grandparent (paternal): Asthma	400487	3699	396788	55505	474	55031	29314	274	29040	NA	NA	NA	315668	2951	312717	SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PgCaDoM	binary	ATAE	Surveys	Family History	Biological Grandparent (paternal): Diabetes / "Sugar"	400487	25658	374829	55505	3515	51909	29314	2261	27053	NA	NA	NA	315668	19882	295786	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PgCaDoL	binary	ATAE	Surveys	Family History	Biological Grandparent (paternal): Kidney Disease	400487	2582	397905	55505	408	55097	29314	220	29094	NA	NA	NA	315668	19882	313714	SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PgCaDoLung	binary	ATAE	Surveys	Family History	Biological Grandparent (paternal): Liver Condition	400487	2751	397736	55505	479	55031	29314	220	29094	NA	NA	NA	315668	2223	313465	SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PgCaDoLung	binary	ATAE	Surveys	Family History	Biological Grandparent (paternal): Chronic Lung Disease including COPD, Emphysema or Bronchitis	400487	2751	397736	55505	479	55031	29314	220	29094	NA	NA	NA	315668	2223	313465	SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PgCaMHPD	binary	ATE	Surveys	Family History	Biological Grandparent (paternal): Bipolar Disorder	371173	1285	360888	55505	210	55295	NA	NA	NA	NA	NA	NA	315668	1075	314093	SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PgCaMHPD	binary	ATAE	Surveys	Family History	Biological Grandparent (paternal): Depression	400487	5615	395653	55505	581	54904	29314	348	28883	NA	NA	NA	315668	4623	311045	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PgCaNSAI	binary	ATAE	Surveys	Family History	Biological Grandparent (paternal): Alzheimer's / Other Dementia	400487	16738	383749	55505	1577	55031	29314	1043	28814	NA	NA	NA	315668	14118	301550	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_008	binary	ATAE	PhCodes	Infectious Diseases	Intestinal infection	608646	12833	595813	116287	2456	113831	57259	1169	56090	NA	NA	NA	435100	42088	425892	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_008_5	binary	ATAE	PhCodes	Infectious Diseases	Bacterial enteritis	625958	7482	617596	120314	1174	110400	59093	660	58433	NA	NA	NA	435100	3528	440223	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_008_52	binary	ATAE	PhCodes	Infectious Diseases	Intestinal infection due to C. difficile	627851	6315	615136	120946	1004	115042	59486	601	58985	NA	NA	NA	442119	4810	424009	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_008_6	binary	ATE	PhCodes	Infectious Diseases	Viral Enteritis	561531	11938	561738	119258	466	118792	NA	NA	NA	NA	NA	NA	444273	1327	442946	SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_010	binary	ATAE	PhCodes	Infectious Diseases	Tuberculosis	628023	1717	625066	120010	1302	118708	59388	306	59082	NA	NA	NA	444273	148805	447276	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_010	binary	ATAE	PhCodes	Infectious Diseases	Septicemia	611460	30860	580504	117051	5929	111662	59388	2669	55287	NA	NA	NA	444273	435013	447276	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_038_1	binary	ATAE	PhCodes	Infectious Diseases	Gram negative septicemia	627097	3248	623649	122123	693	120017	59332	298	59034	NA	NA	NA	447055	2457	444598	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_038_2	binary	ATE	PhCodes	Infectious Diseases	Gram positive septicemia	569928	3114	567814	122123	455	120738	NA	NA	NA	NA	NA	NA	447055	1659	447056	SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_038_3	binary	ATAE	PhCodes	Infectious Diseases	Intestinal NOS	569928	3114	567814	122123	455	120738	NA	NA	NA	NA	NA	NA	447055	1659	447056	SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_041	binary	ATAE	PhCodes	Infectious Diseases	Bacterial infection NOS	569928	3114	567814	122123	455	120738	NA	NA	NA	NA	NA	NA	447055	1659	447056	SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_041_1	binary	ATAE	PhCodes	Infectious Diseases	Staphylococcus infections	569928	3114	567814	122123	455	120738	NA	NA	NA	NA	NA	NA	447055	1659	447056	SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_041_11	binary	ATAE	PhCodes	Infectious Diseases	Methicillin sensitive Staphylococcus aureus	569928	3114	567814	122123	455	120738	NA	NA	NA	NA	NA	NA	447055	1659	447056	SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_041_11	binary	ATAE	PhCodes	Infectious Diseases	Methicillin resistant Staphylococcus aureus	569928	3114	567814	122123	455	120738	NA	NA	NA	NA	NA	NA	447055	1659	447056	SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_041_2	binary	ATAE	PhCodes	Infectious Diseases	Streptococcus	569928	3114	567814	122123	455	120738	NA	NA	NA	NA	NA	NA	447055	1659	447056	SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_041_4	binary	ATAE	PhCodes	Infectious Diseases	E. coli	569928	3114	567814	122123	455	120738	NA	NA	NA	NA	NA	NA	447055	1659	447056	SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_041_4	binary	ATAE	PhCodes	Infectious Diseases	E. coli	569928	3114	567814	122123	455	120738	NA	NA	NA	NA	NA	NA	447055	1659	447056	SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_041_9	binary	ATE	PhCodes	Infectious Diseases	Infection with drug-resistant microorganisms	569928	3114	567814	122123	455	120738	NA	NA	NA	NA	NA	NA	447055	1659	447056	SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_053	binary	ATAE	PhCodes	Infectious Diseases	Herpes zoster	609422	15410	594012	118452	2466	115986	57876	1421	56455	NA	NA	NA	430904	2523	421571	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_053_1	binary	ATAE	PhCodes	Infectious Diseases	Herpes zoster with nervous system complications	609422	15410	594012	118452	2466	115986	57876	1421	56455	NA	NA	NA	430904	2523	421571	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_054	binary	ATAE	PhCodes	Infectious Diseases	Herpes simplex	609422	15410	594012	118452	2466	115986	57876	1421	56455	NA	NA	NA	430904	2523	421571	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_070	binary	ALL	PhCodes	Infectious Diseases	Viral hepatitis	611942	40064	591878	119098	14472	105436	59002	4141	54861	NA	NA	NA	446278	21092	425186	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_070_2	binary	ALL	PhCodes	Infectious Diseases	Viral hepatitis B	611942	40064	591878	119098	14472	105436	59002	4141	54861	NA	NA	NA	446278	21092	425186	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_070_2	binary	ALL	PhCodes	Infectious Diseases	Viral hepatitis B	611942	40064	591878	119098	14472	105436	59002	4141	54861	NA	NA	NA	446278	21092	425186	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_070_9	binary	ATAE	PhCodes	Infectious Diseases	Chronic hepatitis	625744	3489	621520	119972	1108	118884	59052	514	56338	NA	NA	NA	446278	21092	425186	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_079	binary	ATAE	PhCodes	Infectious Diseases	Intestinal NOS	569928	3114	567814	122123	455	120738	NA	NA	NA	NA	NA	NA	446278	21092	425186	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_079	binary	ATAE	PhCodes	Infectious Diseases	Viral infection	599307	9705	589602	113752	2635	111117	56055	1289	54766	NA	NA	NA	429500	6781	427319	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_080	binary	ATAE	PhCodes	Infectious Diseases	Postoperative infection	622491	880	614691	120222	1125	119097	59093	560	58533	NA	NA	NA	443176	5115	437061	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_081	binary	ATAE	PhCodes	Infectious Diseases	Injury/inflammation of internal prosthetic device; implant; and graft	628698	980	624308	121022	939	120083	59564	353	59211	NA	NA	NA	443176	5115	437061	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_090	binary	ATAE	PhCodes	Infectious Diseases	Persons with potential health hazards related to socioeconomic, psychosocial, and other circumstances	628698	980	624308	121022	939	120083	59564	353	59211	NA	NA	NA	443176	5115	437061	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_1000	binary	ATAE	PhCodes	Injuries and Poisonings	Burns	621964	6955	615009	119304	1757	117547	58869	550	58319	NA	NA	NA	443176	5115	437061	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_1001	binary	ATAE	PhCodes	Injuries and Poisonings	Foreign body injury	621964	6955	615009	119304	1757	117547	58869	550	58319	NA	NA	NA	443176	5115	437061	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_1001	binary	ATAE	PhCodes	Injuries and Poisonings	Foreign body injury	621964	6955	615009</																			

Pho_209	binary	ATAE	PhoCodes	Neoplasms	Neuroendocrine tumors	572842	751	572091	121812	211	121601 NA	NA	NA	NA	NA	451030	540	450890 SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_210	binary	ATAE	PhoCodes	Neoplasms	Benign neoplasm of lip, oral cavity, and pharynx	621509	4193	621716	120669	767	119902	59339	307	59032 NA	NA	NA	445901	3119	442782 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_211	binary	ATAE	PhoCodes	Neoplasms	Benign neoplasm of other parts of digestive system	615402	197583	615402	118773	980	118773	58847	407	58840 NA	NA	NA	441884	3699	438189 NOT_SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_212	binary	ATAE	PhoCodes	Neoplasms	Benign neoplasm of respiratory and intrathoracic organs	570282	1704	568538	121299	405	120878	NA	NA	NA	NA	NA	440863	1295	447684 SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_213	binary	ATAE	PhoCodes	Neoplasms	Benign neoplasm of bone and articular cartilage	620442	865	620527 NA	121225	1020	121225	NA	NA	NA	NA	NA	450517	717	448500 SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_214	binary	ATAE	PhoCodes	Neoplasms	Lipoma	608502	22485	580607	117041	5753	111288	57820	2094	55726 NA	NA	NA	433641	16468	418993 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_214.1	binary	ATAE	PhoCodes	Neoplasms	Lipoma of skin and subcutaneous tissue	618295	11464	606831	118575	2946	115629	58641	1123	57518 NA	NA	NA	441079	7935	433884 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_215	binary	ATAE	PhoCodes	Neoplasms	Other benign neoplasm of connective and other soft tissue	618014	9619	618019	118776	286	118776	58789 NA	221	58789 NA	NA	NA	444139	2321	438208 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_216	binary	ALL	PhoCodes	Neoplasms	Benign neoplasm of skin	571394	45695	572799	113865	3834	110031	54739	2867	51872	6369	6143	398521	38768	359753 NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_216.1	binary	ATAE	PhoCodes	Neoplasms	Screening for malignant neopla	606750	14479	592721	119211	1017	118134	58363	632	57731 NA	NA	NA	429176	12830	416346 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_217	binary	ATAE	PhoCodes	Neoplasms	Neurofibromatosis and non-neoplastic nevi	519531	14053	519531	120552	611	120552	58552 NA	611	58552 NA	NA	NA	440675	13491	422515 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_217.1	binary	ATAE	PhoCodes	Neoplasms	Nevus, non-neoplastic	600135	14501	585634	119781	610	119171	57387	823	56564 NA	NA	NA	422967	13068	409899 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_218	binary	ATAE	PhoCodes	Neoplasms	Benign neoplasm of uterus	512740	5936	46804	115923	3542	115923	57635	530	5205 NA	NA	NA	31540	1864	29676 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_218.1	binary	ATAE	PhoCodes	Neoplasms	Uterine leiomyoma	53046	5805	47241	115525	3503	12022	5777	519	5258 NA	NA	NA	31744	1743	29961 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_222	binary	ATAE	PhoCodes	Neoplasms	Benign neoplasm of male genital organs	610923	6108	610923	120187	1300	120187	52083	514	52083 NA	NA	NA	420507	1284	405000 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_223	binary	ATAE	PhoCodes	Neoplasms	Benign neoplasm of kidney and other urinary organs	565958	6108	565958	120916	340	120916	NA	NA	NA	NA	NA	448342	1413	446629 SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_224	binary	ATAE	PhoCodes	Neoplasms	Benign neoplasm of eye	620665	22282	598383	120648	1240	119408	58987	1294	57693 NA	NA	NA	441030	19748	421282 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_224.1	binary	ATAE	PhoCodes	Neoplasms	Benign neoplasm of eye, eyelid	621545	20824	610821	121590	1038	120532	59198	1126	58176 NA	NA	NA	442157	18840	423267 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_225	binary	ATAE	PhoCodes	Neoplasms	Benign neoplasm of brain and other parts of nervous system	620889	3850	627039	120585	656	120585	59719	314	59405 NA	NA	NA	440659	2880	446779 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_225.1	binary	ATAE	PhoCodes	Neoplasms	Benign neoplasm of brain, cranial nerves, meninges	631104	3628	627476	121544	613	120931	59737	299	59438 NA	NA	NA	449823	2716	447107 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_226	binary	ATAE	PhoCodes	Neoplasms	Benign neoplasm of thyroid glands	571550	10485	570505	121484	281	121213 NA	NA	NA	NA	NA	NA	440256	764	449292 SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_227	binary	ATAE	PhoCodes	Neoplasms	Benign neoplasm of other endocrine glands and other related structures	620447	8119	620368	120836	392	121065	59586	680	59806 NA	NA	NA	440802	5212	442850 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_227.1	binary	ATAE	PhoCodes	Neoplasms	Benign neoplasm of adrenal gland	630183	3908	626275	121230	1058	120172	59746	245	59501 NA	NA	NA	449207	2605	446602 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_227.3	binary	ATAE	PhoCodes	Neoplasms	Benign neoplasm of pituitary gland and craniopharyngeal duct (pouch)	621562	3343	626219	121274	989	120785	59838	378	59460 NA	NA	NA	450590	1976	448874 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_228	binary	ATAE	PhoCodes	Neoplasms	Hemangiomas and lymphangiomas, any site	620658	11340	620658	119818	676	119818	58932	499	57770 NA	NA	NA	410738	10016	420595 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_228.1	binary	ATAE	PhoCodes	Neoplasms	Hemangioma of skin and subcutaneous tissue	489404	6603	488281 NA	NA	NA	NA	58932	281	58651 NA	NA	NA	435972	6342	429630 NA	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_240	binary	ATAE	PhoCodes	Endocrine or Metabolic	Simple and unspecified goiter	570042	2924	567138	120785	1259	119526 NA	NA	NA	NA	NA	NA	449257	1645	447612 NOT_SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_241	binary	ATAE	PhoCodes	Endocrine or Metabolic	Endocrine nodular goiter	621545	20824	610821	121590	1038	120532	59198	1126	58176 NA	NA	NA	442157	18840	423267 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_241.1	binary	ATAE	PhoCodes	Endocrine or Metabolic	Nontoxic uninodular goiter	625682	17492	608190	120182	4160	116022	59378	1180	58198 NA	NA	NA	446122	12152	433970 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_241.2	binary	ATAE	PhoCodes	Endocrine or Metabolic	Nontoxic multinodular goiter	619543	9031	619543	120702	2803	117899	59662	407	59202 NA	NA	NA	448210	5768	442442 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_242	binary	ATAE	PhoCodes	Endocrine or Metabolic	Thyroiditis with or without goiter	626884	8951	617933	120502	2690	117812	59436	795	58701 NA	NA	NA	446948	5526	441420 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_242.1	binary	ATAE	PhoCodes	Endocrine or Metabolic	Thyroiditis, chronic	620511	2911	620511	120515	1054	120515	59071	590	59411 NA	NA	NA	448977	1672	448977 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_242.2	binary	ATAE	PhoCodes	Endocrine or Metabolic	Toxic multinodular goiter	571279	271	571239	121449	271	121449	NA	NA	NA	NA	NA	451057	367	450890 SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_242.3	binary	ATAE	PhoCodes	Endocrine or Metabolic	Exophthalmos	571693	1322	570371	121277	612	120665 NA	NA	NA	NA	NA	NA	450416	710	449706 NOT_SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_244	binary	ATAE	PhoCodes	Endocrine or Metabolic	Secondary hypothyroidism	620617	76897	620617	121267	612	120665 NA	NA	NA	NA	NA	NA	441155	2821	438211 NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_244.1	binary	ATAE	PhoCodes	Endocrine or Metabolic	Acquired hypothyroidism	630633	61923	624440	121433	1469	120954	59733	504	59438 NA	NA	NA	449467	4220	445247 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_244.2	binary	ATAE	PhoCodes	Endocrine or Metabolic	Acquired hypothyroidism NOS	626175	716	621064	121064	716	120348	59288	NA	NA	NA	NA	445823	5000	440823 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_244.4	binary	ATAE	PhoCodes	Endocrine or Metabolic	Thyroiditis NOS	635664	78864	620581	121752	7099	121752	58787	583	58787 NA	6756	369	61774	60573	380701 NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_246	binary	ATAE	PhoCodes	Endocrine or Metabolic	Other disorders of thyroid	620916	2522	620916	121457	392	121457	59493	NA	NA	NA	NA	447886	1206	447886 SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_246.7	binary	ATAE	PhoCodes	Endocrine or Metabolic	Abnormal results of function study of thyro	621896	5917	617979	121976	350	121976	59204	411	58793 NA	NA	NA	444886	3866	441120 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_250	binary	ALL	PhoCodes	Endocrine or Metabolic	Diabetes mellitus	621674	6131	615543	119702	1431	118771	58942	460	58482 NA	NA	NA	440330	2420	438790 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_250.1	binary	ATAE	PhoCodes	Endocrine or Metabolic	Diabetes mellitus	621896	5917	617979	121976	350	121976	59204	411	58793 NA	NA	NA	444886	3866	441120 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_250.12	binary	ATAE	PhoCodes	Endocrine or Metabolic	Type 1 diabetes with ketoacidosis	600208	2517	583311	115861	6451	109410	57429	2295	55314 NA	NA	NA	431705	154958	276347 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_250.12.1	binary	ATAE	PhoCodes	Endocrine or Metabolic	Type 1 diabetes with renal manifestations	621896	5917	617979	121976	350	121976	59204	411	58793 NA	NA	NA	444886	3866	441120 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_250.12.2	binary	ATAE	PhoCodes	Endocrine or Metabolic	Type 1 diabetes with ophthalmic manifestations	621896	5917	617979	121976	350	121976	59204	411	58793 NA	NA	NA	444886	3866	441120 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_250.14	binary	ATAE	PhoCodes	Endocrine or Metabolic	Type 1 diabetes with neurological manifestations	621896	5917	617979	121976	350	121976	59204	411	58793 NA	NA	NA	444886	3866	441120 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_250.22	binary	ATAE	PhoCodes	Endocrine or Metabolic	Type 2 diabetes with ketoacidosis	627732	4968	627264	120757	847	119910	59407	2009	59098 NA	NA	NA	447568	3812	443756 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_250.22.1	binary	ATAE	PhoCodes	Endocrine or Metabolic	Type 2 diabetes with ketoacidosis	627732	4968	627264	120757	847	119910	59407	2009	59098 NA	NA	NA	447568	3812	443756 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_250.22.2	binary	ATAE	PhoCodes	Endocrine or Metabolic	Type 2 diabetes with renal manifestations	627732	4968	627264	120757	847	119910	59407	2009	59098 NA	NA	NA	447568	3812	443756 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_250.22.3	binary	ATAE	PhoCodes	Endocrine or Metabolic	Type 2 diabetes with neurological manifestations	627732	4968	627264	120757	847	119910	59407	2009	59098 NA	NA	NA	447568	3812	443756 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_250.22.4	binary	ATAE	PhoCodes	Endocrine or Metabolic	Type 2 diabetes with ophthalmic manifestations	627732	4968	627264	120757	847	119910	59407	2009	59098 NA	NA	NA	447568	3812	443756 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_250.22.5	binary	ATAE	PhoCodes	Endocrine or Metabolic	Type 2 diabetes with neurological manifestations	627732	4968	627264	120757	847	119910	59407	2009	59098 NA	NA	NA	447568	3812	443756 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_250.23	binary	ATAE	PhoCodes	Endocrine or Metabolic	Diabetes type 2 with peripheral circulatory	619543	9031	619543	120702	2803	117899	59662	407	59202 NA	NA	NA	448210	5768	442442 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE		

Phr_285_1	binary	AI/FE	PhrCodes	Hematopoietic	Acute posthemorrhagic anemia	614701	8601	600100	118215	1855	116380	58537	617	57920 NA	NA	NA	61799	437949	6129	431820 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_285_2	binary	ALL	PhrCodes	Hematopoietic	Anemia of chronic disease	620257	26088	591469	117060	7782	109878	58486	208	56346	6740	208	6532	437971	15958	422013 NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_285_21	binary	AI/FE	PhrCodes	Hematopoietic	Anemia in chronic kidney disease	624256	14241	609105	119668	5158	114510	59284	1419	57855 NA	NA	NA	8844	445574	8844	436730 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_285_22	binary	AI/FE	PhrCodes	Hematopoietic	Anemia in neoplastic disease	646912	56782	646912	119670	5158	114510	59284	1419	57855 NA	NA	NA	190781	446790 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_286	binary	AI/FE	PhrCodes	Hematopoietic	Coagulation defects	617206	28679	601130	118839	2785	116155	58784	193483	NA	NA	NA	12262	439483	12262	427221 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_286_2	binary	AI/FE	PhrCodes	Hematopoietic	Encounter for long-term (current) use of anticoagulants	620623	51828	568795	119845	7589	111996	59065	2632	56453 NA	NA	NA	441953	440346 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_286_7	binary	AI/FE	PhrCodes	Hematopoietic	Other and unspecified coagulation disorders	620565	620565	620565	119845	7589	111996	59065	2632	56453 NA	NA	NA	440631	440631 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_286_8	binary	AI/FE	PhrCodes	Hematopoietic	Hypercoagulable state	630887	3414	627473	121480	578	120902	59705	1406	59645 NA	NA	NA	51140	447006 NOT_SENSITIVE	SENSITIVE	SENSITIVE	SENSITIVE	SENSITIVE	SENSITIVE	SENSITIVE	SENSITIVE	SENSITIVE
Phr_286_81	binary	AI/FE	PhrCodes	Hematopoietic	Primary hypercoagulable state	571476	2865	568511	121563	522	121041 NA	59139	NA	NA	NA	NA	440913	447470 NOT_SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_286_9	binary	AI/FE	PhrCodes	Hematopoietic	Abnormal coagulation profile	623334	5287	623334	120151	1016	119135	58513	305	59014 NA	NA	NA	434864	439898 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_287	binary	AI/FE	PhrCodes	Hematopoietic	Purpura and other hemorrhagic conditions	618187	28679	601130	118839	2785	116155	58784	193483	NA	NA	NA	12262	439483	12262	427221 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_287_3	binary	AI/FE	PhrCodes	Hematopoietic	Thrombocytopenia	614191	26208	587893	118469	4335	114134	58372	2318	56054 NA	NA	NA	19555	437195 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_287_31	binary	AI/FE	PhrCodes	Hematopoietic	Primary thrombocytopenia	571731	1786	569495	121654	352	121302 NA	59139	NA	NA	NA	NA	450077	448443 SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_287_32	binary	AI/FE	PhrCodes	Hematopoietic	Secondary thrombocytopenia	571731	1786	569495	121654	352	121302 NA	59139	NA	NA	NA	NA	450077	448443 SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_288	binary	AI/FE	PhrCodes	Hematopoietic	Diseases of white blood cells	596701	25026	571675	115215	4513	115072	56681	1883	59468 NA	NA	NA	24635	440605 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_288_1	binary	AI/FE	PhrCodes	Hematopoietic	Decreased white blood cell count	622486	11373	611113	118742	3735	110707	56165	687	54849 NA	NA	NA	447578	437617 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_288_11	binary	AI/FE	PhrCodes	Hematopoietic	Neutropenia	617024	10264	617024	118243	384	114507	59139	261	59014 NA	NA	NA	441507	440701 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_288_2	binary	AI/FE	PhrCodes	Hematopoietic	Elevated white blood cell count	620648	17950	584698	116548	3112	114346	57336	1344	55992 NA	NA	NA	428764	415270 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_288_3	binary	AI/FE	PhrCodes	Hematopoietic	Eosinophilia	571347	13894	569957	121520	317	121203 NA	59139	NA	NA	NA	NA	448754	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_289	binary	AI/FE	PhrCodes	Hematopoietic	Other diseases of blood and blood-forming organs	620824	5786	635038	119301	1102	120159	58023	373	58600 NA	NA	NA	424240	438179 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_289_4	binary	AI/FE	PhrCodes	Hematopoietic	Lymphoid leukaemia	614191	26208	587893	118469	4335	114134	58372	2318	56054 NA	NA	NA	19555	437195 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_289_5	binary	AI/FE	PhrCodes	Hematopoietic	Diseases of spleen	59047	19024	567047	121544	304	121240 NA	59139	NA	NA	NA	NA	447807	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_289_8	binary	AI/FE	PhrCodes	Hematopoietic	Polydipsia, secondary	628470	4969	624051	121554	452	121102	59701	431	59170 NA	NA	NA	448315	444229 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_290_9	binary	AI/FE	PhrCodes	Hematopoietic	Abnormalities of red blood cells	568811	28679	601130	118839	2785	116155	58784	193483	NA	NA	NA	12262	439483	12262	427221 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_290	binary	AI/FE	PhrCodes	Hematopoietic	Dehydration, anemic and other cognitive disorders	612639	45693	569496	116672	8216	121002	59701	431	59170 NA	NA	NA	448315	444229 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_290_1	binary	AI/FE	PhrCodes	Mental Disorders	Dementias	621936	26481	594545	119849	4671	115178	59041	1955	57086 NA	NA	NA	443046	423191 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_290_10	binary	AI/FE	PhrCodes	Mental Disorders	Alzheimer's disease	621936	26481	594545	119849	4671	115178	59041	1955	57086 NA	NA	NA	443046	423191 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_290_12	binary	AI/FE	PhrCodes	Mental Disorders	Dementia with cerebral degenerations	621936	26481	594545	119849	4671	115178	59041	1955	57086 NA	NA	NA	443046	423191 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_290_16	binary	AI/FE	PhrCodes	Mental Disorders	Vascular dementia	621936	26481	594545	119849	4671	115178	59041	1955	57086 NA	NA	NA	443046	423191 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_290_2	binary	AI/FE	PhrCodes	Mental Disorders	Delirium due to conditions classified elsewhere	621741	7705	610306	119768	1406	118362	5609	639	58026 NA	NA	NA	443057	438607 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_290_11	binary	AI/FE	PhrCodes	Mental Disorders	Other persistent mental disorders due to conditions classified elsewhere	621741	7705	610306	119768	1406	118362	5609	639	58026 NA	NA	NA	443057	438607 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_291	binary	AI/FE	PhrCodes	Mental Disorders	Other specified nonpsychotic and/or transient mental disorders	612287	11008	571675	117841	1859	115882	57852	1325	56527 NA	NA	NA	436594	428770 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_291_1	binary	AI/FE	PhrCodes	Mental Disorders	Transient mental disorder due to conditions classified elsewhere	571726	1121	620209	121583	237	121350 NA	59139	NA	NA	NA	NA	445255	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_291_2	binary	AI/FE	PhrCodes	Mental Disorders	Specific nonpsychotic mental disorders due to brain damage	571726	1121	620209	121583	237	121350 NA	59139	NA	NA	NA	NA	445255	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_291_8	binary	AI/FE	PhrCodes	Mental Disorders	Alteration of consciousness	618545	4102	614443	119028	718	118310	58615	326	58289 NA	NA	NA	440902	437844 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_292	binary	AI/FE	PhrCodes	Mental Disorders	Neurological disorders	589858	82100	507758	112143	15108	127035	58058	47201	57691	6449	618	5831	416199	357691 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_292_1	binary	AI/FE	PhrCodes	Mental Disorders	Aphasia/speech disturbance	610894	17215	599769	118719	3650	115069	58543	1608	58935 NA	NA	NA	439722	427765 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_292_11	binary	AI/FE	PhrCodes	Mental Disorders	Aphasia	610894	17215	599769	118719	3650	115069	58543	1608	58935 NA	NA	NA	439722	427765 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_292_12	binary	AI/FE	PhrCodes	Mental Disorders	Symbolic dysfunction	572392	885	571507	118749	225	121548 NA	59139	NA	NA	NA	NA	440959	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_292_2	binary	AI/FE	PhrCodes	Mental Disorders	Mild cognitive impairment	622426	24873	597553	118960	4130	114830	58167	229	58478	6697	221	6476	438602	420369 NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_292_3	binary	AI/FE	PhrCodes	Mental Disorders	Memory impairment	615863	115846	615863	115846	1973	115846	59139	1401	58935 NA	NA	NA	440959	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_292_4	binary	AI/FE	PhrCodes	Mental Disorders	Altered mental status	588248	20065	588248	116974	4047	112927	58621	14397	58281 NA	NA	NA	439722	419075 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_292_5	binary	AI/FE	PhrCodes	Mental Disorders	Transient alteration of awareness	567056	1909	567147	120617	418	120199 NA	59139	NA	NA	NA	NA	444498	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_292_6	binary	AI/FE	PhrCodes	Mental Disorders	Hallucinations	567056	1909	567147	120617	418	120199 NA	59139	NA	NA	NA	NA	444498	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_293_1	binary	AI/FE	PhrCodes	Mental Disorders	Swelling, numb, or lump in head and neck [Space-occupying lesion, intracranial NOS]	606568	13358	596300	116391	3000	111391	57957	1163	56794 NA	NA	NA	443730	421115 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_295	binary	ALL	PhrCodes	Mental Disorders	Schizophrenia and other psychotic disorders	623318	31975	591343	117959	5180	106379	58280	3372	54908 NA	6760	291	6469	440319	423587 NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_295_2	binary	AI/FE	PhrCodes	Mental Disorders	Schizophrenia	623318	31975	591343	117959	5180	106379	58280	3372	54908 NA	6760	291	6469	440319	423587 NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_295_3	binary	AI/FE	PhrCodes	Mental Disorders	Paranoid schizophrenia	623318	31975	591343	117959	5180	106379	58280	3372	54908 NA	6760	291	6469	440319	423587 NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_295_31	binary	AI/FE	PhrCodes	Mental Disorders	Psychosis	625117	19186	605931	118059	7094	110965	58462	2186	56799 NA	200	6559	441837	432125 NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_296	binary	ALL	PhrCodes	Mental Disorders	Mood disorders	601558	290822	311276	113798	6347	120199	59139	6399	58377	2539	3860	445887	423887 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phr_296_1	binary	ALL	PhrCodes																							



Phe_360_3	binary	AFE	PhCodes	Sense Organs	Hypostony of eye	572827	502	572325	121712	213	121499	NA	NA	NA	NA	NA	451115	289	450826	SENSITIVE	NA	NA	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_361	binary	ALL	PhCodes	Sense Organs	Retinal detachments and defects	572826	18921	610915	119644	4034	115610	58963	1681	57282	6721	213	6508	444508	12993	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE		
Phe_361_1	binary	ATAFE	PhCodes	Sense Organs	Retinal detachment with retinal defect	623885	6099	623885	121352	810	120542	59647	470	59177	NA	NA	NA	448785	470	439696	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_361_2	binary	AFE	PhCodes	Sense Organs	Retinotachia and retinal cysts	572717	2134	609983	121592	430	121152	NA	NA	59973	NA	NA	NA	450525	1594	448821	SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_362	binary	ALL	PhCodes	Sense Organs	Other retinal disorders	572828	18921	610915	119644	4034	115610	58963	1681	57282	6721	213	6508	444508	12993	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE		
Phe_362_2	binary	ALL	PhCodes	Sense Organs	Degeneration of macula and posterior pole of retina	116475	70936	586119	116478	7126	109352	57157	4519	52515	6533	585	5948	426887	58583	368804	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_362_21	binary	ATAFE	PhCodes	Sense Organs	Macular degeneration, dry	619423	29746	586777	120692	1083	119609	59007	1519	57488	NA	NA	NA	439724	27144	412280	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_362_22	binary	ATAFE	PhCodes	Sense Organs	Macular degeneration, wet	619424	29747	586778	120693	1084	119610	59008	1520	57489	NA	NA	NA	439725	27145	412281	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_362_23	binary	ATAFE	PhCodes	Sense Organs	Cystoid macular degeneration of retina	620622	92902	616730	120500	795	118705	59334	707	58614	NA	NA	NA	446188	20777	439411	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_362_26	binary	ALL	PhCodes	Sense Organs	Macular puckering of retina	623930	75007	589923	119537	2688	116849	58550	1880	56670	NA	NA	301	6396	60318	419008	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_362_29	binary	ATAFE	PhCodes	Sense Organs	Macular degeneration of retina NOS	621657	182307	610915	119644	4034	115610	58963	1681	57282	6721	213	6508	444508	12993	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE		
Phe_362_3	binary	ATAFE	PhCodes	Sense Organs	Other nonidiabetic retinopathy	620412	20825	588587	115313	6325	108988	57834	1551	56283	NA	NA	NA	442330	11690	430340	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_362_31	binary	ATAFE	PhCodes	Sense Organs	Separation of retinal layers	620606	2571	620835	121513	512	121003	59676	323	59553	NA	NA	NA	449417	1738	447679	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_362_6	binary	ATAFE	PhCodes	Sense Organs	Retinal vascular changes and abnormalities	619071	16809	610915	119644	4034	115610	58963	1681	57282	6721	213	6508	444508	12993	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE		
Phe_362_7	binary	ATAFE	PhCodes	Sense Organs	Peripheral retinal degenerations	6119078	607457	116903	120929	3209	116903	58715	1204	57751	NA	NA	NA	441061	7208	438863	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_362_7	binary	ATAFE	PhCodes	Sense Organs	Hereditary retinal dystrophies	568863	2382	566481	121083	469	120614	NA	NA	NA	NA	NA	NA	447780	1913	454867	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_362_7	binary	ATAFE	PhCodes	Sense Organs	Retinal hemorrhage/schemia	610903	7001	612683	119564	1257	118907	59334	707	58614	NA	NA	NA	441567	5293	436274	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_362_9	binary	ATAFE	PhCodes	Sense Organs	Retinal edema	625443	8059	617384	120091	1947	120614	59210	715	58495	NA	NA	NA	446142	5917	440745	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_363	binary	ATAFE	PhCodes	Sense Organs	Chorioretinal inflammations, scars, and other disorders of choroid	618913	12499	606414	119309	2483	118626	58731	947	57784	NA	NA	NA	440873	9069	431804	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_363_1	binary	ATAFE	PhCodes	Sense Organs	Chorioretinal scars	610899	10899	610899	119309	2483	117396	58672	963	58672	NA	NA	NA	442329	7963	444426	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_364	binary	ATAFE	PhCodes	Sense Organs	Corneal opacity and other disorders of cornea	620781	16812	610915	119644	4034	115610	58963	1681	57282	6721	213	6508	444508	12993	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE		
Phe_364_1	binary	ATAFE	PhCodes	Sense Organs	Corneal opacity	621073	11391	609682	119909	1849	118060	58686	1158	57528	NA	NA	NA	442478	1884	434094	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_364_2	binary	ATAFE	PhCodes	Sense Organs	Corneal edema	570999	2281	568718	121517	459	121058	NA	NA	NA	NA	NA	NA	449482	1322	447660	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_364_3	binary	ATAFE	PhCodes	Sense Organs	Corneal degenerations	620513	4804	612649	119474	1445	118029	59257	1158	58798	NA	NA	NA	446222	2900	445322	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_364_4	binary	ATAFE	PhCodes	Sense Organs	Keratoconus	573701	940	572131	121509	367	121509	NA	NA	NA	NA	NA	NA	451195	573	450622	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_364_5	binary	ATAFE	PhCodes	Sense Organs	Corneal dystrophy	628114	6835	621279	121391	636	120755	59685	253	59432	NA	NA	NA	447038	5946	441092	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_364_5	binary	ATAFE	PhCodes	Sense Organs	Corneal dystrophies	620321	2618	562039	120321	2618	120321	NA	NA	NA	NA	NA	NA	447038	5946	441092	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_364_9	binary	ATAFE	PhCodes	Sense Organs	Cornea replaced by transplant	573113	1456	571657	121518	262	121556	NA	NA	NA	NA	NA	NA	451195	573	450001	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_365	binary	ALL	PhCodes	Sense Organs	Glaucoma	609053	113283	47670	114920	38064	76856	56909	11570	45339	6503	1446	5057	430721	81303	348418	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_365_1	binary	ALL	PhCodes	Sense Organs	Open-angle glaucoma	621895	96106	536729	113031	30309	84722	57302	8523	48779	6529	1127	5402	434033	56207	377426	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_365_2	binary	ATAFE	PhCodes	Sense Organs	Primary angle-closure glaucoma	610902	16812	610915	119644	4034	115610	58963	1681	57282	6721	213	6508	444508	12993	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE		
Phe_366	binary	ALL	PhCodes	Sense Organs	Cataract	572868	314480	293888	107711	58665	49046	54221	23701	30520	6262	2490	3772	405674	236024	175650	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_366_1	binary	ATAFE	PhCodes	Sense Organs	Nontraumatic Cataract	610915	16812	610915	119644	4034	115610	58963	1681	57282	6721	213	6508	444508	12993	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE		
Phe_366_2	binary	ALL	PhCodes	Sense Organs	Senile cataract	573586	297131	53129	119731	3129	119731	59686	20660	31335	6255	2197	4058	404086	197600	206486	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_366_3	binary	ATAFE	PhCodes	Sense Organs	Traumatic cataract	572013	992	571021	121563	365	121563	NA	NA	NA	NA	NA	NA	450450	627	449823	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_367	binary	ALL	PhCodes	Sense Organs	Disorders of refraction and accommodation; blindness and low vision	626837	30486	617531	120736	81119	20217	53135	3457	17598	60337	3830	2180	399356	263400	123136	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_367_1	binary	ALL	PhCodes	Sense Organs	Myopia	620550	96736	603504	119644	4034	115610	58963	1681	57282	6721	213	6508	444508	12993	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE		
Phe_367_2	binary	ALL	PhCodes	Sense Organs	Astigmatism	621063	148875	387408	120678	24678	76384	50182	13020	37912	6779	1839	39407	110933	269922	430798	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_367_4	binary	ALL	PhCodes	Sense Organs	Presbyopia	551270	301669	249601	103365	62465	40900	51587	24801	26786	6075	2868	31947	390253	211538	178718	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_367_5	binary	ATAFE	PhCodes	Sense Organs	Blindness and low vision	620513	4804	612649	119474	1445	118029	59257	1158	58798	NA	NA	NA	446222	2900	445322	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_367_9	binary	ATAFE	PhCodes	Sense Organs	Visual disturbances	559951	27680	487591	105495	14464	91031	52619	6526	46093	NA	NA	704	5369	395763	10240	345058	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_368	binary	ATAFE	PhCodes	Sense Organs	Anisometropia	621063	148875	387408	120678	24678	76384	50182	13020	37912	6779	1839	39407	110933	269922	430798	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_368_2	binary	ATAFE	PhCodes	Sense Organs	Diplopia and disorders of binocular vision	618955	12056	606667	119761	1516	118245	58659	976	57683	NA	NA	NA	440545	8066	430739	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_368_3	binary	ATAFE	PhCodes	Sense Organs	Anisometropia	620742	4529	617947	121947	641	119731	58935	414	58521	NA	NA	NA	443169	3474	438095	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_368_4	binary	ATAFE	PhCodes	Sense Organs	Visual field defects	614589	13853	600736	117024	3492	113532	58339	1201	57138	NA	NA	NA	439226	9160	430666	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_368_9	binary	ATAFE	PhCodes	Sense Organs	Psychophysical visual disturbances	621063	148875	387408	120678	24678	76384	50182	13020	37912	6779	1839	39407	110933	269922	430798	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_369	binary	ALL	PhCodes	Sense Organs	Infection of the eye	597958	21729	576229	111668	5483	106185	55586	2161	53425	6456	211	6245	424248	10174	410374	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_369_1	binary	ATAFE	PhCodes	Sense Organs	Conjunctivitis, infectious	594887	15092	579895	111668	5483	106185	55586	2161	53425	6456	211	6245	424248	10174	410374	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_370	binary	ALL	PhCodes	Sense Organs	Keratitis	615668	15547	602591	116553	3280	113273	57313	1702	56611	6457	223	6234	435345	9942	425403	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_370_1	binary	ATAFE	PhCodes	Sense Organs	Corneal ulcer	621886	20981	625795	121884	399	121285	59761	204	59557	NA	NA	NA	450441	1488	448853	SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_370_2	binary	ATAFE	PhCodes	Sense Organs	Superficial keratitis	620550	96736	603504	119644	4034	115610	58963	1681	57282	6721	213	6508	444508	12993	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE		
Phe_370_3	binary	ATAFE	PhCodes	Sense Organs	Keratoconjunctivitis	617371	8187	601814	118355	5122	116463	58034	1095	56939	NA	NA	NA	443782	9200	435782	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_370_31	binary	ATAFE	PhCodes	Sense Organs	Keratoconjunctivitis sicca	618211	6610	618797	118797	1630	117167	58205	955	57250	NA	NA	NA	4								

Phx_426_24	binary	ATAIE	PhxCodes	Circulatory System	Arrhythmocentric block, complete	630658	7541	623117	121500	856	120644	59777	411	59366	NA	NA	449281	6274	443107	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phx_426_25	binary	ATIE	PhxCodes	Circulatory System	Other heart block	568401	2041	121462	121388	824	121138	NA	NA	NA	NA	NA	448980	1717	447263	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_426_3	binary	ATAIE	PhxCodes	Circulatory System	Bundle branch block	613537	16109	597428	119151	2051	117100	58530	577	57553	NA	NA	435856	13081	422775	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_426_31	binary	ATAIE	PhxCodes	Circulatory System	Right bundle branch block	610424	8619	610425	101484	1024	110414	58039	536	58039	NA	NA	448176	7059	444478	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_426_32	binary	ATAIE	PhxCodes	Circulatory System	Left bundle branch block	610424	8619	610425	101484	1024	110414	58039	536	58039	NA	NA	448176	7059	444478	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_426_7	binary	ALL	PhxCodes	Circulatory System	Abnormal electrocardiogram [ECG] [EKG]	531757	43996	507878	108863	874	578863	58346	511	58346	NA	NA	444885	30167	377394	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_426_8	binary	ATAIE	PhxCodes	Circulatory System	Other cardiac conduction disorders	568552	1640	569122	120760	439	107347	55254	2765	55254	NA	NA	447792	1201	446691	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_426_9	binary	ATAIE	PhxCodes	Circulatory System	Cardiac pacemaker/device in situ	610424	8619	610425	101484	1024	110414	58039	536	58039	NA	NA	448176	7059	444478	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_426_91	binary	ATAIE	PhxCodes	Circulatory System	Cardiac pacemaker in situ	610424	8619	610425	101484	1024	110414	58039	536	58039	NA	NA	448176	7059	444478	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_426_92	binary	ATAIE	PhxCodes	Circulatory System	Cardiac defibrillator in situ	628819	13816	616183	121503	2629	118874	59740	800	59740	NA	NA	448576	10407	438369	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_427	binary	ATAIE	PhxCodes	Circulatory System	Cardiac dysrhythmia	610424	8619	610425	101484	1024	110414	58039	536	58039	NA	NA	448176	7059	444478	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_427_1	binary	ATAIE	PhxCodes	Circulatory System	Paroxysmal tachycardia, unspecified	615812	20517	595295	118810	3882	114508	58833	1087	57746	NA	614	1077	5069	422621	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_427_11	binary	ATAIE	PhxCodes	Circulatory System	Paroxysmal supraventricular tachycardia	613424	9624	118314	1843	118291	59310	5317	58773	NA	NA	436040	7244	436180	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE		
Phx_427_12	binary	ATAIE	PhxCodes	Circulatory System	Paroxysmal ventricular tachycardia	621360	10490	612870	120056	2003	118553	59343	497	58846	NA	674	NA	6337	435961	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_427_2	binary	ALL	PhxCodes	Circulatory System	Atrial fibrillation and flutter	610424	8619	610425	101484	1024	110414	58039	536	58039	NA	NA	448176	7059	444478	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_427_21	binary	ALL	PhxCodes	Circulatory System	Atrial fibrillation	527223	84910	537323	118847	8873	109974	58862	4063	54799	NA	NA	435772	71577	366195	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_427_22	binary	ATAIE	PhxCodes	Circulatory System	Atrial flutter	620415	27945	592470	120231	3470	116761	59267	1322	57945	NA	NA	440017	21513	417764	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_427_23	binary	ATAIE	PhxCodes	Circulatory System	Other specified cardiac dysrhythmias	579278	54352	571046	110486	9339	112718	58249	3271	57945	NA	6514	226	6288	415136	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_427_4	binary	ATAIE	PhxCodes	Circulatory System	Cardiac arrest and ventricular	627216	3786	120680	828	119852	59386	NA	NA	59386	NA	NA	447018	2726	444492	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_427_41	binary	ATIE	PhxCodes	Circulatory System	Ventricular fibrillation and flutter	571088	1477	569611	121512	309	121023	NA	NA	NA	NA	NA	449576	1168	448408	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_427_42	binary	ATIE	PhxCodes	Circulatory System	Cardiac arrest	569261	2319	569261	120967	582	120385	NA	NA	NA	NA	NA	448294	1797	449897	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_427_5	binary	ATAIE	PhxCodes	Circulatory System	Arrhythmia (paroxysmal) NOS	614003	14474	537242	111749	8448	102771	55402	2664	52738	NA	NA	431895	381733	438265	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_427_6	binary	ATAIE	PhxCodes	Circulatory System	Premature beats	6117656	11629	599133	117656	2106	115550	58688	532	58156	NA	NA	434418	8991	425427	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_427_61	binary	ATIE	PhxCodes	Circulatory System	Supraventricular premature beats	563815	2600	561215	120013	556	119457	NA	NA	NA	NA	NA	434802	8991	441758	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_427_7	binary	ATAIE	PhxCodes	Circulatory System	Tachycardia NOS	595515	21895	571835	113676	5094	110852	58859	NA	NA	NA	NA	424086	15016	409584	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_427_8	binary	ATAIE	PhxCodes	Circulatory System	Sinoatrial node dysfunction (Bradycardia)	616842	21086	616842	121007	695	120132	59506	380	59126	NA	NA	445835	6431	439404	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_427_9	binary	ALL	PhxCodes	Circulatory System	Palpitations	607666	28777	578889	115735	5606	110129	56928	2512	54416	NA	6301	6361	428413	20430	407983	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phx_428	binary	ALL	PhxCodes	Circulatory System	Congestive heart failure, nonhypertensive	6100791	4296729	6100791	1206279	4698	1170873	58743	NA	58743	NA	NA	442025	342	370873	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_428_1	binary	ALL	PhxCodes	Circulatory System	Congestive heart failure (CHF) NOS	613401	56506	595795	116880	11137	1105743	58126	3312	58484	NA	NA	431695	41922	389773	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_428_2	binary	ATAIE	PhxCodes	Circulatory System	Heart failure NOS	616834	158845	616834	118945	1451	118394	59284	399	58885	NA	NA	443759	4704	439055	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_428_3	binary	ALL	PhxCodes	Circulatory System	Heart failure with reduced EF [systolic or combined heart failure]	621787	41187	579600	118736	5104	119632	58841	2652	56185	NA	6777	6566	438433	31220	407213	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phx_429	binary	ATAIE	PhxCodes	Circulatory System	Heart failure with preserved EF [diastolic heart failure]	6139136	11448	6139136	118913	1968	119030	58841	1973	57631	NA	NA	438082	1968	407471	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_429_1	binary	ATAIE	PhxCodes	Circulatory System	II-defined descriptions and complications of heart disease	592295	574926	574926	117486	3053	117227	58025	NA	56322	NA	NA	420082	13411	407471	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_429_11	binary	ATAIE	PhxCodes	Circulatory System	Heart transplant/surgery	626929	3382	623547	121064	518	120546	59533	209	59324	NA	NA	446132	2655	434877	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_429_2	binary	ATAIE	PhxCodes	Circulatory System	Abnormal clinical study of cardiovascular system	6129174	66445	6129174	1166734	498	116734	58237	NA	58237	NA	NA	442137	498	432137	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_429_3	binary	ATAIE	PhxCodes	Circulatory System	Symptoms involving cardiovascular system	612064	604495	516749	118065	1256	118065	58564	356	58208	NA	NA	439535	9557	429538	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_430	binary	ATAIE	PhxCodes	Circulatory System	Intracranial hemorrhage	629583	6023	623560	121142	118939	117993	59594	588	59006	NA	NA	448874	4086	444761	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_430_1	binary	ATIE	PhxCodes	Circulatory System	Subarachnoid hemorrhage	572499	965	571534	121265	228	121537	NA	NA	NA	NA	NA	450734	1797	449897	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_430_2	binary	ATAIE	PhxCodes	Circulatory System	Intracerebral hemorrhage	611998	1998	569607	118907	551	120050	58441	NA	58441	NA	NA	440128	1441	448487	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_430_3	binary	ATAIE	PhxCodes	Circulatory System	Subdural hemorrhage	611871	21698	629255	121698	542	121156	59798	278	59520	NA	NA	440128	1796	448579	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_433	binary	ALL	PhxCodes	Circulatory System	Cerebrovascular disease	597128	9615	595131	114381	16858	117523	56735	6375	59360	NA	6632	488	6144	349486	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_433_1	binary	ATAIE	PhxCodes	Circulatory System	Cerebrovascular disease	613806	21846	613806	121402	1624	118079	58979	NA	58979	NA	NA	428965	2615	429182	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_433_11	binary	ATIE	PhxCodes	Circulatory System	Occlusion of cerebral artery, with cerebral infarction	569524	2703	566821	121248	427	120821	NA	NA	NA	NA	NA	446000	2276	447410	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_433_12	binary	ATIE	PhxCodes	Circulatory System	Cerebral arteriosclerosis	569619	1639	567980	120980	410	120570	NA	NA	NA	NA	NA	448639	1229	447410	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_433_2	binary	ATAIE	PhxCodes	Circulatory System	Occlusion of cerebral arteries	6148212	21182	6148212	121170	21182	120570	58815	NA	58815	NA	NA	448639	1229	447410	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_433_21	binary	ATAIE	PhxCodes	Circulatory System	Cerebral artery occlusion, with cerebral infarction	614864	30561	588303	119017	7521	111496	58862	2274	56588	NA	NA	440895	20766	420219	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_433_3	binary	ALL	PhxCodes	Circulatory System	Cerebral ischemia	611339	43865	596474	116795	8197	110859	57998	2998	55000	NA	6719	6483	431827	32434	399393	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phx_433_31	binary	ALL	PhxCodes	Circulatory System	Transient cerebral ischemia	615922	41485	574427	117310	7606	119704	58183	2792	55391	NA	6731	6512	435628	30878	402820	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phx_433_32	binary	ATAIE	PhxCodes	Circulatory System	Cerebral aneurysm	615922	41485	574427	117310	7606	119704	58183	2792	55391	NA	6731	6512	435628	30878	402820	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phx_433_6	binary	ATAIE	PhxCodes	Circulatory System	Acute, but ill-defined cerebrovascular disease	614460	21698	614460	118945	1451	118394	59284	399	58885	NA	NA	443759	4704	439055	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_433_8	binary	ATAIE	PhxCodes	Circulatory System	Late effects of cerebrovascular disease	618466	21606	598660	118994	5530	113464	58793	1645	57748	NA	NA	440679	14431	426428	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phx_440	binary	ATAIE	PhxCodes	Circulatory System	Atherosclerosis	6107599	52465	6107599	1170599	52465	1170599	58548	NA	58548	NA	NA	420509	5348	405658	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	



Phc_512_8	binary	ALL	PhcCodes	Respiratory System	Cough	535349	105017	430332	100611	22320	78291	50102	91666	40936	5830	989	4841	378006	72542	306264	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_512_9	binary	ALL	PhcCodes	Respiratory System	Other dyspnea	535414	909055	450059	100344	18011	85423	51681	7177	44504	58075	568	5507	387924	72929	314625	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_513	binary	ATAFE	PhcCodes	Respiratory System	Respiratory abnormalities	606941	15101	591840	116177	3392	112785	517677	NA	56777	NA	NA	NA	433087	10409	422678	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_513_3	binary	ATAFE	PhcCodes	Respiratory System	Hyperventilation	611573	5059	110665	110665	922	118743	58967	388	58793	NA	NA	NA	442720	3749	438971	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_513_31	binary	ATAFE	PhcCodes	Respiratory System	Astoria	610461	1684	520651	NA	320	520651	NA	NA	520651	NA	NA	NA	442738	137	458864	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_513_8	binary	ATAFE	PhcCodes	Respiratory System	Disorders of diaphragm	628922	2654	540372	120794	757	120037	59562	214	59340	NA	NA	NA	448570	1683	446887	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_514	binary	ALL	PhcCodes	Respiratory System	Abnormal findings examination of lungs	594045	48677	545368	113565	8419	105146	NA	2908	59378	6598	221	6377	417304	37129	380175	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_514_1	binary	ATAFE	PhcCodes	Respiratory System	Abnormal results of function study of pulmonary system	614082	7815	547728	120859	293	120859	NA	NA	570139	NA	NA	NA	447284	660	447284	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_514_2	binary	ATAFE	PhcCodes	Respiratory System	Solitary pulmonary nodule	607517	31556	575961	117707	4889	112818	58121	1850	56271	NA	NA	NA	431689	24817	406872	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_516	binary	ATAFE	PhcCodes	Respiratory System	Abnormal sputum	621211	7601	113610	119181	1652	117529	59007	513	58494	NA	NA	NA	434023	5436	437387	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_516_1	binary	ATAFE	PhcCodes	Respiratory System	Other diseases of respiratory system, not elsewhere classified	552035	15209	520357	118218	1573	118218	NA	NA	587534	NA	NA	NA	444574	5089	444574	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_519	binary	ATAFE	PhcCodes	Respiratory System	Other diseases of respiratory system, NEC	595489	23484	570005	114275	4507	109758	56926	1525	55401	NA	NA	NA	424288	17452	406836	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_519_8	binary	ATAFE	PhcCodes	Respiratory System	Symptoms involving respiratory system and other chest symptoms	611675	6108	115759	118575	1016	115759	58626	359	58267	NA	NA	NA	438974	4733	434241	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_519_9	binary	ATAFE	PhcCodes	Respiratory System	Disorders of tooth development	615762	8428	607134	118056	1836	116220	58598	521	58077	NA	NA	NA	439108	6071	439387	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_520	binary	ATAFE	PhcCodes	Digestive System	Hereditary disturbances in tooth structure	614082	5876	116811	1675	115352	51904	675	NA	58796	NA	NA	NA	439556	3726	438200	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_520_2	binary	ATAFE	PhcCodes	Digestive System	Disturbances in tooth eruption	623598	1805	621793	119360	520	118840	58683	245	58438	NA	NA	NA	446344	1550	444794	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_521	binary	ALL	PhcCodes	Digestive System	Diseases of hard tissues of teeth	551264	152045	110024	100204	38020	72062	NA	1030	41925	NA	NA	NA	423470	442	341295	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_521_1	binary	ALL	PhcCodes	Digestive System	Dental caries	596794	123565	464229	101173	37171	73002	55380	14616	40764	6405	1442	4991	424816	79403	354513	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_521_2	binary	ALL	PhcCodes	Digestive System	Dental abrasion, erosion and attrition	620470	13162	607308	117688	2252	115436	57460	2021	55439	6609	263	6346	438713	8626	430087	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_522	binary	ALL	PhcCodes	Digestive System	Diseases of pulp and periapical tissues	600859	32220	576689	112773	8716	112773	57689	3734	55198	6584	210	6244	432480	1400	431480	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_522_1	binary	ALL	PhcCodes	Digestive System	Pulpitis and necrosis of tooth pulp	610551	19188	570057	111016	57176	110516	57476	664	55130	664	251	6393	439347	11523	427824	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_522_5	binary	ATAFE	PhcCodes	Digestive System	Periapical abscess	600785	9222	600785	114932	597	112345	57667	999	56668	NA	NA	NA	437408	5636	431772	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_523	binary	ALL	PhcCodes	Digestive System	Gingival and periodontal diseases	597408	111063	486345	110313	32123	79100	55246	12728	42518	6375	1302	5073	425474	68820	396964	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_523_1	binary	ALL	PhcCodes	Digestive System	Gingivitis	609992	39219	113503	115053	5748	107555	56135	4723	6481	NA	NA	NA	429289	9507	402839	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_523_3	binary	ALL	PhcCodes	Digestive System	Periodontitis (acute or chronic)	605324	59532	545372	111940	17928	94012	56204	7051	49153	6465	702	5762	430715	34270	396445	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_523_31	binary	ALL	PhcCodes	Digestive System	Acute periodontitis	611959	38592	573367	113779	11304	102475	59027	4514	52413	6572	444	6128	434681	22330	412351	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_524	binary	ATAFE	PhcCodes	Digestive System	Dental anomalies	610461	1684	520651	116811	1675	115352	51904	675	58796	NA	NA	NA	439556	3726	438200	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_524_1	binary	ATAFE	PhcCodes	Digestive System	Dentofacial anomalies, including malocclusion	614762	10463	604299	117114	2772	114342	57947	1340	56507	NA	NA	NA	439801	6351	434350	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_524_3	binary	ATAFE	PhcCodes	Digestive System	Anomalies of tooth position/malocclusion	617094	5523	617094	119160	1574	117586	58723	700	58023	NA	NA	NA	444734	3249	441485	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_525	binary	ALL	PhcCodes	Digestive System	Other diseases of the teeth and supporting structures	595125	155338	456587	109619	38143	71476	54958	13657	43101	6607	1307	6061	421141	82431	338710	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_525_1	binary	ALL	PhcCodes	Digestive System	Loss of teeth or edentulism	610461	1684	520651	116811	1675	115352	51904	675	58796	NA	NA	NA	439556	3726	438200	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_525_2	binary	ATAFE	PhcCodes	Digestive System	Atrophy of edentulous alveolar ridge	618465	6178	618467	118545	1397	118545	58894	748	58148	NA	NA	NA	443774	4035	441774	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_526	binary	ATAFE	PhcCodes	Digestive System	Diseases of the jaws	604549	14307	590242	115110	1363	111747	56773	1624	55149	NA	NA	NA	423466	9320	423436	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_526_1	binary	ATAFE	PhcCodes	Digestive System	Temporomandibular joint disorders	616829	7097	616829	119358	1396	117962	58413	808	57605	NA	NA	NA	434748	4099	439649	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_526_41	binary	ATAFE	PhcCodes	Digestive System	Temporomandibular joint disorder, unspecified	605888	1018	567930	120809	265	120544	NA	NA	NA	NA	NA	NA	448179	793	447786	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_526_5	binary	ATAFE	PhcCodes	Digestive System	Arthralgia/arthrosis of temporomandibular joint	567937	1058	567937	118719	247	120662	NA	NA	NA	NA	NA	NA	448557	776	448557	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_526_51	binary	ATAFE	PhcCodes	Digestive System	Arthralgia/arthrosis of temporomandibular joint	610551	19188	570057	111016	57176	110516	57476	664	55130	664	251	6393	439347	11523	427824	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_527	binary	ATAFE	PhcCodes	Digestive System	Diseases of the salivary glands	112960	6605	610022	117620	2550	115410	58012	1388	56624	NA	NA	NA	438258	9270	428888	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_527_2	binary	ATAFE	PhcCodes	Digestive System	Sialadenitis	629314	2458	629314	121057	572	120485	59536	235	59391	NA	NA	NA	448721	1651	447070	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_528	binary	ATAFE	PhcCodes	Digestive System	Salivary gland dysfunction	610461	1684	520651	116811	1675	115352	51904	675	58796	NA	NA	NA	439556	3726	438200	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_528_1	binary	ATAFE	PhcCodes	Digestive System	Diseases of the oral soft tissues, excluding lesions specific for gingiva and tongue	601282	16684	584598	114568	3883	114568	57152	1271	55881	NA	NA	NA	429562	11530	418032	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_528_11	binary	ATAFE	PhcCodes	Digestive System	Stomatitis and mucositis	566322	2182	566322	120414	472	119942	NA	NA	NA	NA	NA	NA	444108	776	444108	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_528_18	binary	ATAFE	PhcCodes	Digestive System	Candidiasis and diseases of oral soft tissues	614636	1711	614636	119463	478	119463	58413	808	57605	NA	NA	NA	444108	776	444108	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_528_6	binary	ATAFE	PhcCodes	Digestive System	Leukoplakia of oral mucosa	570025	1654	568411	121309	235	121074	NA	NA	NA	NA	NA	NA	448716	1379	447337	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_528_7	binary	ATAFE	PhcCodes	Digestive System	Sialolithiasis	572421	697	572421	121699	248	121451	NA	NA	NA	NA	NA	NA	450722	449	450722	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_529	binary	ATAFE	PhcCodes	Digestive System	Diseases and other conditions of the tongue	567561	2158	567561	120546	450	120196	NA	NA	NA	NA	NA	NA	445015	1708	445015	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_530	binary	ALL	PhcCodes	Digestive System	Diseases of esophagus	610461	1684	520651	116811	1675	115352	51904	675	58796	NA	NA	NA	439556	3726	438200	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_530_1	binary	ALL	PhcCodes	Digestive System	Esophagitis, GERD and related diseases	584214	25434	339780	110062	45951	110062	45951	110062	45951	110062	45951	110062	45951	110062	45951	110062	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_530_11	binary	ALL	PhcCodes	Digestive System	GERD	608367	242295	342272	110086	44287	60779	54465	20436	54465	20436	6288	15											

Pho_580_1	binary	ATAIE	PhoCodes	Genitourinary System	Glomerulonephritis	631238	2204	629134	121356	775	120581	59746	213	59533	NA	NA	NA	450236	1216	449020	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_580_12	binary	AIE	PhoCodes	Genitourinary System	Non-proliferative glomerulonephritis	571873	967	571873	121350	411	121350	NA	NA	NA	NA	NA	NA	450523	556	450523	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_580_14	binary	AIE	PhoCodes	Genitourinary System	Chronic glomerulonephritis, NOS	572606	667	571939	121664	264	121400	NA	NA	NA	NA	NA	NA	450539	308	450539	SENSITIVE	NA	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_580_2	binary	ATAIE	PhoCodes	Genitourinary System	Nephrotic syndromes without mention of glomerulonephritis	631278	580	630378	121372	580	120792	59698	217	59481	NA	NA	NA	449495	403	449495	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_580_3	binary	ATAIE	PhoCodes	Genitourinary System	Nephritis and nephropathy without mention of glomerulonephritis	631282	5793	630453	121402	5793	121402	59698	217	59481	NA	NA	NA	449495	403	449495	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_580_31	binary	ATAIE	PhoCodes	Genitourinary System	Nephritis and nephropathy in diseases classified elsewhere	624826	1047	624826	120908	1047	120908	59421	520	58901	NA	NA	NA	446604	2540	446604	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_580_32	binary	ATAIE	PhoCodes	Genitourinary System	Nephritis and nephropathy with pathological lesion	629970	2623	627347	120989	677	120989	59642	256	59386	NA	NA	NA	449339	3690	449339	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_585	binary	ALL	PhoCodes	Genitourinary System	Renal failure	629977	488950	629977	120989	488950	120989	59642	256	59386	NA	NA	NA	449339	3690	449339	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_585_1	binary	ALL	PhoCodes	Genitourinary System	Acute renal failure	629977	488950	629977	120989	488950	120989	59642	256	59386	NA	NA	NA	449339	3690	449339	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_585_2	binary	ATAIE	PhoCodes	Genitourinary System	Renal failure NOS	621874	10492	611382	121783	10680	121783	59628	808	59208	6623	314	6309	425203	42394	42394	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_585_3	binary	ATAIE	PhoCodes	Genitourinary System	Chronic renal failure [CKD]	621874	10492	611382	121783	10680	121783	59628	808	59208	6623	314	6309	425203	42394	42394	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_585_31	binary	ATAIE	PhoCodes	Genitourinary System	End-stage renal disease	631601	7379	624222	121478	3002	121478	59786	908	58878	NA	708	5957	420337	3469	420337	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_585_32	binary	ATAIE	PhoCodes	Genitourinary System	End-stage renal disease	631834	11647	621203	121033	4335	121033	59638	1295	58838	NA	NA	NA	449115	6017	449115	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_585_33	binary	ALL	PhoCodes	Genitourinary System	Chronic Kidney Disease, Stage III	621305	61486	59819	121808	13144	121808	58609	4218	54391	6713	436	6277	437875	43088	437875	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_585_34	binary	ATAIE	PhoCodes	Genitourinary System	Chronic Kidney Disease, Stage IV	621305	61486	59819	121808	13144	121808	58609	4218	54391	6713	436	6277	437875	43088	437875	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_585_4	binary	ATAIE	PhoCodes	Genitourinary System	Chronic kidney disease, Stage I or II	621721	10239	601583	121771	45454	121771	59647	1154	58825	NA	NA	NA	441414	9520	441414	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_586	binary	ATAIE	PhoCodes	Genitourinary System	Other disorders of the kidney and ureters	597158	42268	554890	121994	9375	121994	56714	2964	53750	6615	235	6380	420835	28694	39141	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_586_2	binary	ATAIE	PhoCodes	Genitourinary System	Cyst of kidney, acquired	612657	14607	612657	121994	14607	121994	56714	2964	53750	6615	235	6380	420835	28694	39141	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_586_4	binary	ATAIE	PhoCodes	Genitourinary System	Stricture/obstruction of ureter	621657	14607	612657	121994	14607	121994	56714	2964	53750	6615	235	6380	420835	28694	39141	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_587	binary	ATAIE	PhoCodes	Genitourinary System	Kidney replaced by transparent	631273	2361	630342	121733	886	120847	59854	298	59556	NA	NA	NA	451116	7078	449939	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_588	binary	ATAIE	PhoCodes	Genitourinary System	Disorders resulting from impaired renal function	630813	12185	621025	120225	4035	120225	59854	298	59556	NA	NA	NA	447143	1138	449939	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_588_1	binary	ATAIE	PhoCodes	Genitourinary System	Renal osteodystrophy	621867	2871	621867	121256	957	120209	59743	208	59475	NA	NA	NA	420008	1646	446822	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_588_2	binary	ATAIE	PhoCodes	Genitourinary System	Secondary hyperparathyroidism [or renal origin]	628937	2943	631934	120738	3359	121739	59611	888	58713	NA	NA	NA	448588	1486	443102	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_589	binary	ATAIE	PhoCodes	Genitourinary System	Abnormal results of function study of kidney	622994	9704	620090	121985	775	121810	59138	231	58807	NA	NA	NA	444471	3888	442573	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_590	binary	ATAIE	PhoCodes	Genitourinary System	Pyelonephritis	629666	4332	621234	120548	900	120548	59248	483	59765	NA	NA	NA	440820	3149	443721	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_591	binary	ALL	PhoCodes	Genitourinary System	Ureinary tract infection	584106	67599	516507	121425	15423	121425	59303	5852	48907	6464	312	6152	414457	36845	36845	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_592	binary	ATAIE	PhoCodes	Genitourinary System	Cystitis and urethritis	611294	9041	600383	116418	2417	116418	57992	725	57257	NA	NA	NA	438514	5889	434265	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_592_1	binary	ATAIE	PhoCodes	Genitourinary System	Acute cystitis	611294	9041	600383	116418	2417	116418	57992	725	57257	NA	NA	NA	438514	5889	434265	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_592_2	binary	AIE	PhoCodes	Genitourinary System	Urethritis and urethral syndrome	565350	2227	563123	119965	473	119492	NA	NA	NA	NA	NA	NA	453385	1754	449331	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_592_3	binary	AIE	PhoCodes	Genitourinary System	Hematuria	568591	1433	567158	119655	865	118790	NA	NA	NA	NA	NA	NA	448936	568	448388	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_593	binary	ALL	PhoCodes	Genitourinary System	Microscopic hematuria	601567	5759	54208	121356	12245	120131	56382	4531	55551	6554	363	6191	425075	39920	385555	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_593_1	binary	ATAIE	PhoCodes	Genitourinary System	Microscopic hematuria	6114282	5759	54208	121356	12245	120131	56382	4531	55551	6554	363	6191	425075	39920	385555	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_593_2	binary	ALL	PhoCodes	Genitourinary System	Urinary calculus	587126	5759	54208	121356	12245	120131	56382	4531	55551	6554	363	6191	425075	39920	385555	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_594	binary	ATAIE	PhoCodes	Genitourinary System	Calculus of kidney	614206	49997	562029	118171	9904	121267	57886	4320	53566	6693	393	6306	433456	39380	394076	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_594_2	binary	ATAIE	PhoCodes	Genitourinary System	Calculus of lower urinary tract	614206	49997	562029	118171	9904	121267	57886	4320	53566	6693	393	6306	433456	39380	394076	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_594_3	binary	ATAIE	PhoCodes	Genitourinary System	Calculus of ureter	614206	49997	562029	118171	9904	121267	57886	4320	53566	6693	393	6306	433456	39380	394076	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_594_4	binary	ATAIE	PhoCodes	Genitourinary System	Hydrophrosis	614206	49997	562029	118171	9904	121267	57886	4320	53566	6693	393	6306	433456	39380	394076	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_595	binary	ATAIE	PhoCodes	Genitourinary System	Other disorders of bladder	621780	2183	599337	118855	4096	117459	58652	1867	56785	NA	NA	NA	440253	1569	442493	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_595_1	binary	ATAIE	PhoCodes	Genitourinary System	Functional disorders of bladder	621780	2183	599337	118855	4096	117459	58652	1867	56785	NA	NA	NA	440253	1569	442493	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_597_1	binary	ATAIE	PhoCodes	Genitourinary System	Other disorders of urethra and urinary tract	621780	2183	599337	118855	4096	117459	58652	1867	56785	NA	NA	NA	440253	1569	442493	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_597_2	binary	ATAIE	PhoCodes	Genitourinary System	Urethral stricture (not specified as infectious)	621780	2183	599337	118855	4096	117459	58652	1867	56785	NA	NA	NA	440253	1569	442493	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_598	binary	ATAIE	PhoCodes	Genitourinary System	Abnormal findings on examination of urine	611452	6136	603316	119697	1784	119533	58802	627	57465	NA	NA	NA	448696	4099	443937	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_598_1	binary	ATAIE	PhoCodes	Genitourinary System	Other nonspecific findings on examination of urine	611452	6136	603316	119697	1784	119533	58802	627	57465	NA	NA	NA	448696	4099	443937	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_599	binary	ALL	PhoCodes	Genitourinary System	Other symptoms/disorders of the urinary system	557600	117701	438989	104575	25457	121918	52884	9597	43087	6165	772	5393	394176	81875	312301	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_599_1	binary	ATAIE	PhoCodes	Genitourinary System	Urinary obstruction	624476	3915	620561	120421	743	119678	59169	374	58795	NA	NA	NA	448486	2798	442088	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_599_2	binary	ATAIE	PhoCodes	Genitourinary System	Retention of urine	602463	34476	567987	117030	5159	121871	57499	2521	54679	NA	NA	NA	427934	26796	401138	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_599_3	binary	ATAIE	PhoCodes	Genitourinary System	Urinary incontinence	602463	34476	567987	117030	5159	121871	57499	2521	54679	NA	NA	NA	427934	26796	401138	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_599_4	binary	ATAIE	PhoCodes	Genitourinary System	Frequency of urination and polyuria	585839	43955	538884	110378	10100	120278	55326	3788	53138	6458	365	6093	413677	381975	381975	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_599_5	binary	ATAIE	PhoCodes	Genitourinary System	Other abnormalities of urination	597169	42955	575353	110378	10100	120278	55326	3788	53138	6458	365	6093	413677	381975	381975	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_600	binary	ALL	PhoCodes	Genitourinary System	Hypertrophy of prostate	543199	184594	348905	95389	30813	95389	40994	13777	36217</													

Phc_695_41	binary	AFE	PhcCodes	Dermatological System	Cutaneous lupus erythematosus	572921	1359	571562	121758	607	121515	NA	NA	NA	NA	NA	451163	752	450411	NOT_SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_695_42	binary	ATAFE	PhcCodes	Dermatological System	Systemic lupus erythematosus	572923	1965	630574	121733	740	120993	NA	212	59641	NA	NA	450953	1013	449940	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_695_7	binary	ATAFE	PhcCodes	Dermatological System	Prurigo and Lichen	6117600	12451	604809	118252	3810	114442	58588	1193	57395	NA	NA	440420	7448	432972	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_695_8	binary	ATAFE	PhcCodes	Dermatological System	Other specified erythematous conditions	6118027	6875	110809	118267	1007	110809	58887	518	58379	NA	NA	441009	3580	435799	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_696	binary	ALL	PhcCodes	Dermatological System	Peloidosis and related disorder	609663	15915	609663	15915	15915	15915	58917	12079	427082	NOT_SENSITIVE	6736	255	6480	38792	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_696_4	binary	ALL	PhcCodes	Dermatological System	Psoriasis	611938	20818	611554	120931	1711	119220	1845	1769	57348	6763	245	6518	16283	428468	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_696_41	binary	ALL	PhcCodes	Dermatological System	Psoriasis vulgaris	613875	19302	612573	121010	1662	119348	59216	138	57447	6763	236	6526	15635	429522	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_697_42	binary	ATAFE	PhcCodes	Dermatological System	Acroinic acropachy	612625	4852	612625	4852	4852	4852	58929	408	59051	NA	NA	450200	3897	442633	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_697	binary	AFE	PhcCodes	Dermatological System	Sarcoidosis	572887	3336	569351	121655	1827	119828	NA	NA	54990	NA	NA	451032	1509	449523	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_698	binary	ALL	PhcCodes	Dermatological System	Parositis and related conditions	6006551	18378	587273	113679	4796	108883	56759	1769	547159	6485	244	6241	428728	417159	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_700	binary	ATAFE	PhcCodes	Dermatological System	Seborrheic calcification	6108314	60817	6108314	60817	60817	60817	58929	218	58379	NA	NA	440420	3580	435799	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_701	binary	ALL	PhcCodes	Dermatological System	Other hypertrophic and atrophic conditions	568647	57936	510731	109175	12128	97047	54089	4102	49987	6307	364	5943	399076	41322	357754	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_701_1	binary	ATAFE	PhcCodes	Dermatological System	Keratoderma, acquired	568647	57936	510731	109175	12128	97047	54089	4102	49987	6307	364	5943	399076	41322	357754	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_701_2	binary	ATAFE	PhcCodes	Dermatological System	Scar conditions and fibrosis of skin	612487	8595	600892	118733	1236	117497	58464	544	57520	NA	NA	435290	1815	428475	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_701_3	binary	ATAFE	PhcCodes	Dermatological System	Keloid sc	612487	8595	600892	118733	1236	117497	58464	544	57520	NA	NA	435290	1815	428475	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_702	binary	ALL	PhcCodes	Dermatological System	Degenerative skin conditions and other dermatoses	574078	143883	614915	120033	3642	114785	54594	5848	48746	6372	410	5962	397744	133883	263761	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_702_1	binary	ATAFE	PhcCodes	Dermatological System	Actinic keratosis	590789	99924	490865	120857	246	120611	57813	2177	56336	NA	NA	431219	97501	134618	SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_703	binary	ALL	PhcCodes	Dermatological System	Seborrheic keratosis	570995	478289	116174	2192	122682	54846	50328	646	59051	NA	NA	352469	38990	303479	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_703_1	binary	ALL	PhcCodes	Dermatological System	Diseases of nail, NOS	45355	58778	59922	112847	12925	56389	4055	2177	56336	NA	NA	6372	423754	382129	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_703_1_1	binary	ATAFE	PhcCodes	Dermatological System	Ingressing nail	609363	35614	573749	117318	6417	110901	57680	3018	54662	NA	NA	434365	26179	408186	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_704	binary	ATAFE	PhcCodes	Dermatological System	Diseases of hair and hair follicles	704	50587	562287	113867	7951	120756	56049	2612	54037	6578	210	6368	428793	1827	415866	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_704_1	binary	ATAFE	PhcCodes	Dermatological System	Alopecia	620935	52488	621687	120887	848	117826	59059	848	58211	NA	NA	7319	445600	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_704_1_1	binary	ATAFE	PhcCodes	Dermatological System	Alopecia Areata	612023	1948	630425	121415	627	120788	59691	371	59320	NA	NA	450917	600	45017	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_704_1_2	binary	ATAFE	PhcCodes	Dermatological System	Hirsutism	572813	923	571890	122110	492	122118	NA	NA	58113	631	401	451103	430	450672	SENSITIVE	NA	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_705	binary	ATAFE	PhcCodes	Dermatological System	Other specified diseases of hair and hair follicles	600465	15181	610605	115237	3339	109886	57498	1456	59424	NA	NA	43861	3886	425725	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_705_1	binary	ATAFE	PhcCodes	Dermatological System	Disorders of sweat glands	611387	5681	617467	118857	1865	117522	58889	584	58405	NA	NA	444772	3232	441540	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_705_1_1	binary	ATAFE	PhcCodes	Dermatological System	Dyshidrosis	628675	2455	626220	120919	633	120286	59471	273	59198	NA	NA	448285	1549	446736	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_705_2	binary	ATAFE	PhcCodes	Dermatological System	Hyperhidrosis	6109181	45918	6109181	45918	45918	45918	58989	234	58989	NA	NA	440807	1097	440807	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_705_8	binary	ATAFE	PhcCodes	Dermatological System	Diseases of sebaceous glands	622870	3836	619034	119451	924	118527	59101	341	58760	NA	NA	444318	2571	441747	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_706	binary	ALL	PhcCodes	Dermatological System	Disorders of sebaceous glands	565662	87519	615805	107209	18620	88589	6917	39870	6218	767	5451	398170	61215	337155	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_706_1	binary	ALL	PhcCodes	Dermatological System	Acne	626543	12262	614281	121517	4234	114193	58401	1759	56642	6660	306	6354	424265	3873	437092	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_706_2	binary	ALL	PhcCodes	Dermatological System	Acne cyst	610573	4953	610573	4953	4953	4953	58917	255	58917	NA	NA	440807	1097	440807	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_706_8	binary	ALL	PhcCodes	Dermatological System	Other specified diseases of sebaceous glands	595619	566149	615628	105977	6223	105977	1815	6223	44883	6477	2098	6295	20980	399030	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_707	binary	ATAFE	PhcCodes	Dermatological System	Chronic ulcer of skin	611028	34517	576511	117826	6201	111625	58363	2479	55884	NA	NA	434839	23837	490902	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_707_1	binary	ATAFE	PhcCodes	Dermatological System	Decubitus ulcer	612305	42054	612305	42054	42054	42054	58917	255	58917	NA	NA	440807	1097	440807	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_707_2	binary	ATAFE	PhcCodes	Dermatological System	Chronic ulcer of leg or foot	574078	143883	614915	120033	3642	114785	54594	5848	48746	6372	410	5962	397744	133883	263761	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_707_3	binary	ATAFE	PhcCodes	Dermatological System	Chronic ulcer of unspecified site	622084	6756	119978	118783	1195	118783	59153	485	58668	NA	NA	429593	5061	437877	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_709	binary	ATAFE	PhcCodes	Dermatological System	Dilated diseases of connective tissue	612084	3275	615529	120755	880	120755	59515	334	58181	NA	NA	448334	2061	448373	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_709_7	binary	ATAFE	PhcCodes	Dermatological System	Sicca syndrome	572813	923	571890	122110	492	122118	NA	NA	58113	631	401	451103	430	450672	SENSITIVE	NA	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_710	binary	ATAFE	PhcCodes	Musculoskeletal System	Unspecified diffuse connective tissue disease	627620	1447	569231	120923	867	120923	59059	848	58211	NA	NA	445600	26179	408186	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_710_1	binary	ATAFE	PhcCodes	Musculoskeletal System	Osteomyelitis, periostitis, and other infections involving bone	626959	7603	612296	120586	304	117552	59383	1268	58115	NA	NA	450893	430	450463	SENSITIVE	NA	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_710_1_1	binary	ATAFE	PhcCodes	Musculoskeletal System	Osteomyelitis NOS	612305	42054	612305	42054	42054	42054	58917	255	58917	NA	NA	440807	1097	440807	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_710_1_2	binary	ATAFE	PhcCodes	Musculoskeletal System	Acute osteomyelitis	627662	6867	612766	121175	1363	119812	59627	624	59003	NA	NA	448851	4900	443951	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_710_1_3	binary	ATAFE	PhcCodes	Musculoskeletal System	Chronic osteomyelitis	629951	7341	622250	121187	1562	119625	59611	663	58948	NA	NA	448793	5116	436877	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_710_19	binary	ATAFE	PhcCodes	Musculoskeletal System	Unspecified arthritis	610573	4953	610573	4953	4953	4953	58917	255	58917	NA	NA	440807	1097	440807	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_711	binary	ATAFE	PhcCodes	Musculoskeletal System	Arthropathy associated with infections	627713	4504	623119	120642	885	119757	59460	444	59016	NA	NA	447611	3265	444346	NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_711_1	binary	ATAFE	PhcCodes	Musculoskeletal System	Pyogenic arthritis	610024	3011	627013	120703	577	120607	59660	293	59367	NA	NA	449180	2141	447039	NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_712	binary	AFE	PhcCodes	Musculoskeletal System	Infective connective tissue disorders	572485	946	571539	121744	231	121513	NA	NA	57071	715	450026	SENSITIVE	NA	450026	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_712_1	binary	ATAFE	PhcCodes	Musculoskeletal System	Arthropathy associated with other disorders	6109181	45918	6109181	45918	45918	45918	58989	234	58989	NA	NA	440807	1097	440807	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_713	binary	ATAFE	PhcCodes	Musculoskeletal System	Arthropathy associated with neurological disorders	572447	2081	570366	121772	273	121499	NA	NA	58496	NA	NA	448867	SENSITIVE	NA	448867	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_714	binary	ATAFE	PhcCodes	Musculoskeletal																							

Pho_756	binary	AFE	PhoCodes	Congenital Anomalies	Other congenital musculoskeletal anomalies	567793	1588	566205	120628	216	120312	NA	NA	NA	NA	NA	447165	1272	445893	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_757	binary	AFE	PhoCodes	Congenital Anomalies	Congenital anomalies of the integument	571077	1155	569922	121143	256	121143	NA	NA	NA	NA	NA	449678	809	448779	SENSITIVE	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_760	binary	ALL	PhoCodes	Symptoms	Back pain	571649	325811	246818	108750	71046	37704	51593	33399	20194	6187	3315	2852	403139	218071	185068	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_761	binary	ALL	PhoCodes	Symptoms	Cervicalgia	571952	123311	455841	108180	26726	41706	53954	12248	41706	6280	1172	5108	410738	88615	327123	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_763	binary	ALL	PhoCodes	Symptoms	Thoracic lumbosacral neuritis or radiculitis, unspecified	572683	65487	536283	130623	6555	50112	6549	6009	6549	540	6009	425282	7443	389887	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_764	binary	ALL	PhoCodes	Symptoms	Sciatica	601520	34919	566583	113160	7374	105786	56122	36171	52425	6545	282	6311	425675	24534	402141	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_765	binary	ALL	PhoCodes	Symptoms	Cervical radiculitis	612240	36978	575262	115159	9222	105937	57383	3171	54212	6642	6360	439356	408753	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_766	binary	AFAGE	PhoCodes	Symptoms	Neuritis of the brachial plexus and radiculitis NOS	576178	17963	586196	110836	3893	111643	57297	1583	57174	NA	NA	413474	13412	419842	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_769	binary	ALL	PhoCodes	Symptoms	Nonallopahic lesions NEC	614350	120930	614554	120930	2951	117979	59316	1733	423454	6587	249	6538	447317	14863	424564	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_770	binary	ALL	PhoCodes	Symptoms	Myalgia and myositis unspecified	600525	39644	560881	112147	8441	103976	56078	4069	57209	6588	321	6247	425462	26813	398849	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_771	binary	AFAGE	PhoCodes	Symptoms	Musculoskeletal symptoms referable to limbs	565840	NA	565840	NA	NA	NA	NA	NA	NA	NA	NA	4444792	1330	4444792	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_771_1	binary	AFAGE	PhoCodes	Symptoms	Swelling of limbs	567871	14329	578452	113014	3420	105954	56676	NA	1129	55547	NA	NA	423091	9780	413311	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_771_2	binary	AFAGE	PhoCodes	Symptoms	Crampling of limbs	613151	5863	613151	118823	1129	117694	58752	463	58789	NA	NA	NA	441439	4271	437168	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_772	binary	AFAGE	PhoCodes	Symptoms	Symptoms of the muscleds	625301	2900	622401	120006	764	119242	59176	NA	58874	NA	NA	NA	446119	1834	444428	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_772_1	binary	AFE	PhoCodes	Symptoms	Muscular wasting and disuse atrophy	577271	1976	567702	121112	530	105562	59176	NA	58874	NA	NA	NA	448576	1446	414720	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_772_2	binary	AFAGE	PhoCodes	Symptoms	Spasm of muscle	597526	18025	597501	121229	4514	107715	56253	2257	53996	NA	NA	NA	429044	11254	417790	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_772_3	binary	ALL	PhoCodes	Symptoms	Muscle weakness	597481	52356	545125	112993	12144	100849	56756	3464	53292	6617	235	6382	421115	36513	384602	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_772_4	binary	AFAGE	PhoCodes	Symptoms	Pharyngeal studies (bladder, pancreas, placenta, spleen, etc)	578889	3454	578889	113788	7269	13848	56999	NA	57521	NA	NA	NA	448253	1945	447019	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_772_6	binary	AFE	PhoCodes	Symptoms	Facial weakness	568918	1215	567703	120766	317	120449	NA	NA	NA	NA	NA	NA	448152	808	447254	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_773	binary	ALL	PhoCodes	Symptoms	Pain in limb	524531	186043	338488	98630	42965	55665	48901	18161	30740	5738	1535	4223	371242	123882	247860	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_781	binary	AFAGE	PhoCodes	Symptoms	Symptoms involving nervous and musculoskeletal systems	613002	10073	598989	117454	1661	115793	57910	826	57084	NA	NA	NA	434908	7886	427112	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_781_2	binary	ALL	PhoCodes	Symptoms	Abnormal posture	572057	1111	570956	121657	234	121657	NA	NA	449583	NA	NA	NA	404047	8077	449583	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_782_3	binary	ALL	PhoCodes	Symptoms	Edema	574862	90213	484649	108104	18750	54804	5910	48894	6488	359	6129	405466	65194	340272	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Pho_783	binary	AFAGE	PhoCodes	Symptoms	Fever of unknown origin	592729	20967	571312	112987	4467	108520	55898	1951	58847	NA	NA	6139	432394	14549	408845	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_785	binary	ALL	PhoCodes	Symptoms	Neurotic pain	571312	14133	513788	102786	30171	72699	58927	NA	57521	NA	NA	NA	438510	852	429532	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_788	binary	ALL	PhoCodes	Symptoms	Nausea and collapse	601501	49947	551554	114170	10621	103549	56785	3719	53066	6634	282	6352	423912	35325	388587	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_789	binary	ALL	PhoCodes	Symptoms	Syncope and vomiting	580835	44229	536606	108794	10006	98788	53956	3941	50015	6473	223	6250	416162	30059	381553	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_790	binary	AFAGE	PhoCodes	Symptoms	Specific findings on examination of blood	579027	18172	515135	111406	NA	NA	NA	NA	55070	NA	NA	NA	443750	15070	443750	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_790_6	binary	ALL	PhoCodes	Symptoms	Other abnormal blood chemistry	575552	40476	535116	108070	9450	98620	54011	3604	50407	6295	372	5923	407216	27050	380166	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_791	binary	AFAGE	PhoCodes	Symptoms	Gangrene	630701	3492	627209	121337	10307	120300	59716	403	59313	NA	NA	NA	449648	2052	447396	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_792	binary	AFAGE	PhoCodes	Gonitourinary System	Abnormal Papanicolaou smear of cervix and cervical HPV	571705	6933	44772	15501	2152	13349	5542	944	4598	NA	NA	NA	30662	3827	26825	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_793	binary	AFAGE	PhoCodes	Musculoskeletal System	Sparsely abnormal findings on radiologic imaging of limbs	613464	2884	613464	112921	973	112921	59132	1483	30468	NA	NA	NA	444013	31751	444013	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_793_2	binary	AFAGE	PhoCodes	Circulatory System	Nonpecific abnormal findings on radiologic imaging of heart and coronary circulation	607837	7056	600781	112784	1215	116069	58094	465	57629	NA	NA	NA	432459	5376	427083	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_794	binary	AFAGE	PhoCodes	Circulatory System	Abnormal results of other function studies (bladder, pancreas, placenta, spleen, etc)	579450	3452	561625	114975	NA	NA	NA	NA	57521	NA	NA	NA	443967	156	443967	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_796	binary	ALL	PhoCodes	Gonitourinary System	Elevated prostate specific antigen (PSA)	579657	19405	581137	108755	18916	109575	56880	5680	46570	5997	461	5536	401453	54381	347072	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_797	binary	AFE	PhoCodes	Symptoms	Shock	566883	2673	566010	120921	625	120296	NA	NA	NA	NA	NA	NA	447762	2048	445714	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_797_1	binary	AFE	PhoCodes	Symptoms	Cardiogenic shock	571388	1319	598989	121519	361	121519	NA	NA	NA	NA	NA	NA	449789	856	448833	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_798	binary	AFAGE	PhoCodes	Symptoms	Malaise and fatigue	574733	9847	498326	117722	87781	52259	7263	624	44996	NA	NA	514	5727	709087	318022	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_798_1	binary	AFAGE	PhoCodes	Symptoms	Chronic fatigue syndrome	622249	4988	617301	120232	648	119584	58924	409	58515	NA	NA	NA	443093	3891	439022	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_799	binary	AFAGE	PhoCodes	Symptoms	Debility unspecified	5189319	1954	5189319	119042	4479	114563	58808	1619	57189	NA	NA	NA	441123	13556	427567	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_800	binary	AFAGE	PhoCodes	Injuries and Poisonings	Fracture of lower leg	612095	3509	612095	120827	18	120827	NA	NA	440487	NA	NA	NA	440487	14172	429872	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_800_1	binary	AFAGE	PhoCodes	Injuries and Poisonings	Fracture of neck of femur	612624	4717	621613	121613	569	121044	59780	256	59524	NA	NA	NA	449558	2892	445666	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_800_2	binary	AFAGE	PhoCodes	Injuries and Poisonings	Fracture of unspecified part of femur	613951	3515	627629	121607	524	121083	59793	267	59526	NA	NA	NA	447744	2724	447020	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_800_3	binary	AFAGE	PhoCodes	Injuries and Poisonings	Injuries of tibia and fibula	613951	3515	627629	121607	524	121083	59793	267	59526	NA	NA	NA	447744	2724	447020	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_800_4	binary	AFAGE	PhoCodes	Injuries and Poisonings	Fracture of patella	613782	2554	629528	121651	404	121247	59782	243	59539	NA	NA	NA	445049	1907	448442	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_801	binary	AFAGE	PhoCodes	Injuries and Poisonings	Fracture of ankle and foot	613969	23349	590620	119174	4624	114550	58134	2214	56320	NA	NA	NA	441661	10511	425150	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_801_1	binary	AFAGE	PhoCodes	Injuries and Poisonings	Fracture of foot	625920	8336	620894	121148	1725	119423	59549	777	58772	NA	NA	NA	445533	5834	442699	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_802	binary	AFE	PhoCodes	Injuries and Poisonings	Injuries of pelvis	613969	23349	590620	119174	4624	114550	58134	2214	56320	NA	NA	NA	441661	10511	425150	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_803	binary	AFAGE	PhoCodes	Injuries and Poisonings	Fracture of upper limb	625385	1807	625385	121083	2429	118178	59414	678	58736	NA	NA	NA	445403	1589	442699	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_803_1	binary	AFAGE	PhoCodes	Injuries and Poisonings	Fracture of humerus	630864	5345	625519	121582	621	120961	59705	422	59283	NA	NA	NA	449577	4302	445275	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_803_2	binary	AFAGE	PhoCodes	Injuries and Poisonings	Injuries of radius and ulna	613969	23349	590620	119174	4624	114550	58134	2214	56320	NA	NA	NA	441661	10511	425150	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_803_3	binary	AFAGE	PhoCodes	Injuries and Poisonings	Fracture of clavicle or scapula	630864	5345	625519	121582	621	120961	59705	422	59283	NA	NA	NA	449577	4302	445275	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_804	binary	AFAGE	PhoCodes	Injuries and Poisonings	Fracture of hand or wrist	625385	1807	625385	121083	2429	11														

SlbCaOth	binary	AFAGE	Surveys	Family History	Biological Sibling: Cancer, all others	400487	23383	367104	55505	3019	52486	29314	1845	27469 NA	NA	NA	315668	28519	287149 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbCaProx	binary	AFAGE	Surveys	Family History	Biological Sibling: Cancer, Prostate	400487	19840	386547	55505	2246	52559	29314	726	26588 NA	NA	NA	315668	10688	304700 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbCaSkin	binary	AFAGE	Surveys	Family History	Biological Sibling: Cancer, Skin	400487	15703	384784	55505	253	55252	29314	354	28960 NA	NA	NA	315668	15096	300572 SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbCaCAD	binary	ALL	Surveys	Family History	Biological Sibling: Coronary Artery / Coronary Heart Disease	400434	14748	360286	55505	2523	52552	29314	1728	27586	NA	NA	315668	29553	286315 NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbChtChol	binary	ALL	Surveys	Family History	Biological Sibling: High cholesterol	400434	50617	353417	55505	6789	48766	29314	3748	25566	3547	214	3313	29553	276327 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbChtHTN	binary	ALL	Surveys	Family History	Biological Sibling: High blood pressure	400434	73795	330239	55505	14054	41451	29314	5145	24169	3547	736	2811	5860	261808 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbChtStrk	binary	AFAGE	Surveys	Family History	Biological Sibling: Stroke / Transient Ischemic Attack (TIA)	400487	13992	386495	55505	2605	52900	29314	915	28399 NA	NA	NA	315668	10472	305196 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbDnAsth	binary	ALL	Surveys	Family History	Biological Sibling: Asthma	400434	25846	378188	55505	5022	50463	29314	2302	27012	3547	313	3234	18209	297459 NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbDnDM	binary	ALL	Surveys	Family History	Biological Sibling: Diabetes / "Sugar"	400434	56949	347085	55505	10599	44906	29314	5431	23883	3547	565	2982	40354	275314 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbDnKid	binary	AFAGE	Surveys	Family History	Biological Sibling: Kidney Disease	400487	10813	389674	55505	2310	53195	29314	905	28409 NA	NA	NA	315668	7598	308070 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbDnLiver	binary	AFAGE	Surveys	Family History	Biological Sibling: Liver Condition	400487	8422	392055	55505	1246	54259	29314	904	28410 NA	NA	NA	315668	6282	309896 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbDnLung	binary	AFAGE	Surveys	Family History	Biological Sibling: Chronic Lung Disease including COPD, Emphysema or Bronchitis	400487	17866	382621	55505	1829	53676	29314	745	28569 NA	NA	NA	315668	15292	300376 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbMHPD	binary	AFAGE	Surveys	Family History	Biological Sibling: Bipolar Disorder	400487	12020	388467	55505	1676	53829	29314	969	28345 NA	NA	NA	315668	9375	306293 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbMHDdep	binary	AFAGE	Surveys	Family History	Biological Sibling: Depression	400487	32216	360271	55505	3789	51716	29314	2466	28448 NA	NA	NA	315668	29961	289707 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbMHDSCZ	binary	AFAGE	Surveys	Family History	Biological Sibling: Schizophrenia	400487	5295	395192	55505	1227	54278	29314	445	28869 NA	NA	NA	315668	3623	312045 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbMSAlz	binary	AFAGE	Surveys	Family History	Biological Sibling: Alzheimer's / Other Dementia	400487	8224	391263	55505	803	54702	29314	461	28853 NA	NA	NA	315668	6960	308708 NOT_SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbMGout	binary	ALL	Surveys	Disease Diagnosis	Gout	400434	40921	363113	55505	6338	48967	29314	2151	27163	3547	739	2808	31493	284175 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbMGdArth	binary	ALL	Surveys	Disease Diagnosis	Takes medication for gout?	400434	27454	376540	55505	4708	50797	29314	1396	27518	3547	573	2974	20817	294851 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbMGdA	binary	ALL	Surveys	Disease Diagnosis	Osteoarthritis	400434	61327	342707	55505	7222	48283	29314	3657	27637	3547	472	3075	49976	265892 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbMGdMed	binary	ALL	Surveys	Disease Diagnosis	Takes medication for Osteoarthritis?	400434	32783	371251	55505	4686	50819	29314	2007	27307	3547	258	3289	289836 NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE		
SlbMGdOPMed	binary	AFAGE	Surveys	Disease Diagnosis	Osteoporosis	400434	14731	385796	55505	1498	54807	29314	1029	28285 NA	NA	NA	315668	12204	303464 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbMGdOth	binary	ALL	Surveys	Disease Diagnosis	Takes medication for osteoporosis?	400434	9511	390966	55505	1154	54551	29314	671	28643 NA	NA	NA	315668	7696	307972 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbMGdOthMed	binary	ALL	Surveys	Disease Diagnosis	Other skeletal/muscular problem	400434	81640	332394	55505	45366	45366	29314	6242	23072	3547	662	2885	315668	64597	251071 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbMGdOthArth	binary	ALL	Surveys	Disease Diagnosis	Other Arthritis	400434	92712	311322	55505	13856	41649	29314	6382	22922	3547	653	2894	315668	71811	243857 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlbMGdOthMedMed	binary	ALL	Surveys	Disease Diagnosis	Takes medication for other arthritis?	400434	403631	363641	55505	7417	48088	29314	2841	26473	3547	307	3240	285840 NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE		
SlbMGdOthMedMed	binary	ALL	Surveys	Disease Diagnosis	Takes medication for other skeletal/muscular problem?	400434	39410	364624	55505	6044	49461	29314	3177	26137	3547	329	3218	315668	28960	285808 NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
SlbMARA	binary	ALL	Surveys	Disease Diagnosis	Rheumatoid Arthritis	400434	35763	368271	55505	7050	48455	29314	2839	26475	3547	341	3206	315668	25533	290335 NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
SlbMARAmed	binary	ALL	Surveys	Disease Diagnosis	Takes medication for Rheumatoid Arthritis?	400434	20646	383388	55505	4384	51121	29314	1609	27705	3547	215	3312	315668	14418	301230 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
SlpCaDoY	binary	ALL	Surveys	Sleep	Feeling excessively sleepy during the day (does not include regular naps)	301481	72619	228862	35351	9617	25734	19963	5655	14308	2291	586	1705	243876	56761	187115 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
SlpFall	binary	ALL	Surveys	Sleep	Trouble falling asleep when you first go to bed	301481	103079	198402	35351	15498	19863	19963	8448	15155	2291	864	1427	243876	165607 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlpInsat	binary	ALL	Surveys	Sleep	Waking unsatisfied or not rested by your night's sleep	301481	118916	182565	35351	14502	20849	19963	9171	10792	2291	953	1338	243876	94290	149586 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
SlpWakeAM	binary	ALL	Surveys	Sleep	Waking up in the morning earlier than planned or desired	301481	110677	190804	35351	14806	20545	19963	8409	15104	2291	999	1292	243876	86413	157463 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
SlpWakePM	binary	ALL	Surveys	Sleep	Waking up during the night and not easily going back to sleep	301481	134758	166723	35351	18414	16937	19963	9596	10367	2291	977	1314	243876	105771	138105 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
SlmK100	binary	ALL	Surveys	Smoking	In your lifetime, have you smoked a total of at least 100 cigarettes?	394138	280699	111439	53416	33244	18172	28404	18038	10366	3385	1841	1544	308933	83357 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlmKAge_INT	qt	ALL	Surveys	Smoking	At what age did you start to smoke cigarettes regularly? (inv-normal transformed)	183532 NA	NA	20602 NA	183532 NA	NA	20602 NA	183532 NA	NA	1077 NA	NA	NA	150551 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlmKChewConv	binary	AFAGE	Surveys	Smoking	Smokeless tobacco (Chewing tobacco or snuff)	25564	33945	221749	29548	1995	27553	17251	1897	13354 NA	NA	NA	208995	178842 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlmKCur	binary	ALL	Surveys	Smoking	Do you currently smoke cigarettes?	202070	41581	100489	22130	7968	14162	12377	2697	9680	1257	205	1052	166306	30711	135595 NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
SlmKQty	binary	AFAGE	Surveys	Smoking	Have you ever smoked daily or almost every day for at least 1 year?	249462	247186	2276	30756	30313	14745	16951	14745	206 NA	NA	NA	1052	203755	252128	1627 SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
SlmKNewConv	binary	ALL	Surveys	Smoking	Do you smoke now?	290568	73780	14691	37909	15678	23187	17804	1907	16027	1956	417	1539	231654	178084 NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlmKOthConv	binary	AFAGE	Surveys	Smoking	Other tobacco products	235729	10293	225436	28639	1816	26823	16413	930	15483 NA	NA	NA	190077	183130 NOT_SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
SlmKYS_INT	qt	ALL	Surveys	Smoking	How many years have you or did you smoke cigarettes? (inv-normal transformed)	188898 NA	NA	188898 NA	188898 NA	NA	188898 NA	188898 NA	NA	11563 NA	NA	NA	154894 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Sodium_BSP_Max_INT	qt	ALL	Labo	Labo	sodium (maximum, inv-norm transformed)	602525 NA	NA	602525 NA	602525 NA	NA	602525 NA	602525 NA	NA	6312 NA	NA	NA	421132 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Sodium_BSP_Mean_INT	qt	ALL	Labo	Labo	sodium (mean, inv-norm transformed)	603444 NA	NA	603444 NA	603444 NA	NA	603444 NA	603444 NA	NA	57407 NA	NA	NA	421240 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Sodium_BSP_Min_INT	qt	ALL	Labo	Labo	sodium (minimum, inv-norm transformed)	603171 NA	NA	603171 NA	603171 NA	NA	603171 NA	603171 NA	NA	57381 NA	NA	NA	421073 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Systolic_Max_INT	qt	ALL	Vitals	Vitals	systolic blood pressure (SBP, maximum, inv-norm transformed)	609497 NA	NA	609497 NA	609497 NA	NA	609497 NA	609497 NA	NA	57991 NA	NA	NA	425750 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Systolic_Mean_INT	qt	ALL	Vitals	Vitals	systolic blood pressure (SBP, mean, inv-norm transformed)	609479 NA	NA	609479 NA	609479 NA	NA	609479 NA	609479 NA	NA	57988 NA	NA	NA	425740 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Systolic_Min_INT	qt	ALL	Vitals	Vitals	systolic blood pressure (SBP, minimum, inv-norm transformed)	609440 NA	NA	609440 NA	609440 NA	NA	609440 NA	609440 NA	NA	57985 NA	NA	NA	425711 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Total_Iron_Max_INT	qt	AFAGE	Labo	Labo	total iron (maximum, inv-norm transformed)	138550 NA	NA	138550 NA	138550 NA	NA	138550 NA	138550 NA	NA	2124 NA	NA	NA	115566 NA	NA	SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Total_Iron_Mean_INT	qt	AFAGE	Labo	Labo	total iron (mean, inv-norm transformed)	138550 NA	NA	138550 NA	138550 NA	NA	138550 NA	138550 NA	NA	2124 NA	NA	NA	115567 NA	NA	SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Total_Iron_Min_INT	qt	AFAGE	Labo	Labo	total iron (minimum, inv-norm transformed)	138550 NA	NA	138550 NA	138550 NA	NA	138550 NA	138550 NA	NA	2124 NA	NA	NA	115567 NA	NA	SENSITIVE	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
TotalCK_Max_INT	qt	ALL	Labo	Labo	total creatine kinase (maximum, inv-norm transformed)	1159212 NA	NA	1159212 NA	1159212 NA	NA	1159212 NA	1159212 NA	NA	10630 NA	NA	NA	82557 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
TotalCK_Mean_INT	qt	ALL	Labo	Labo	total creatine kinase (mean, inv-norm transformed)	1159212 NA	NA	1159212 NA	1159212 NA	NA	1159212 NA	1159212 NA	NA	10635 NA	NA	NA	82594 NA	NA	NOT_SENSITIVE</							

Column	Description
Trait	variable name
Trait_Type	binary or quantitative
Meta_Group	cohorts contributing to meta-analysis
Category	Main Category
SubCategory	Sub Category
Description	Human-readable variable name
num_samples.META	total number of samples (meta-analysis)
num_cases.META	total number of cases (meta-analysis)
num_controls.META	total number of controls (meta-analysis)
num_samples.AFR	total number of samples (African American)
num_cases.AFR	total number of cases (African American)
num_controls.AFR	total number of controls (African American)
num_samples.ASN	total number of samples (Asian American)
num_cases.ASN	total number of cases (Asian American)
num_controls.ASN	total number of controls (Asian American)
num_samples.EUR	total number of samples (European American)
num_cases.EUR	total number of cases (European American)
num_controls.EUR	total number of controls (European American)
num_samples.HIS	total number of samples (Hispanic/Latino American)
num_cases.HIS	total number of cases (Hispanic/Latino American)
num_controls.HIS	total number of controls (Hispanic/Latino American)
dbgap_cat.AFR	dbGAP category based on sample size (African American)
dbgap_cat.ASN	dbGAP category based on sample size (Asian American)
dbgap_cat.EUR	dbGAP category based on sample size (European American)
dbgap_cat.HIS	dbGAP category based on sample size (Hispanic/Latino American)
dbgap_cat.pheno	dbGAP category based on phenotype

Coding
"binary" = binary, "qt" = quantitative
"ALL" = AFR, ASN, EUR & HIS; "AEH" = AFR, EUR & HIS; "AE" = AFR & EUR; "EH" = EUR & HIS
PheCodes, Labs, Vitals, or Surveys
Sub Categories if needed

"NOT_SENSITIVE" = going to dbGaP or CIPHER; "SENSITIVE" = not going to dbGaP or CIPHER
"NOT_SENSITIVE" = going to dbGaP or CIPHER; "SENSITIVE" = not going to dbGaP or CIPHER
"NOT_SENSITIVE" = going to dbGaP or CIPHER; "SENSITIVE" = not going to dbGaP or CIPHER
"NOT_SENSITIVE" = going to dbGaP or CIPHER; "SENSITIVE" = not going to dbGaP or CIPHER
"NOT_SENSITIVE" = going to dbGaP or CIPHER; "SENSITIVE" = not going to dbGaP or CIPHER



Trait	Trait_Type	Meta_Group	Category	SubCategory	Description	num_samples.META	num_cases.META	num_controls.META	num_samples.AFR	num_cases.AFR	num_controls.AFR	num_samples.ASN	num_cases.ASN	num_controls.ASN	num_samples.EUR	num_cases.EUR	num_controls.EUR	num_samples.HIS	num_cases.HIS	num_controls.HIS	dbgap_cat.AFR	dbgap_cat.ASN	dbgap_cat.EUR	dbgap_cat.HIS	dbgap_cat.pheno
ALT_Max	qt	ALL	LABS	LABS	hemoglobin A1c (HbA1c, maximum)	491658	NA	NA	88621	NA	NA	6411	NA	NA	344249	NA	NA	42377	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
A1C_Max_INT	qt	ALL	LABS	LABS	hemoglobin A1c (HbA1c, maximum, inv-norm transformed)	491658	NA	NA	88621	NA	NA	6411	NA	NA	344249	NA	NA	42377	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
A1C_Mean	qt	ALL	LABS	LABS	hemoglobin A1c (HbA1c, mean)	491603	NA	NA	98584	NA	NA	6408	NA	NA	344240	NA	NA	42371	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
A1C_Mean_INT	qt	ALL	LABS	LABS	hemoglobin A1c (HbA1c, mean, inv-norm transformed)	491603	NA	NA	98584	NA	NA	6408	NA	NA	344240	NA	NA	42371	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
A1C_Min	qt	ALL	LABS	LABS	hemoglobin A1c (HbA1c, minimum)	491152	NA	NA	98427	NA	NA	6395	NA	NA	344024	NA	NA	42306	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
A1C_Min_INT	qt	ALL	LABS	LABS	hemoglobin A1c (HbA1c, minimum, inv-norm transformed)	491152	NA	NA	98427	NA	NA	6395	NA	NA	344024	NA	NA	42306	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Albumin_Max	qt	ALL	LABS	LABS	albumin (maximum)	541042	NA	NA	110142	NA	NA	6742	NA	NA	378974	NA	NA	45727	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Albumin_Max_INT	qt	ALL	LABS	LABS	albumin (maximum, inv-norm transformed)	541585	NA	NA	110142	NA	NA	6742	NA	NA	378974	NA	NA	45727	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Albumin_Mean	qt	ALL	LABS	LABS	albumin (mean)	541589	NA	NA	110126	NA	NA	6741	NA	NA	378988	NA	NA	45724	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Albumin_Mean_INT	qt	ALL	LABS	LABS	albumin (mean, inv-norm transformed)	541589	NA	NA	110136	NA	NA	6741	NA	NA	378988	NA	NA	45724	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Albumin_Min	qt	ALL	LABS	LABS	albumin (minimum)	541633	NA	NA	110153	NA	NA	6742	NA	NA	379009	NA	NA	45729	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Albumin_Min_INT	qt	ALL	LABS	LABS	albumin (minimum, inv-norm transformed)	541633	NA	NA	110153	NA	NA	6742	NA	NA	379009	NA	NA	45729	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
AlcConc_Conv	binary	ALL	LABS	Smoking	Do you drink alcohol?	296086	140317	155769	34538	18872	15666	3665	1399	1266	242404	111918	130486	16479	8128	835	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
ALT_Max	qt	ALL	LABS	LABS	alanine transaminase (ALT, maximum)	583410	NA	NA	114941	NA	NA	7151	NA	NA	413253	NA	NA	48065	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
ALT_Max_INT	qt	ALL	LABS	LABS	alanine transaminase (ALT, maximum, inv-norm transformed)	583410	NA	NA	114941	NA	NA	7151	NA	NA	413253	NA	NA	48065	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
ALT_Mean	qt	ALL	LABS	LABS	alanine transaminase (ALT, mean)	583319	NA	NA	114947	NA	NA	7140	NA	NA	413259	NA	NA	47973	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
ALT_Mean_INT	qt	ALL	LABS	LABS	alanine transaminase (ALT, mean, inv-norm transformed)	583319	NA	NA	114947	NA	NA	7140	NA	NA	413259	NA	NA	47973	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
ALT_Min	qt	ALL	LABS	LABS	alanine transaminase (ALT, minimum)	583143	NA	NA	114948	NA	NA	7114	NA	NA	413236	NA	NA	47845	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
ALT_Min_INT	qt	ALL	LABS	LABS	alanine transaminase (ALT, minimum, inv-norm transformed)	583143	NA	NA	114948	NA	NA	7114	NA	NA	413236	NA	NA	47845	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
AST_Max	qt	ALL	LABS	LABS	aspartate aminotransferase (AST, maximum)	561463	NA	NA	112365	NA	NA	6912	NA	NA	395659	NA	NA	46527	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
AST_Max_INT	qt	ALL	LABS	LABS	aspartate aminotransferase (AST, maximum, inv-norm transformed)	561463	NA	NA	112365	NA	NA	6912	NA	NA	395659	NA	NA	46527	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
AST_Mean	qt	ALL	LABS	LABS	aspartate aminotransferase (AST, mean)	561051	NA	NA	112244	NA	NA	6904	NA	NA	395443	NA	NA	46460	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
AST_Mean_INT	qt	ALL	LABS	LABS	aspartate aminotransferase (AST, mean, inv-norm transformed)	561051	NA	NA	112244	NA	NA	6904	NA	NA	395443	NA	NA	46460	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
AST_Min	qt	ALL	LABS	LABS	aspartate aminotransferase (AST, minimum)	561068	NA	NA	112160	NA	NA	6903	NA	NA	395579	NA	NA	46426	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
AST_Min_INT	qt	ALL	LABS	LABS	aspartate aminotransferase (AST, minimum, inv-norm transformed)	561068	NA	NA	112160	NA	NA	6903	NA	NA	395579	NA	NA	46426	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Baso_Abs_Max_INT	qt	ALL	LABS	LABS	basophil (absolute count, maximum, inv-norm transformed)	226798	NA	NA	45768	NA	NA	2637	NA	NA	106570	NA	NA	17623	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Baso_Abs_Mean	qt	ALL	LABS	LABS	basophil (absolute count, mean, inv-norm transformed)	226888	NA	NA	45807	NA	NA	2638	NA	NA	106706	NA	NA	17636	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Baso_Abs_Min_INT	qt	ALL	LABS	LABS	basophil (absolute count, minimum, inv-norm transformed)	227019	NA	NA	45808	NA	NA	2840	NA	NA	160734	NA	NA	17637	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Baso_Fra_Max	qt	ALL	LABS	LABS	basophil (fraction, maximum)	329581	NA	NA	67344	NA	NA	4639	NA	NA	225659	NA	NA	31939	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Baso_Fra_Max_INT	qt	ALL	LABS	LABS	basophil (fraction, maximum, inv-norm transformed)	329581	NA	NA	67344	NA	NA	4639	NA	NA	225659	NA	NA	31939	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Baso_Fra_Mean	qt	ALL	LABS	LABS	basophil (fraction, mean, inv-norm transformed)	329581	NA	NA	67344	NA	NA	4639	NA	NA	225659	NA	NA	31939	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Baso_Fra_Min_INT	qt	ALL	LABS	LABS	basophil (fraction, minimum, inv-norm transformed)	329581	NA	NA	67344	NA	NA	4639	NA	NA	225659	NA	NA	31939	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Bicarbonate_Max	qt	ALL	LABS	LABS	bicarbonate (maximum)	112664	NA	NA	112664	NA	NA	6522	NA	NA	418736	NA	NA	46540	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Bicarbonate_Max_INT	qt	ALL	LABS	LABS	bicarbonate (maximum, inv-norm transformed)	584462	NA	NA	112664	NA	NA	6522	NA	NA	418736	NA	NA	46540	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Bicarbonate_Mean	qt	ALL	LABS	LABS	bicarbonate (mean)	584760	NA	NA	112711	NA	NA	6522	NA	NA	418978	NA	NA	46549	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Bicarbonate_Mean_INT	qt	ALL	LABS	LABS	bicarbonate (mean, inv-norm transformed)	584760	NA	NA	112711	NA	NA	6522	NA	NA	418978	NA	NA	46549	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Bicarbonate_Min	qt	ALL	LABS	LABS	bicarbonate (minimum)	584769	NA	NA	112711	NA	NA	6522	NA	NA	418991	NA	NA	46545	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Bicarbonate_Min_INT	qt	ALL	LABS	LABS	bicarbonate (minimum, inv-norm transformed)	584769	NA	NA	112711	NA	NA	6522	NA	NA	418991	NA	NA	46545	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
BNP_Max	qt	AEH	LABS	LABS	brain natriuretic peptide (BNP, maximum)	31071	NA	NA	5819	NA	NA	NA	NA	NA	23110	NA	NA	2142	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
BNP_Max_INT	qt	AEH	LABS	LABS	brain natriuretic peptide (BNP, maximum, inv-norm transformed)	31071	NA	NA	5819	NA	NA	NA	NA	NA	23110	NA	NA	2142	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
BNP_Mean	qt	AEH	LABS	LABS	brain natriuretic peptide (BNP, mean)	31088	NA	NA	5826	NA	NA	NA	NA	NA	23119	NA	NA	2143	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
BNP_Mean_INT	qt	AEH	LABS	LABS	brain natriuretic peptide (BNP, mean, inv-norm transformed)	31088	NA	NA	5826	NA	NA	NA	NA	NA	23119	NA	NA	2143	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
BNP_Min	qt	AEH	LABS	LABS	brain natriuretic peptide (BNP, minimum)	31078	NA	NA	5828	NA	NA	NA	NA	NA	23107	NA	NA	2143	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
BNP_Min_INT	qt	AEH	LABS	LABS	brain natriuretic peptide (BNP, minimum, inv-norm transformed)	31078	NA	NA	5828	NA	NA	NA	NA	NA	23107	NA	NA	2143	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
BUN_BSP_Max	qt	ALL	LABS	LABS	blood urea nitrogen (BUN, maximum)	598286	NA	NA	117356	NA	NA	7416	NA	NA	424793	NA	NA	48721	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
BUN_BSP_Max_INT	qt	ALL	LABS	LABS	blood urea nitrogen (BUN, maximum, inv-norm transformed)	598286	NA	NA	117356	NA	NA	7416	NA	NA	424793	NA	NA	48721	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
BUN_BSP_Mean	qt	ALL	LABS	LABS	blood urea nitrogen (BUN, mean)	599244	NA	NA	117699	NA	NA	7424	NA	NA	425309	NA	NA	48812	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
BUN_BSP_Mean_INT	qt	ALL	LABS	LABS	blood urea nitrogen (BUN, mean, inv-norm transformed)	599244	NA	NA	117699	NA	NA	7424	NA	NA	425309	NA	NA	48812	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
BUN_BSP_Min	qt	ALL	LABS	LABS	blood urea nitrogen (BUN, minimum)	600123	NA	NA	117988	NA	NA	7439	NA	NA	425798	NA	NA	48898	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
BUN_BSP_Min_INT	qt	ALL	LABS	LABS	blood urea nitrogen (BUN, minimum, inv-norm transformed)	600123	NA	NA	117988	NA	NA	7439	NA	NA	425798	NA	NA	48898	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
CaIst	binary	AE	Surveys	Disease Diagnosis	Breast Cancer	372960	2106	372960	55431	437	54994	NA	NA	NA	319635	1669	317966	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
CaIstMed	binary	AE	Surveys	Disease Diagnosis	Takes medication for breast cancer?	375066	1465	373601	55431	377	55054	NA	NA	NA	319635	1088	318547	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
CaColon	binary	AEH	Surveys	Disease Diagnosis	Colon Cancer/Rectal Cancer	400008	7555	400008	55431	875	54553	NA	NA	NA	319635	6133	313502	24942	344	24598	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
CaColonMed	binary	AE	Surveys	Disease Diagnosis	Takes medication for colon cancer/rectal cancer?	375066	1913	373153	55431	435	54996	NA	NA	NA	319635	1478	318157	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Calcium_rg_Max	qt	ALL	LABS	LABS	calcium (maximum)	355521	NA	NA	73932	NA	NA	4317	NA	NA	254818	NA	NA	22454	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Calcium_rg_Max_INT	qt	ALL	LABS	LABS	calcium (maximum, inv-norm transformed)	355521	NA	NA	73932	NA	NA	4317	NA	NA	254818	NA	NA	22454	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Calcium_rg_Mean	qt	ALL	LABS	LABS	calcium (mean)	355519	NA	NA	73985	NA	NA	4314	NA	NA	22458	NA	NA	22458	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Calcium_rg_Mean_INT	qt	ALL	LABS	LABS	calcium (mean, inv-norm transformed)	355519	NA	NA	73985	NA	NA	4314	NA	NA	22458	NA	NA	22458	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Calcium_rg_Min	qt	ALL	LABS	LABS	calcium (minimum)	358710	NA	NA	74591	NA	NA	4353	NA	NA	257009	NA	NA	2							

DoAgnea	binary	ALL	Surveys	Disease Diagnosis	Sleep apnea	404176	104695	299481	55431	15449	39982	4168	1202	2966	319635	80551	239084	24942	7493	17449 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
DoApneaMed	binary	ALL	Surveys	Disease Diagnosis	Takes medication for Sleep apnea?	404176	13564	370612	55431	6343	49088	4168	331	3837	319635	24398	295237	24942	2492	22450 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
DoAsth	binary	ALL	Surveys	Disease Diagnosis	Asthma	404176	35603	368573	55431	5673	49758	4168	467	3701	319635	27038	292597	24942	2425	22517 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
DoAsthMed	binary	ALL	Surveys	Disease Diagnosis	Takes medication for asthma?	404176	25179	378997	55431	4255	51176	4168	318	3850	319635	18903	300732	24942	1703	22329 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
DoDM	binary	ALL	Surveys	Disease Diagnosis	Diabetes / "Sugar"	404176	106745	297451	55431	16717	238468	4168	1111	3857	319635	81167	238468	24942	7750	17192 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
DoDiMMed	binary	ALL	Surveys	Disease Diagnosis	Takes medication for Diabetes/Sugar?	404176	89370	314006	55431	13955	41416	4168	335	3233	319635	67938	251697	24942	6542	18400 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Doliver	binary	AEH	Surveys	Disease Diagnosis	Liver condition (ex. Cirrhosis)	400008	11661	388347	55431	1950	53481 NA	NA	NA	NA	319635	8572	311063	24942	1139	23803 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
DoliverMed	binary	AEH	Surveys	Disease Diagnosis	Takes medication for liver condition (ex. Cirrhosis)?	400008	3747	396261	55431	765	54666 NA	NA	NA	NA	319635	2632	317003	24942	350	24592 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Dolung	binary	ALL	Surveys	Disease Diagnosis	Chronic lung diseases including COPD, Emphysema and Bronchitis	404176	45138	359038	55431	4388	51043	4168	219	3949	319635	39136	280499	24942	1395	23547 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
DolungMed	binary	AEH	Surveys	Disease Diagnosis	Takes medication for Chronic lung diseases including COPD, Emphysema and Bronchitis?	400008	2051	369163	55431	2302	52229 NA	NA	NA	NA	319635	26716	292919	24942	6927	24015 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
DoSkin	binary	ALL	Surveys	Disease Diagnosis	Skin condition (ex. Eczema, Psoriasis)	404176	42683	361493	55431	6058	49373	4168	647	3521	319635	33402	286233	24942	2576	22366 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
DoSkinMed	binary	ALL	Surveys	Disease Diagnosis	Takes medication for Skin condition (ex. Eczema, Psoriasis)?	404176	23666	380510	55431	3690	51174	4168	385	3783	319635	18140	301495	24942	1451	23491 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
DoThy	binary	ALL	Surveys	Disease Diagnosis	Thyroid problems	404176	398931	364337	55431	3582	51849	4168	308	3860	319635	33757	268578	24942	2192	22750 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
DoThyMed	binary	ALL	Surveys	Disease Diagnosis	Takes medication for Thyroid problems?	404176	30959	373225	55431	2432	52999	4168	213	3955	319635	26620	293015	24942	1686	23256 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
eGFR_Max	qt	ALL	LABS	LABS	estimated glomerular filtration rate (eGFR, maximum)	570558 NA	NA	NA	110669 NA	NA	NA	7318 NA	NA	NA	405339 NA	NA	NA	47232 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
eGFR_Max_INT	qt	ALL	LABS	LABS	estimated glomerular filtration rate (eGFR, maximum, inv-norm transformed)	570558 NA	NA	NA	110669 NA	NA	NA	7318 NA	NA	NA	405337 NA	NA	NA	47236 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
eGFR_Mean	qt	ALL	LABS	LABS	estimated glomerular filtration rate (eGFR, mean)	570563 NA	NA	NA	110674 NA	NA	NA	7316 NA	NA	NA	405337 NA	NA	NA	47236 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
eGFR_Mean_INT	qt	ALL	LABS	LABS	estimated glomerular filtration rate (eGFR, mean, inv-norm transformed)	570563 NA	NA	NA	110674 NA	NA	NA	7316 NA	NA	NA	405337 NA	NA	NA	47236 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
eGFR_Min	qt	ALL	LABS	LABS	estimated glomerular filtration rate (eGFR, minimum)	570558 NA	NA	NA	110671 NA	NA	NA	7315 NA	NA	NA	405338 NA	NA	NA	47234 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
eGFR_Min_INT	qt	ALL	LABS	LABS	estimated glomerular filtration rate (eGFR, minimum, inv-norm transformed)	570558 NA	NA	NA	110671 NA	NA	NA	7315 NA	NA	NA	405338 NA	NA	NA	47234 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Eos_Abs_Max_INT	qt	ALL	LABS	LABS	eosinophil (absolute count, maximum, inv-norm transformed)	446855 NA	NA	NA	90205 NA	NA	NA	4831 NA	NA	NA	315272 NA	NA	NA	36547 NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Eos_Abs_Max_INT	qt	ALL	LABS	LABS	eosinophil (absolute count, mean, inv-norm transformed)	447084 NA	NA	NA	90247 NA	NA	NA	4832 NA	NA	NA	315447 NA	NA	NA	36558 NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Eos_Abs_Max_INT	qt	ALL	LABS	LABS	eosinophil (absolute count, minimum, inv-norm transformed)	447212 NA	NA	NA	90278 NA	NA	NA	4836 NA	NA	NA	315531 NA	NA	NA	36567 NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Eos_Fra_Max	qt	ALL	LABS	LABS	eosinophil (fraction, maximum)	484968 NA	NA	NA	97852 NA	NA	NA	5488 NA	NA	NA	340956 NA	NA	NA	40672 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Eos_Fra_Max_INT	qt	ALL	LABS	LABS	eosinophil (fraction, maximum, inv-norm transformed)	484968 NA	NA	NA	97852 NA	NA	NA	5488 NA	NA	NA	340956 NA	NA	NA	40672 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Eos_Fra_Max_INT	qt	ALL	LABS	LABS	eosinophil (fraction, mean)	484968 NA	NA	NA	97852 NA	NA	NA	5488 NA	NA	NA	340956 NA	NA	NA	40672 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Eos_Fra_Mean_INT	qt	ALL	LABS	LABS	eosinophil (fraction, mean, inv-norm transformed)	484968 NA	NA	NA	97852 NA	NA	NA	5488 NA	NA	NA	340956 NA	NA	NA	40672 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Eos_Fra_Min	qt	ALL	LABS	LABS	eosinophil (fraction, minimum)	484968 NA	NA	NA	97852 NA	NA	NA	5488 NA	NA	NA	340956 NA	NA	NA	40672 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Eos_Fra_Min_INT	qt	ALL	LABS	LABS	eosinophil (fraction, minimum, inv-norm transformed)	484968 NA	NA	NA	97852 NA	NA	NA	5488 NA	NA	NA	340956 NA	NA	NA	40672 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
ESR_Max	qt	AEH	LABS	LABS	erythrocyte sedimentation rate (ESR, maximum)	62869 NA	NA	NA	11904 NA	NA	NA	4833 NA	NA	NA	46132 NA	NA	NA	4833 NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
ESR_Max_INT	qt	AEH	LABS	LABS	erythrocyte sedimentation rate (ESR, maximum, inv-norm transformed)	62869 NA	NA	NA	11904 NA	NA	NA	4833 NA	NA	NA	46132 NA	NA	NA	4833 NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
ESR_Mean	qt	AEH	LABS	LABS	erythrocyte sedimentation rate (ESR, mean)	62869 NA	NA	NA	11904 NA	NA	NA	4833 NA	NA	NA	46132 NA	NA	NA	4833 NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
ESR_Mean_INT	qt	AEH	LABS	LABS	erythrocyte sedimentation rate (ESR, mean, inv-norm transformed)	62869 NA	NA	NA	11904 NA	NA	NA	4833 NA	NA	NA	46132 NA	NA	NA	4833 NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
ESR_Min	qt	AEH	LABS	LABS	erythrocyte sedimentation rate (ESR, minimum)	62865 NA	NA	NA	11903 NA	NA	NA	4833 NA	NA	NA	46129 NA	NA	NA	4833 NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
ESR_Min_INT	qt	AEH	LABS	LABS	erythrocyte sedimentation rate (ESR, minimum, inv-norm transformed)	62865 NA	NA	NA	11903 NA	NA	NA	4833 NA	NA	NA	46129 NA	NA	NA	4833 NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Ferritin_Max	qt	ALL	LABS	LABS	ferritin (maximum)	133998 NA	NA	NA	30684 NA	NA	NA	1369 NA	NA	NA	91027 NA	NA	NA	10018 NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Ferritin_Max_INT	qt	ALL	LABS	LABS	ferritin (maximum, inv-norm transformed)	133998 NA	NA	NA	30684 NA	NA	NA	1369 NA	NA	NA	91027 NA	NA	NA	10018 NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Ferritin_Mean	qt	ALL	LABS	LABS	ferritin (mean)	133116 NA	NA	NA	30691 NA	NA	NA	1366 NA	NA	NA	91036 NA	NA	NA	10023 NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Ferritin_Mean_INT	qt	ALL	LABS	LABS	ferritin (mean, inv-norm transformed)	133116 NA	NA	NA	30691 NA	NA	NA	1366 NA	NA	NA	91036 NA	NA	NA	10023 NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Ferritin_Min	qt	ALL	LABS	LABS	ferritin (minimum)	133129 NA	NA	NA	30688 NA	NA	NA	1368 NA	NA	NA	91044 NA	NA	NA	10019 NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Ferritin_Min_INT	qt	ALL	LABS	LABS	ferritin (minimum, inv-norm transformed)	133129 NA	NA	NA	30688 NA	NA	NA	1368 NA	NA	NA	91044 NA	NA	NA	10019 NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
GiCellaMed	binary	AE	Surveys	Disease Diagnosis	Takes medication for celiac disease/sprue?	375066	1087	373979	55431	242	55189 NA	NA	NA	NA	319635	845	318790 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
GiCrohn	binary	AE	Surveys	Disease Diagnosis	Crohn's Disease	375066	2598	372468	55431	314	55117 NA	NA	NA	NA	319635	2284	317351 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
GiCrohnMed	binary	AE	Surveys	Disease Diagnosis	Takes medication for Crohn's disease?	375066	2362	372704	55431	387	55044 NA	NA	NA	NA	319635	1975	317660 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
GiIBS	binary	AEH	Surveys	Disease Diagnosis	Irritable Bowel Syndrome (IBS)	400008	380401	396017	55431	2432	52992 NA	NA	NA	NA	319635	16029	24942	24942	1158	23786 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
GiIBSMed	binary	AEH	Surveys	Disease Diagnosis	Takes medication for irritable bowel syndrome (IBS)?	400008	8094	391914	55431	1318	531379	4168	520	31379	319635	6256	313739	24942	520	24422 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
GiObst	binary	AEH	Surveys	Disease Diagnosis	Bowel obstruction	400008	9993	390015	55431	1795	53636 NA	NA	NA	NA	319635	7490	312145	24942	708	24234 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
GiObstMed	binary	AEH	Surveys	Disease Diagnosis	Takes medication for bowel obstruction?	400008	4496	395512	55431	1089	54342 NA	NA	NA	NA	319635	3026	316609	24942	381	24561 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
GiOph	binary	AEH	Surveys	Disease Diagnosis	Other digestive system problems	400008	22117	377891	55431	2659	52772 NA	NA	NA	NA	319635	17913	301722	24942	1545	23397 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
GiOphMed	binary	AEH	Surveys	Disease Diagnosis	Takes medication for other digestive system problems?	400008	10207	389801	55431	1567	53964 NA	NA	NA	NA	319635	7935	311700	24942	705	24237 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
GiPoly	binary	ALL	Surveys	Disease Diagnosis	Colon Polyps	404176	88239	315937	55431	8529	46902	4168	702	3466	319635	74480	245155	24942	4528	20414 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
GiPolyMed	binary	AEH	Surveys	Disease Diagnosis	Takes medication for colon polyps?	400008	6045	393963	55431	1155	535197	4168	NA	NA	319635	4438	315197	24942	452	24490 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
GiReflux	binary	ALL	Surveys	Disease Diagnosis	Acid Reflux/GERD	404176	133853	270323	55431	16159	39272	4168	971	3197	319635	109241	220394	24942	7482	17460 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
GiRefluxMed	binary	ALL	Surveys	Disease Diagnosis	Takes medication for acid reflux/GERD?	404176	106222	325647	55431	12547	42785	4168	703	3465	319635	87184	232451	24942	5899	19253 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
GiUC	binary	AEH	Surveys	Disease Diagnosis	Ulcerative Colitis	400008	5110	394898	55431	517	54914 NA	NA	NA	NA	319635	4297	315338	24942	296	24646 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
GiUCMed	binary	AEH	Surveys	Disease Diagnosis	Takes medication for ulcerative colitis?	400008	3358	396650	55431	490	54941 NA	NA	NA	NA	319635	2667	316968	24942	201	24741 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
GiUlcir	binary	AEH	Surveys	Disease Diagnosis	Peptic Ulcers	400008	13963	386045	55431	2070	53361 NA	NA	NA	NA	319635	11048	308587	24942	845	24097 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
GiUlcirMed	binary	AEH	Surveys	Disease Diagnosis																				

Lymph_Abs_Mean_INT	qt	ALL	LABS	LABS	lymphocyte (absolute count, mean, inv-norm transformed)	363848 NA	NA	70378 NA	NA	4511 NA	NA	257077 NA	NA	31882 NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Lymph_Abs_Min	qt	ALL	LABS	LABS	lymphocyte (absolute count, minimum)	364040 NA	NA	70395 NA	NA	4511 NA	NA	257240 NA	NA	31894 NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Lymph_Abs_Min_INT	qt	ALL	LABS	LABS	lymphocyte (absolute count, minimum, inv-norm transformed)	364040 NA	NA	70395 NA	NA	4511 NA	NA	257240 NA	NA	31894 NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Lymph_Fra_Max	qt	ALL	LABS	LABS	lymphocyte (fraction, maximum)	416555 NA	NA	81057 NA	NA	5019 NA	NA	295662 NA	NA	34817 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Lymph_Fra_Max_INT	qt	ALL	LABS	LABS	lymphocyte (fraction, maximum, inv-norm transformed)	416555 NA	NA	81057 NA	NA	5019 NA	NA	295662 NA	NA	34817 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Lymph_Fra_Mean	qt	ALL	LABS	LABS	lymphocyte (fraction, mean)	416555 NA	NA	81057 NA	NA	5019 NA	NA	295662 NA	NA	34817 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Lymph_Fra_Mean_INT	qt	ALL	LABS	LABS	lymphocyte (fraction, mean, inv-norm transformed)	416555 NA	NA	81057 NA	NA	5019 NA	NA	295662 NA	NA	34817 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Lymph_Fra_Min	qt	ALL	LABS	LABS	lymphocyte (fraction, minimum)	416555 NA	NA	81057 NA	NA	5019 NA	NA	295662 NA	NA	34817 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Lymph_Fra_Min_INT	qt	ALL	LABS	LABS	lymphocyte (fraction, minimum, inv-norm transformed)	416555 NA	NA	81057 NA	NA	5019 NA	NA	295662 NA	NA	34817 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
max_BMI	qt	ALL	VITALS	VITALS	body mass index (BMI, maximum)	606720 NA	NA	118819 NA	NA	7520 NA	NA	430969 NA	NA	49426 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
max_BMI_INT	qt	ALL	VITALS	VITALS	body mass index (BMI, maximum, inv-normal transformed)	606720 NA	NA	118819 NA	NA	7520 NA	NA	430969 NA	NA	49426 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
max_Diastolic	qt	ALL	VITALS	VITALS	diastolic blood pressure (DBP, maximum)	608676 NA	NA	119097 NA	NA	7567 NA	NA	432447 NA	NA	49565 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
max_Diastolic_INT	qt	ALL	VITALS	VITALS	diastolic blood pressure (DBP, maximum, inv-normal transformed)	608676 NA	NA	119097 NA	NA	7567 NA	NA	432447 NA	NA	49565 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
max_Height	qt	ALL	VITALS	VITALS	height (maximum)	606824 NA	NA	118835 NA	NA	7520 NA	NA	431043 NA	NA	49426 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
max_Height_INT	qt	ALL	VITALS	VITALS	height (maximum, inv-normal transformed)	606824 NA	NA	118835 NA	NA	7520 NA	NA	431043 NA	NA	49426 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
max_Pulse	qt	ALL	VITALS	VITALS	heart rate (HR, maximum)	608816 NA	NA	119159 NA	NA	7567 NA	NA	432517 NA	NA	49573 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
max_Pulse_INT	qt	ALL	VITALS	VITALS	heart rate (HR, maximum, inv-normal transformed)	608816 NA	NA	119159 NA	NA	7567 NA	NA	432517 NA	NA	49573 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
max_Systolic	qt	ALL	VITALS	VITALS	systolic blood pressure (SBP, maximum)	608819 NA	NA	119157 NA	NA	7568 NA	NA	432520 NA	NA	49574 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
max_Systolic_INT	qt	ALL	VITALS	VITALS	systolic blood pressure (SBP, maximum, inv-normal transformed)	608819 NA	NA	119157 NA	NA	7568 NA	NA	432520 NA	NA	49574 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
max_Weight	qt	ALL	VITALS	VITALS	weight (maximum)	608517 NA	NA	119107 NA	NA	7564 NA	NA	432307 NA	NA	49539 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
max_Weight_INT	qt	ALL	VITALS	VITALS	weight (maximum, inv-normal transformed)	608517 NA	NA	119107 NA	NA	7564 NA	NA	432307 NA	NA	49539 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MCH_Max	qt	ALL	LABS	LABS	mean corpuscular hemoglobin (MCH, maximum)	583156 NA	NA	114660 NA	NA	7021 NA	NA	413797 NA	NA	47678 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MCH_Max_INT	qt	ALL	LABS	LABS	mean corpuscular hemoglobin (MCH, maximum, inv-norm transformed)	583156 NA	NA	114660 NA	NA	7021 NA	NA	413797 NA	NA	47678 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MCH_Mean	qt	ALL	LABS	LABS	mean corpuscular hemoglobin (MCH, mean)	583225 NA	NA	114663 NA	NA	7024 NA	NA	413851 NA	NA	47687 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MCH_Mean_INT	qt	ALL	LABS	LABS	mean corpuscular hemoglobin (MCH, mean, inv-norm transformed)	583225 NA	NA	114663 NA	NA	7024 NA	NA	413851 NA	NA	47687 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MCH_Min	qt	ALL	LABS	LABS	mean corpuscular hemoglobin (MCH, minimum)	583182 NA	NA	114664 NA	NA	7024 NA	NA	413825 NA	NA	47689 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MCH_Min_INT	qt	ALL	LABS	LABS	mean corpuscular hemoglobin (MCH, minimum, inv-norm transformed)	583182 NA	NA	114664 NA	NA	7024 NA	NA	413825 NA	NA	47689 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MCHC_Max	qt	ALL	LABS	LABS	mean corpuscular hemoglobin concentration (MCHC, maximum)	583228 NA	NA	114665 NA	NA	7023 NA	NA	413852 NA	NA	47688 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MCHC_Max_INT	qt	ALL	LABS	LABS	mean corpuscular hemoglobin concentration (MCHC, maximum, inv-norm transformed)	583228 NA	NA	114665 NA	NA	7023 NA	NA	413852 NA	NA	47688 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MCHC_Mean	qt	ALL	LABS	LABS	mean corpuscular hemoglobin concentration (MCHC, mean)	583225 NA	NA	114659 NA	NA	7021 NA	NA	413854 NA	NA	47691 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MCHC_Mean_INT	qt	ALL	LABS	LABS	mean corpuscular hemoglobin concentration (MCHC, mean, inv-norm transformed)	583225 NA	NA	114659 NA	NA	7021 NA	NA	413854 NA	NA	47691 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MCHC_Min	qt	ALL	LABS	LABS	mean corpuscular hemoglobin concentration (MCHC, minimum)	583171 NA	NA	114648 NA	NA	7022 NA	NA	413808 NA	NA	47692 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MCHC_Min_INT	qt	ALL	LABS	LABS	mean corpuscular hemoglobin concentration (MCHC, minimum, inv-norm transformed)	583171 NA	NA	114648 NA	NA	7022 NA	NA	413808 NA	NA	47692 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MCV_Max	qt	ALL	LABS	LABS	mean corpuscular volume (MCV, maximum)	583173 NA	NA	114656 NA	NA	7030 NA	NA	413803 NA	NA	47684 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MCV_Max_INT	qt	ALL	LABS	LABS	mean corpuscular volume (MCV, maximum, inv-norm transformed)	583173 NA	NA	114656 NA	NA	7030 NA	NA	413803 NA	NA	47684 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MCV_Mean	qt	ALL	LABS	LABS	mean corpuscular volume (MCV, mean)	583249 NA	NA	114670 NA	NA	7031 NA	NA	413859 NA	NA	47689 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MCV_Mean_INT	qt	ALL	LABS	LABS	mean corpuscular volume (MCV, mean, inv-norm transformed)	583249 NA	NA	114670 NA	NA	7031 NA	NA	413859 NA	NA	47689 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MCV_Min	qt	ALL	LABS	LABS	mean corpuscular volume (MCV, minimum)	583259 NA	NA	114671 NA	NA	7031 NA	NA	413864 NA	NA	47693 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MCV_Min_INT	qt	ALL	LABS	LABS	mean corpuscular volume (MCV, minimum, inv-norm transformed)	583259 NA	NA	114671 NA	NA	7031 NA	NA	413864 NA	NA	47693 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
mean_BMI	qt	ALL	VITALS	VITALS	body mass index (BMI, mean)	606706 NA	NA	118817 NA	NA	7520 NA	NA	430960 NA	NA	49426 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
mean_BMI_INT	qt	ALL	VITALS	VITALS	body mass index (BMI, mean, inv-normal transformed)	606706 NA	NA	118817 NA	NA	7520 NA	NA	430960 NA	NA	49426 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
mean_Diastolic	qt	ALL	VITALS	VITALS	diastolic blood pressure (DBP, mean)	608809 NA	NA	119155 NA	NA	7567 NA	NA	432513 NA	NA	49574 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
mean_Diastolic_INT	qt	ALL	VITALS	VITALS	diastolic blood pressure (DBP, mean, inv-normal transformed)	608809 NA	NA	119155 NA	NA	7567 NA	NA	432513 NA	NA	49574 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
mean_Height	qt	ALL	VITALS	VITALS	height (mean)	606825 NA	NA	118836 NA	NA	7520 NA	NA	431043 NA	NA	49426 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
mean_Height_INT	qt	ALL	VITALS	VITALS	height (mean, inv-normal transformed)	606825 NA	NA	118836 NA	NA	7520 NA	NA	431043 NA	NA	49426 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
mean_Pulse	qt	ALL	VITALS	VITALS	heart rate (HR, mean)	608816 NA	NA	119159 NA	NA	7567 NA	NA	432517 NA	NA	49573 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
mean_Pulse_INT	qt	ALL	VITALS	VITALS	heart rate (HR, mean, inv-normal transformed)	608816 NA	NA	119159 NA	NA	7567 NA	NA	432517 NA	NA	49573 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
mean_Systolic	qt	ALL	VITALS	VITALS	systolic blood pressure (SBP, mean)	608802 NA	NA	119154 NA	NA	7566 NA	NA	432510 NA	NA	49572 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
mean_Systolic_INT	qt	ALL	VITALS	VITALS	systolic blood pressure (SBP, mean, inv-normal transformed)	608802 NA	NA	119154 NA	NA	7566 NA	NA	432510 NA	NA	49572 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
mean_Weight	qt	ALL	VITALS	VITALS	weight (mean)	608505 NA	NA	119102 NA	NA	7564 NA	NA	432300 NA	NA	49539 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
mean_Weight_INT	qt	ALL	VITALS	VITALS	weight (mean, inv-normal transformed)	608505 NA	NA	119102 NA	NA	7564 NA	NA	432300 NA	NA	49539 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Mg_BSP_Max_INT	qt	ALL	LABS	LABS	magnesium (Mg, maximum, inv-norm transformed)	209149 NA	NA	43521 NA	NA	1937 NA	NA	147744 NA	NA	15947 NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Mg_BSP_Max_INT	qt	ALL	LABS	LABS	magnesium (Mg, mean, inv-norm transformed)	209382 NA	NA	43560 NA	NA	1937 NA	NA	147921 NA	NA	15964 NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Mg_BSP_Min	qt	ALL	LABS	LABS	magnesium (Mg, minimum, inv-norm transformed)	209404 NA	NA	43559 NA	NA	1936 NA	NA	147966 NA	NA	15966 NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MgPCaBst	binary	AEH	Surveys	Family History	Biological Grandparent (maternal): Cancer, Breast	400008	114426	388582	55431	1494	53937 NA	NA	310266	24942	563	24379 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MgPCaColon	binary	AEH	Surveys	Family History	Biological Grandparent (maternal): Cancer, Colon	400008	8664	391344	55431	869	54562 NA	NA	312221	24942	381	24561 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MgPCaLung	binary	AEH	Surveys	Family History	Biological Grandparent (maternal): Cancer, Lung	400008	9798	390210	55431	978	54453 NA	NA	311254	24942	439	24503 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MgPCaProst	binary	AEH	Surveys	Family History	Biological Grandparent (maternal): Cancer, all others	400008	23710	376298	55431	2005	54326 NA	NA	299209	24942	1279	23863 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MgPCaCirCAD	binary	AEH	Surveys	Family History	Biological Grandparent (maternal): Cancer, Prostate	400008	5037	394073	55431	743	54688 NA	NA	315666	24942	325	24617 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MgPCaCirChol	binary	AEH	Surveys	Family History	Biological Grandparent (maternal): Coronary Artery / Coronary Heart Disease	400008	34818	365190	55431	2625	52806 NA	NA	319635	24942	1363	23579 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MgPCaCirCHN	binary	AEH	Surveys	Family History	Biological Grandparent (maternal): High cholesterol	400008	13896	386112	55431	2243	53188 NA	NA	309167	24942	1185	23757 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MgPCaCirCHN	binary	ALL	Surveys	Family History	Biological Grandparent (maternal): High blood pressure	404176	32779	371397	55431	6852	48579	4168	3819	24942	2369	22773 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MgPCaDoAsth	binary	AEH	Surveys	Family History	Biological Grandparent (maternal): Stroke / Transient Ischemic Attack (TIA)	404176	22937	381237	55431	286	54592 NA	NA	300839	24942	1079	23863 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MgPCaDoKid	binary	AEH	Surveys	Family History	Biological Grandparent (maternal): Asthma	404176	5747	394261	55431	915	54516 NA	NA	315197	24942	394	24548 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
MgPCaDoLiver	binary	ALL	Surveys	Family History	Biological Grandparent (maternal): Diabetes / "Sugar"	404176	367306	387060	55431	6074											

NSMlgn	binary	ALL	Surveys	Disease Diagnosis	Migraine Headaches	404176	39711	364465	55431	6934	48497	4168	519	3649	319635	29067	290568	24942	3191	21751 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
NSMlgnMed	binary	ALL	Surveys	Disease Diagnosis	Takes medication for migraine headaches?	404176	21136	383040	55431	4295	51136	4168	295	3873	319635	14767	304868	24942	1779	23163 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
NSMS	binary	AE	Surveys	Disease Diagnosis	Multiple Sclerosis	375066	2189	372877	55431	317	55114 NA	NA	NA	NA	319635	1872	317763 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
NSMSMed	binary	AE	Surveys	Disease Diagnosis	Takes medication for multiple sclerosis?	375066	2121	375945	55431	397	57954 NA	NA	NA	NA	319635	1724	317931 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
NSOCh	binary	AEH	Surveys	Disease Diagnosis	Other nervous system problem	400008	2793	376215	55431	3601	54899 NA	NA	NA	NA	319635	30992	309092	24942	1459	2348 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
NSOHD	binary	ALL	Surveys	Disease Diagnosis	Other Headaches	404176	19002	362125	55431	4205	49205 NA	4168	444	3724	319635	27322	319635	24942	3968	21874 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
NSOHDMed	binary	ALL	Surveys	Disease Diagnosis	Takes medication for other headaches?	404176	19002	385174	55431	3169	52262	4168	209	3959	319635	14252	305383	24942	1372	23570 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
NSOHDMed	binary	AEH	Surveys	Disease Diagnosis	Takes medication for other nervous system problems?	400008	12449	387559	55431	2023	53408 NA	NA	NA	NA	319635	9656	309979	24942	770	24172 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
NSPD	binary	AEH	Surveys	Disease Diagnosis	Parkinson's Disease	400008	4572	395436	55431	279	55152 NA	NA	NA	NA	319635	4088	315547	24942	205	24737 SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
NSPDMed	binary	AEH	Surveys	Disease Diagnosis	Takes medication for parkinson's disease?	400008	4572	395436	55431	279	55152 NA	NA	NA	NA	319635	4088	315547	24942	205	24737 SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
NSSCI	binary	ALL	Surveys	Disease Diagnosis	Spinal Cord Injury	404176	27332	376844	55431	3602	51829	4168	225	3943	319635	21490	298145	24942	2015	22927 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
NSSCIcMed	binary	AEH	Surveys	Disease Diagnosis	Takes medication for spinal cord injury?	400008	11010	388998	55431	2062	53369 NA	NA	NA	NA	319635	7988	311647	24942	967	23982 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
NSTBI	binary	AEH	Surveys	Disease Diagnosis	Traumatic Brain Injury (TBI)	400008	13604	386404	55431	1596	53835 NA	NA	NA	NA	319635	10749	308886	24942	1259	23683 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
NSTBIcMed	binary	AEH	Surveys	Disease Diagnosis	Takes medication for Traumatic Brain Injury (TBI)?	400008	13604	386404	55431	1596	53835 NA	NA	NA	NA	319635	10749	308886	24942	1259	23683 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PGCaBre	binary	AEH	Surveys	Family History	Biological Grandparent (paternal): Cancer, Breast	400008	5683	390338	55431	633	54798 NA	NA	NA	NA	319635	31243	317326	24942	316	24626 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PGCaColon	binary	AEH	Surveys	Family History	Biological Grandparent (paternal): Cancer, Colon	400008	5683	390338	55431	633	54798 NA	NA	NA	NA	319635	31243	317326	24942	316	24626 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PGCaLung	binary	AEH	Surveys	Family History	Biological Grandparent (paternal): Cancer, Lung	400008	6968	393040	55431	615	54815 NA	NA	NA	NA	319635	6051	313584	24942	302	24640 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
PGCaOth	binary	AEH	Surveys	Family History	Biological Grandparent (paternal): Cancer, all others	400008	7955	392053	55431	618	54813 NA	NA	NA	NA	319635	7005	312630	24942	332	24610 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
PGCaPos	binary	AEH	Surveys	Family History	Biological Grandparent (paternal): Cancer, all others	400008	17984	382024	55431	1239	54192 NA	NA	NA	NA	319635	15878	303757	24942	867	24075 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PGCCrCAD	binary	AEH	Surveys	Family History	Biological Grandparent (paternal): Coronary Artery / Coronary Heart Disease	400008	32888	367120	55431	1818	54618 NA	NA	NA	NA	319635	5090	314545	24942	337	24605 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PGCCrChol	binary	AEH	Surveys	Family History	Biological Grandparent (paternal): High cholesterol	400008	11588	388420	55431	1534	53897 NA	NA	NA	NA	319635	9183	310452	24942	871	24071 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PGCCrCHIT	binary	ALL	Surveys	Family History	Biological Grandparent (paternal): High blood pressure	404176	25425	378751	55431	4261	51170	4168	300	3868	319635	19345	300290	24942	1519	23423 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PGCCrCHIT	binary	AEH	Surveys	Family History	Biological Grandparent (paternal): Stroke / Transient Ischemic Attack (TIA)	400008	17599	387409	55431	1719	53712 NA	NA	NA	NA	319635	15059	304516	24942	821	24121 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PGCDoAth	binary	AEH	Surveys	Family History	Biological Grandparent (paternal): Asthma	1057364616	3691	396317	55431	476	54955 NA	NA	NA	NA	319635	2979	316656	24942	236	24706 SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
PGCDoDM	binary	ALL	Surveys	Family History	Biological Grandparent (paternal): Diabetes / "Sugar"	404176	25846	378330	55431	3511	55027 NA	4168	243	3925	319635	20139	299496	24942	1953	22989 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PGCDoKid	binary	AE	Surveys	Family History	Biological Grandparent (paternal): Kidney Disease	375066	2399	372667	55431	404	55027 NA	NA	NA	NA	319635	1995	317640 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
PGCDoLiver	binary	AEH	Surveys	Family History	Biological Grandparent (paternal): Liver Condition	400008	2748	397260	55431	277	55154 NA	NA	NA	NA	319635	2260	317375	24942	211	24734 SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
PGCDoLung	binary	AEH	Surveys	Family History	Biological Grandparent (paternal): Chronic Lung Disease including COPD, Emphysema or Bronchitis	400008	7953	390338	55431	615	54815 NA	NA	NA	NA	319635	7201	312434	24942	367	24675 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
PGCDoMHPD	binary	AE	Surveys	Family History	Biological Grandparent (paternal): Bipolar Disorder	375066	1305	373761	55431	216	55215 NA	NA	NA	NA	319635	1089	318546 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
PGCDoMHPD	binary	AEH	Surveys	Family History	Biological Grandparent (paternal): Depression	400008	5594	394414	55431	582	54849 NA	NA	NA	NA	319635	4671	314964	24942	341	24601 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
PGCDoSAI	binary	AEH	Surveys	Family History	Biological Grandparent (paternal): Alzheimer's / Other Dementia	400008	16706	383302	55431	1573	53858 NA	NA	NA	NA	319635	14282	303533	24942	851	24091 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_008	binary	AEH	PhCodes	Infectious Diseases	Bacterial enteritis	626002	12758	594124	55431	2405	51367 NA	NA	NA	NA	426835	9346	48874	24942	1008	47865 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_008_5	binary	AEH	PhCodes	Infectious Diseases	Bacterial enteritis	623229	7454	615775	55431	120127	55431	NA	NA	NA	426835	9346	48874	24942	1008	47865 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_008_52	binary	AEH	PhCodes	Infectious Diseases	Intestinal infection due to C. difficile	626002	6308	619694	55431	1005	519753 NA	NA	NA	NA	454447	1005	449577	24942	433	50364 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Phc_008_6	binary	AE	PhCodes	Infectious Diseases	Viral Enteritis	570320	1812	568508	55431	463	518606 NA	NA	NA	NA	451251	1349	449902 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_010	binary	AEH	PhCodes	Infectious Diseases	Septicemia	623229	6308	619694	55431	1005	519753 NA	NA	NA	NA	451251	1349	449902 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_038	binary	AEH	PhCodes	Infectious Diseases	Septicemia	626002	6308	619694	55431	1005	519753 NA	NA	NA	NA	451251	1349	449902 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_038_1	binary	AEH	PhCodes	Infectious Diseases	Gram negative septicemia	623229	7454	615775	55431	120127	55431	NA	NA	NA	426835	9346	48874	24942	1008	47865 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_038_2	binary	AE	PhCodes	Infectious Diseases	Gram positive septicemia	626002	6308	619694	55431	1005	519753 NA	NA	NA	NA	451251	1349	449902 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_038_3	binary	AEH	PhCodes	Infectious Diseases	Bacteremia	623229	7454	615775	55431	120127	55431	NA	NA	NA	426835	9346	48874	24942	1008	47865 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_041	binary	AEH	PhCodes	Infectious Diseases	Staphylococcus infections	614444	13150	600994	55431	2389	515951 NA	7701	209	7492	45886	9862	436024	24942	956	49591 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_041_11	binary	AEH	PhCodes	Infectious Diseases	Methicillin sensitive Staphylococcus aureus	622931	5705	617226	55431	1044	519027 NA	NA	NA	NA	452304	4224	448800	24942	347	48059 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_041_12	binary	AEH	PhCodes	Infectious Diseases	Methicillin resistant Staphylococcus aureus	623157	5672	617485	55431	1053	519088 NA	NA	NA	NA	452412	4264	448148	24942	355	50249 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_041_2	binary	AEH	PhCodes	Infectious Diseases	E. coli	620848	3655	618152	55431	814	518814 NA	NA	NA	NA	452412	4264	448148	24942	355	50249 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_041_8	binary	AEH	PhCodes	Infectious Diseases	H. pylori	623061	6066	616995	55431	2517	516169 NA	NA	NA	NA	451723	2038	50038	24942	935	49103 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_041_9	binary	AE	PhCodes	Infectious Diseases	Infection with drug-resistant microorganisms	579395	1883	574052	55431	391	520364 NA	NA	NA	NA	455180	1612	453368 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_053	binary	AEH	PhCodes	Infectious Diseases	Herpes zoster	607640	15389	592251	55431	2469	515794 NA	NA	NA	NA	439969	11696	428173	24942	1224	4818 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_053_1	binary	AEH	PhCodes	Infectious Diseases	Herpes zoster with nervous system complications	607640	15389	592251	55431	2469	515794 NA	NA	NA	NA	439969	11696	428173	24942	1224	4818 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_054	binary	AEH	PhCodes	Infectious Diseases	Herpes simplex	616429	15427	618400	55431	3869	514531 NA	NA	NA	NA	448274	1306	438106	24942	9755	48365 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_070	binary	ALL	PhCodes	Infectious Diseases	Viral hepatitis	631313	39980	591333	55431	14468	50244 NA	7955	411	7545	453292	21558	431734	24942	3543	46810 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_070_2	binary	ALL	PhCodes	Infectious Diseases	Viral hepatitis B	635221	4861	630660	55431	1932	51837 NA	7955	286	7713	456424	2281	454143	24942	362	50434 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_070_3	binary	AEH	PhCodes	Infectious Diseases	Viral hepatitis C	632220	4861	630660	55431	1932	51837 NA	7955	286	7713	456424	2281	454143	24942	362	50434 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_070_4	binary	AEH	PhCodes	Infectious Diseases	Chronic hepatitis	626685	3486	623199	55431	120178	519050 NA	NA	NA	NA	455744	1994	453750	24942	364	50399 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_070_9	binary	AEH	PhCodes	Infectious Diseases	Hepatitis NOS	623930	4207	619723	55431	1111	518669 NA	NA	NA	NA	451080	50413	439	24942	439	49974 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Phc_078	binary	ALL	PhCodes	Infectious Diseases	Viral warts & HPV	605764	29125	576639	55431	4162	511325 NA	7748	382	7366	431654	22286	4093							

Phe_198_2	binary	AEH	PhCodes	Neoplasms	Secondary malignancy of respiratory organs	628779	4083	624696	112163	697	120566	NA	NA	456458	3141	453317	51058	245	50813 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_198_3	binary	AE	PhCodes	Neoplasms	Secondary malignant neoplasm of digestive systems	578919	1224	577695	121472	266	121206	NA	NA	457447	958	456489	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_198_4	binary	AEH	PhCodes	Neoplasms	Secondary malignant neoplasm of liver	629603	4015	625588	121375	803	120572	NA	NA	457168	2987	454181	51060	225	50835 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_198_5	binary	AE	PhCodes	Neoplasms	Secondary malignancy of brain/spine	579415	2296	577119	121611	456	121151	NA	NA	457804	1840	455964	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_198_6	binary	AEH	PhCodes	Neoplasms	Secondary malignancy of bone	629021	7213	621881	121241	1478	121763	NA	NA	457146	5379	455136	51075	355	50699 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_199	binary	AEH	PhCodes	Neoplasms	Neoplasm of uncertain behavior	593706	3888	591708	116201	3888	124011	NA	NA	456725	18473	457504	51087	1233	47954 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_200_1	binary	AEH	PhCodes	Neoplasms	Myeloproliferative disease	625464	7684	617780	120580	1264	119316	NA	NA	454068	6009	448059	50816	411	50405 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_201	binary	AE	PhCodes	Neoplasms	Polythemia vera	578706	2380	576326	121347	244	121591	NA	NA	454715	2136	454979	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_202	binary	AEH	PhCodes	Neoplasms	Hodgkin's disease	579514	1206	578308	121654	213	121441	NA	NA	457860	993	456867	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_202_1	binary	AEH	PhCodes	Neoplasms	Cancer of other lymphoid, histiocytic tissue	620716	2002	620651	121109	360	121009	NA	NA	455047	1105	455005	50960	456	50505 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_202_2	binary	AEH	PhCodes	Neoplasms	Non-Hodgkins lymphoma	628554	7456	621098	121222	1035	120187	NA	NA	456340	5992	4530348	50992	429	50563 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_204	binary	AEH	PhCodes	Neoplasms	Leukemia	629030	8419	620611	121259	1464	119795	NA	NA	456743	6590	450153	51028	365	50663 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_204_1	binary	AE	PhCodes	Neoplasms	Lymphoid leukemia	579386	3646	575740	121602	427	121175	NA	NA	457784	3219	454565	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_204_2	binary	AE	PhCodes	Neoplasms	Lymphoid leukemia, chronic	579722	3242	576480	121688	240	121542	NA	NA	458024	2812	455142	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_204_4	binary	AE	PhCodes	Neoplasms	Myeloid leukemia	579731	1628	578103	121649	230	121410	NA	NA	458082	1398	456684	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_208	binary	ALL	PhCodes	Neoplasms	Multiple myeloma	579460	2448	577012	121568	784	120784	NA	NA	457892	1664	456228	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_209	binary	AE	PhCodes	Neoplasms	Benign neoplasm of colon	560733	169727	560733	106008	31073	74935	7402	1168	6234	401670	126540	45653	10946	34707 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_210	binary	AEH	PhCodes	Neoplasms	Neuroendocrine tumors	579747	751	578996	121621	210	121411	NA	NA	458126	341	457385	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_211	binary	AEH	PhCodes	Neoplasms	Benign neoplasm of lip, oral cavity, and pharynx	624067	4179	619888	120474	765	119792	NA	NA	457070	3168	449760	50665	246	50419 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_212	binary	AE	PhCodes	Neoplasms	Benign neoplasm of other parts of digestive system	618667	5075	613592	119563	980	118583	NA	NA	448864	3733	448874	50240	362	48878 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_213	binary	AE	PhCodes	Neoplasms	Benign neoplasm of respiratory and intrathoracic organs	577136	1722	575414	121105	404	120701	NA	NA	456031	1318	454713	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_214	binary	ALL	PhCodes	Neoplasms	Benign neoplasm of bone and articular cartilage	577312	994	576318	121031	265	120766	NA	NA	456281	719	455552	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_214_1	binary	AEH	PhCodes	Neoplasms	Lipoma	614577	2055	615922	116859	5743	111151	7893	206	7687	450475	14874	425601	49350	1832	47518 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Phe_215	binary	AEH	PhCodes	Neoplasms	Lipoma of skin and subcutaneous tissue	616472	11442	605030	118401	2948	115453	NA	NA	447996	7508	440488	50075	986	49089 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_216	binary	ALL	PhCodes	Neoplasms	Other benign neoplasm of connective and other soft tissue	621638	3568	618070	119781	962	118819	NA	NA	451314	2355	448959	50543	251	50292 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_216_1	binary	ALL	PhCodes	Neoplasms	Benign neoplasm of skin	572896	45715	527181	113675	3835	109840	7482	293	7189	404848	39273	365575	46891	44577 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_217	binary	AEH	PhCodes	Neoplasms	Screening for malignant neopla	604926	14483	590443	119037	1016	118023	NA	NA	436042	12961	423081	49847	506	49344 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_217_1	binary	AEH	PhCodes	Neoplasms	Vascular hamartomas and non-neoplastic nevi	597739	14980	587752	118409	6404	118489	NA	NA	452986	13637	451308	50752	631	48335 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_217_2	binary	AEH	PhCodes	Neoplasms	Nexus, non-neoplastic	598341	14478	583863	119584	609	118975	NA	NA	429657	13208	416449	49100	661	48439 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_223	binary	AE	PhCodes	Neoplasms	Benign neoplasm of kidney and other urinary organs	576457	1773	574684	121059	340	120713	NA	NA	455398	1433	453965	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_224	binary	AEH	PhCodes	Neoplasms	Benign neoplasm of eye, eyelid	618824	2226	596558	120449	1237	119322	NA	NA	447967	19973	427994	50408	1056	49352 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_224_1	binary	AEH	PhCodes	Neoplasms	Benign neoplasm of eye, eyelid	620705	2223	619982	120993	856	120317	NA	NA	450919	29049	450685	50593	908	49685 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_225	binary	AEH	PhCodes	Neoplasms	Benign neoplasm of brain and other parts of nervous system	629053	3852	625181	121314	657	120657	NA	NA	456735	19973	453805	50984	265	50719 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_225_1	binary	AEH	PhCodes	Neoplasms	Benign neoplasm of brain, cranial nerves, meninges	629248	3629	625619	121349	615	120734	NA	NA	456901	2761	454140	50998	253	50745 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_226	binary	AE	PhCodes	Neoplasms	Benign neoplasm of thyroid glands	578432	1047	577385	121287	273	121024	NA	NA	457135	774	456361	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_227	binary	AEH	PhCodes	Neoplasms	Benign neoplasm of other endocrine glands and other related structures	626458	8077	618671	120632	2223	118423	NA	NA	455122	5275	449847	50874	222	50295 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_227_1	binary	AEH	PhCodes	Neoplasms	Benign neoplasm of adrenal gland	628337	3894	628337	121038	10589	119924	NA	NA	456289	2632	453657	51010	206	50804 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_227_3	binary	AEH	PhCodes	Neoplasms	Benign neoplasm of pituitary gland and craniopharyngeal duct (pouch)	630719	3320	627399	121583	987	120596	NA	NA	458044	2007	456037	51092	326	50766 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_228	binary	AEH	PhCodes	Neoplasms	Hemangioma and lymphangioma, any site	607813	11341	596472	120460	676	119784	NA	NA	437415	10130	427285	49938	535	49403 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_228_1	binary	EH	PhCodes	Neoplasms	Hemangioma of skin and subcutaneous tissue	493252	6620	486632	NA	NA	NA	NA	NA	442892	6401	436491	50360	219	50141	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_240	binary	ALL	PhCodes	Endocrine or Metabolic	Simple and unspecified goiter	576020	2913	574051	120543	NA	119731	NA	NA	454662	1662	454662	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_241	binary	ALL	PhCodes	Endocrine or Metabolic	Nontoxic nodular goiter	623010	22601	609409	120003	5717	114286	8003	201	7802	453297	15490	437807	50707	1193	49514 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_241_1	binary	AEH	PhCodes	Endocrine or Metabolic	Nontoxic uninodular goiter	623839	17452	606387	119987	4144	115843	NA	NA	440812	12319	440812	50721	989	49732 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_241_2	binary	AEH	PhCodes	Endocrine or Metabolic	Nontoxic multinodular goiter	626718	9014	617704	120506	2788	117718	NA	NA	455270	5849	449421	50942	377	50565 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_242	binary	AEH	PhCodes	Endocrine or Metabolic	Thyroiditis with or without goiter	625025	2685	616507	120508	368	117625	NA	NA	448363	5614	440363	50752	631	50119 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_242_1	binary	AEH	PhCodes	Endocrine or Metabolic	Graves' disease	630201	2963	627338	121364	1017	120347	NA	NA	457754	18004	456054	51083	246	50837 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_242_2	binary	AE	PhCodes	Endocrine or Metabolic	Toxic multinodular goiter	579681	642	579039	121526	269	121257	NA	NA	458155	373	457782	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_242_3	binary	AE	PhCodes	Endocrine or Metabolic	Exophthalmos	578588	1333	577255	121084	614	120470	NA	NA	457504	719	456785	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_244	binary	ALL	PhCodes	Endocrine or Metabolic	Hypothyroidism	625778	76863	548815	119576	7592	111984	7955	499	7456	448889	63629	384440	50158	5143	45015 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_244_1	binary	AEH	PhCodes	Endocrine or Metabolic	Secondary hypothyroidism	628789	6188	623601	121245	1474	121245	NA	NA	456531	4290	452271	51013	431	50719 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_244_2	binary	AEH	PhCodes	Endocrine or Metabolic	Acquired hypothyroidism	624340	61800	624340	120866	711	120155	NA	NA	452838	5072	447766	50636	457	50179 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_244_4	binary	ALL	PhCodes	Endocrine or Metabolic	Hypothyroidism NOS	626032	73841	552191	121565	7089	121265	7949	463	7486	448236	61357	388879	50193	4932	45261 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_245	binary	AE	PhCodes	Endocrine or Metabolic	Thyroiditis	578066	2324	575742	121261	392	120889	NA	NA	456805	1932	454873	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_246	binary	AEH	PhCodes	Endocrine or Metabolic	Other disorders of thyroid	622062	2626	619515	120515	345	117885	NA	NA	451898	3931	448059	50559	345	50214 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_246_7	binary	AEH	PhCodes	Endocrine or Metabolic	Abnormal results of function study of thyro	619895	6131	613728	119515	1430	118085	NA	NA	450005	4305	445700	50339	396	49943 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phe_249	binary	AEH	PhCodes	Endocrine or Metabolic	Secondary diabetes mellitus	617153	10029	607124	118112	2355	115757	NA	NA	449257	6763	442494	49784	911	48873 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_250	binary	ALL	Ph																					



Phc_277_51	binary	AE	PhcCodes	Endocrine or Metabolic	Lipoprotein disorders	575901	1681	575920	121236	360	120876 NA	NA	NA	456365	1321	455044 NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_277_7	binary	AEH	PhcCodes	Endocrine or Metabolic	Dysmetabolic syndrome X	626009	5603	620406	120712	1108	119604 NA	NA	NA	454667	4003	450664	50630	492	50138 NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	SENSITIVE	
Phc_278	binary	ALL	PhcCodes	Endocrine or Metabolic	Overweight, obesity and other hyperalimentation	574570	275428	299142	109027	57673	51354	7284	2412	412598	190789	221809	45661	24554	21107 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_278_1	binary	ALL	PhcCodes	Endocrine or Metabolic	Obesity	580200	248336	336684	110888	52255	58643	7465	1951	5514	423758	172191	46316	21939	40377 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_278_11	binary	ALL	PhcCodes	Endocrine or Metabolic	Morbid obesity	610820	60687	115632	14228	5447404	133605	7993	228	438534	46629	391090	48761	5002	43759 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_278_3	binary	AE	PhcCodes	Endocrine or Metabolic	Localized adiposity	578877	716	121411	204	121411	456954 NA	NA	NA	457866	512	457866	50279	250	50279 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phc_279	binary	AE	PhcCodes	Endocrine or Metabolic	Abnormal weight gain	618100	3894	614206	119016	825	118191 NA	NA	NA	448805	512	445986	50729	250	50029 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phc_279_7	binary	AEH	PhcCodes	Endocrine or Metabolic	Disorders involving the immune mechanism	577670	2185	575485	121156	386	120770 NA	NA	NA	456514	1799	454715 NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE		
Phc_280	binary	AEH	PhcCodes	Endocrine or Metabolic	Other immunological findings	626135	2270	623365	120206	819	119387 NA	NA	NA	455264	1642	453362	50665	309	50356 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phc_280_1	binary	AEH	PhcCodes	Hematopoietic	Iron deficiency anemias	608659	654292	514097	114081	7860	119392 NA	NA	318	493725	35441	454085	49196	3887	45309 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_280_2	binary	ALL	PhcCodes	Hematopoietic	Iron deficiency anemias, unspecified or not due to blood loss	611078	49886	561192	114508	13674	100834	7877	282	439383	32377	407006	49310	3553	45757 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_280_2	binary	AEH	PhcCodes	Hematopoietic	Iron deficiency anemia secondary to blood loss (chronic)	611267	7761	611267	118734	2082	616652 NA	NA	NA	450052	5073	444079	50242	606	49636 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_281	binary	AEH	PhcCodes	Hematopoietic	Other deficiency anemia	609632	22549	586083	117334	4482	112822 NA	NA	NA	442508	17475	425033	49790	1592	48198 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_281_1	binary	AEH	PhcCodes	Hematopoietic	Megaloblastic anemia	610803	18674	598233	119081	115742	113655	NA	NA	447820	13965	438620	50196	1360	48838 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_281_11	binary	AE	PhcCodes	Hematopoietic	Pernicious anemia	578983	1440	577443	121323	210	121323 NA	NA	NA	457550	1230	456120 NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE		
Phc_281_12	binary	AEH	PhcCodes	Hematopoietic	Other vitamin B12 deficiency anemia	611933	16256	602877	119681	2808	116873 NA	NA	NA	449146	12248	436898	50306	1200	49106 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_281_13	binary	AE	PhcCodes	Hematopoietic	Folate-deficiency anemia	578310	1360	576950	121166	447	457144	NA	NA	456231 NA	913	456231 NA	NA	NA	50473 NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phc_281_9	binary	AEH	PhcCodes	Hematopoietic	Deficiency anemias	622429	4744	617485	119668	1079	118589 NA	NA	NA	452098	3439	448659	50663	226	50437 NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_282	binary	AEH	PhcCodes	Hematopoietic	Hereditary hemolytic anemias	623782	2962	619961	119961	2962	116929 NA	NA	NA	455988	1061	455988	50972	207	50766 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_282_8	binary	AE	PhcCodes	Hematopoietic	Other hemoglobinopathies	578557	1838	576719	120998	1022	119976 NA	NA	NA	457559	816	456743 NA	NA	NA	50473 NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phc_282_9	binary	AE	PhcCodes	Hematopoietic	Other hereditary hemolytic anemias	579436	884	578552	121272	674	120598 NA	NA	NA	458164	210	457954 NA	NA	NOT_SENSITIVE	NA	SENSITIVE	NA	NOT_SENSITIVE		
Phc_283	binary	AE	PhcCodes	Hematopoietic	Acquired hemolytic anemias	579095	973	578122	121414	274	121140 NA	NA	NA	457681	699	456982 NA	NA	NA	50437 NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phc_284	binary	AEH	PhcCodes	Hematopoietic	Pancytopenia	625180	7491	617689	120367	1355	119012 NA	NA	NA	454857	5620	448437	50756	516	50240 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_284_1	binary	AEH	PhcCodes	Hematopoietic	Other anemias	626020	6580	619440	120601	1171	119430 NA	NA	NA	454618	4959	449659	50801	450	50351 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phc_285	binary	ALL	PhcCodes	Hematopoietic	Acute posthemorrhagic anemia	127092	453570	57142	109134	32992	616682	7643	823	416682	85163	331519	47203	8114	39089 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_285_1	binary	AEH	PhcCodes	Hematopoietic	Acute posthemorrhagic anemia	612902	8593	604309	118014	1856	116158 NA	NA	NA	444906	6225	438681	49982	512	49470 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_285_2	binary	ALL	PhcCodes	Hematopoietic	Anemia of chronic disease	619627	26054	593573	118689	7772	113522 NA	7940	207	444890	16198	428692	49938	1877	48063 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_285_21	binary	AEH	PhcCodes	Hematopoietic	Anemia in chronic kidney disease	622671	5393	607278	113480	371	114303 NA	NA	NA	453637	8996	43463 NOT_SENSITIVE	50000	1257	43463 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_285_22	binary	AE	PhcCodes	Hematopoietic	Anemia in neoplastic disease	576801	2642	574159	120969	663	120306 NA	NA	NA	455832	1979	453853 NA	NA	NA	50209 NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phc_286	binary	AEH	PhcCodes	Hematopoietic	Coagulation defects	615374	16057	599317	118738	2782	115956 NA	NA	NA	446427	12426	434001	50209	849	49360 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_286_2	binary	ALL	PhcCodes	Hematopoietic	Encounter for long term (current) use of anticoagulants	626771	51988	574783	119396	7601	111795	7985	201	448954	400904	457895	50436	2136	48309 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_286_7	binary	AEH	PhcCodes	Hematopoietic	Other and unspecified coagulation defects	624080	6621	617489	120362	1090	119392 NA	NA	NA	453949	5182	447865	50658	359	50299 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_286_8	binary	AE	PhcCodes	Hematopoietic	Hypercoagulable state	578004	3249	574755	121281	576	120705 NA	NA	NA	456723	42650	454050 NA	NA	NOT_SENSITIVE	NA	SENSITIVE	NA	NOT_SENSITIVE		
Phc_286_81	binary	AE	PhcCodes	Hematopoietic	Primary hypercoagulable state	578364	3000	575364	121365	520	120845 NA	NA	NA	456999	2480	454519 NA	NA	NA	50209 NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phc_286_9	binary	AEH	PhcCodes	Hematopoietic	Abnormal coagulation profile	621497	5280	616217	119958	1014	118844 NA	NA	NA	450872	4014	446858	50667	252	50415 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phc_287	binary	AEH	PhcCodes	Hematopoietic	Purpura and other hemorrhagic conditions	608151	38028	580131	117998	4476	113522 NA	NA	NA	449161	2140	449161	49562	2122	47440 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_287_3	binary	AEH	PhcCodes	Hematopoietic	Thrombocytopenia	612357	26151	586206	118275	4328	113947 NA	NA	NA	442425	19819	424426	49837	2004	47833 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_287_31	binary	AE	PhcCodes	Hematopoietic	Primary thrombocytopenia	578627	1801	576826	121464	353	121111 NA	NA	NA	457163	1448	455715 NA	NA	NA	50415 NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phc_287_32	binary	AEH	PhcCodes	Hematopoietic	Secondary thrombocytopenia	626206	3121	623085	120939	456	120483 NA	NA	NA	454517	2399	452118	50750	266	50484 SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phc_288	binary	AEH	PhcCodes	Hematopoietic	Diseases of white blood cells	594937	24976	569961	115037	4511	110526 NA	NA	NA	431292	18880	412412	48708	1585	47023 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_288_1	binary	AEH	PhcCodes	Hematopoietic	Decreased white blood cell count	620644	620644	609121	118513	371	114840 NA	NA	NA	454515	7039	454515	50935	371	49945 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_288_11	binary	AEH	PhcCodes	Hematopoietic	Neutropenia	625598	6551	619047	119992	1974	118018 NA	NA	NA	454754	4235	450519	50852	342	50510 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_288_2	binary	AEH	PhcCodes	Hematopoietic	Elevated white blood cell count	600885	17924	582961	116362	3114	113248 NA	NA	NA	435499	13685	421814	49024	1125	47899 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_288_3	binary	AE	PhcCodes	Hematopoietic	Eosinophilia	578238	1401	576837	121329	317	122102 NA	NA	NA	456909	11480	455885 NA	NA	NA	50427 NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phc_289	binary	AEH	PhcCodes	Hematopoietic	Other diseases of blood and blood-forming organs	619066	5791	613245	119118	5161	119118 NA	NA	NA	451911	4370	451911	50427	1107	50138 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_289_4	binary	AEH	PhcCodes	Hematopoietic	Lymphadenitis	605995	16351	589544	115993	3938	112055 NA	NA	NA	440316	10490	428826	49586	923	48663 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_289_5	binary	AE	PhcCodes	Hematopoietic	Diseases of spleen	577821	1918	575903	121351	300	120151 NA	NA	NA	456470	1618	454852 NA	NA	NA	50427 NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phc_289_8	binary	AEH	PhcCodes	Hematopoietic	Polycythemia, secondary	627617	622646	627617	121362	462	120900 NA	NA	NA	453588	4156	451212	50887	353	50534 SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
Phc_289_9	binary	AE	PhcCodes	Hematopoietic	Abnormality of red blood cells	575660	1324	574336	120679	313	120366 NA	NA	NA	454981	1011	453970 NA	NA	NA	50427 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_290	binary	ALL	PhcCodes	Mental Disorders	Delirium	612021	612021	616489	118427	7924	118427	7683	241	438345	10827	438345	49265	2832	46433 SENSITIVE	SENSITIVE	SENSITIVE	SENSITIVE	SENSITIVE	
Phc_290_11	binary	AEH	PhcCodes	Mental Disorders	Dementias	620115	26477	593638	119660	4669	114991 NA	NA	NA	450056	20116	429940	50399	1692	48707 SENSITIVE	NA	SENSITIVE	SENSITIVE	SENSITIVE	
Phc_290_12	binary	AE	PhcCodes	Mental Disorders	Alzheimer's disease	628065	5955	622110	120452	796	120452 NA	NA	NA	455874	4761	451113	50943	398	50545 SENSITIVE	NA	SENSITIVE	SENSITIVE	SENSITIVE	
Phc_290_12	binary	AEH	PhcCodes	Mental Disorders	Dementia with cerebral degenerations	578471	2091	576380	121488	241	121247 NA	NA	NA	456983	1850	455133 NA	NA	NA	50427 NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phc_290_16	binary	AEH	PhcCodes	Mental Disorders	Delirium	628066	5955	622110	120452	796	120452 NA	NA	NA	455874	4761	451113	50943	398	50545 SENSITIVE	NA	SENSITIVE	SENSITIVE	SENSITIVE	
Phc_290_2	binary	AEH	PhcCodes	Mental Disorders	Delirium due to conditions classified elsewhere	628066	5955	622110	120452	796	120452 NA	NA	NA	455874	4761	451113	50943	398	50545 SENSITIVE	NA	SENSITIVE	SENSITIVE	SENSITIVE	
Phc_290_3	binary	ALL	PhcCodes	Mental Disorders	Other persistent mental disorders due to conditions classified elsewhere																			



Pho_339	binary	ALL	PhoCodes	Neurological	Other headache syndromes	569555	100853	468702	105024	25985	79039	7322	1235	5997	412624	63501	349123		10132		34543 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_340	binary	ALL	PhoCodes	Neurological	Migraine	618454	49717	568737	117060	11506	105554	7791	687	7104	444448	32535	411913	49155	4989		44166 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_340_1	binary	AEH	PhoCodes	Neurological	Migrain with aura	623507	6794	616713	120143	1479	118664	NA	NA		452946	4579	448367	50418	736		49682 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_342	binary	AEH	PhoCodes	Neurological	Hemiplegia	621874	3842	621874	120208	1132	119076	NA	NA		454744	2405	452339	50764	305		50459 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Pho_344	binary	AEH	PhoCodes	Neurological	Other paralytic syndromes	624476	7464	617012	120119	1733	118386	NA	NA		453891	5211	448480	50666	520		50146 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_345	binary	AEH	PhoCodes	Neurological	Epilepsy, recurrent seizures, convulsions	616334	26827	616334	118504	6178	118386	NA	NA		452802	18723	429079	49068			48042 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_345_1	binary	AEH	PhoCodes	Neurological	Epilepsy	623541	14180	609361	119982	3409	116573	NA	NA		453003	9724	443279	50556	1047		49509 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_345_11	binary	AE	PhoCodes	Neurological	Generalized convulsive epilepsy	578051	1646	576405	121129	429	120690	NA	NA		456922	1207	455715	NA			SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Pho_345_12	binary	AEH	PhoCodes	Neurological	Partial epilepsy	627461	5632	621829	120797	1346	119551	NA	NA		455718	3974	451744	50946	412		50534 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Pho_345_13	binary	AEH	PhoCodes	Neurological	Partial epilepsy	619113	4482	619113	119959	4482	119959	NA	NA		451971	13709	449615	50225	1333		48895 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_346_1	binary	AE	PhoCodes	Neurological	Nonspecific abnormal findings on radiological and other examinations of skull and head	572754	1346	571408	120061	322	119739	NA	NA		452993	1024	451569	NA			SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Pho_347	binary	AE	PhoCodes	Neurological	Catalepsy and narcolepsy	579321	1516	577805	121538	415	115783	NA	NA		457783	1101	456682	NA			SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Pho_348	binary	AEH	PhoCodes	Neurological	Other conditions of brain	617017	12215	604802	118826	2685	116141	NA	NA		448044	8628	439416	50147	902		49245 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_348_1	binary	AEH	PhoCodes	Neurological	Cerebral edema and compression	578266	1275	576921	121248	385	115783	NA	NA		457018	890	456128	NA			SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_348_7	binary	AEH	PhoCodes	Neurological	Encephalopathy, not elsewhere classified	618772	2007	618772	119553	2007	117256	NA	NA		450032	7009	443037	50387	694		49693 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_348_9	binary	AEH	PhoCodes	Neurological	Other conditions of brain, NOS	622447	3710	618737	119896	768	119128	NA	NA		452029	2612	449417	50522	330		50192 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Pho_349	binary	AEH	PhoCodes	Neurological	Other and unspecified disorders of the nervous system	622877	4839	618038	120280	784	119470	NA	NA		452007	3703	448304	50610	352		50258 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Pho_350	binary	ALL	PhoCodes	Neurological	Abnormal movement	569083	115509	453574	106646	22553	84091	7430	6603		490903	84878	324125	46004	7251		38753 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_350_1	binary	ALL	PhoCodes	Neurological	Abnormal involuntary movements	602718	52587	577431	116413	3437	112935	NA	NA		451681	20346	437197	49108	1504		47604 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_350_2	binary	ALL	PhoCodes	Neurological	Abnormality of gait	579754	91233	488521	108547	18931	98631	7579	688	6891	416568	65915	350743	46970	5714		41256 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_350_3	binary	AEH	PhoCodes	Neurological	Lack of coordination	614387	6600	614387	119869	1121	118748	NA	NA		450623	5118	445505	50495			50134 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Pho_350_6	binary	AE	PhoCodes	Neurological	Disturbances of sensation of smell and taste	577421	1977	575444	122131	445	120686	NA	NA		456290	1532	454758	NA			SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Pho_351	binary	ALL	PhoCodes	Neurological	Other peripheral nerve disorders	583846	112709	479137	110151	23382	87765	7553	907	6646	419421	80704	338717	46721	8716		38005 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_352	binary	AEH	PhoCodes	Neurological	Disorders of other cranial nerves	620918	9849	611069	119385	1927	117458	NA	NA		451409	6837	444572	50124	1085		49039 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_352_1	binary	AEH	PhoCodes	Neurological	Trigeminal nerve disorders [CNS]	625638	3583	622055	120365	658	119707	NA	NA		454624	2649	451975	50649	276		50373 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Pho_352_2	binary	AEH	PhoCodes	Neurological	Facial nerve disorders [CN7]	626996	5937	621059	120836	1214	119622	NA	NA		455486	3918	451548	50674	785		49889 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_353	binary	AEH	PhoCodes	Neurological	Nerve root and plexus disorders	617429	8852	608577	118692	1342	116750	NA	NA		444893	6238	4442474	50044	691		49353 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_353_1	binary	AEH	PhoCodes	Neurological	Nerve plexus lesions	578021	5821	578021	119804	5821	119804	NA	NA		456770	1055	455505	NA			SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Pho_353_2	binary	AEH	PhoCodes	Neurological	Nerve root lesions	622319	4987	617332	119749	1167	118582	NA	NA		452148	3411	448737	50422	409		50013 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Pho_355	binary	AEH	PhoCodes	Neurological	Complex regional/central pain syndrome	626469	3097	623372	120849	547	120302	NA	NA		454793	2294	452499	50827	256		50571 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Pho_355_1	binary	ALL	PhoCodes	Neurological	Chronic pain syndrome	615700	37282	578418	116668	7827	109431	7910	7639		441846	26871	414975	49276	2903		46373 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_356	binary	AEH	PhoCodes	Neurological	Herededitary and idiopathic peripheral neuropathy	591229	15918	514851	115885	7821	115885	NA	NA		459212	37375	452506	50253	2357		45923 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_357	binary	AEH	PhoCodes	Neurological	Inflammatory and toxic neuropathy	608140	17482	590658	117304	2594	114710	NA	NA		441022	14056	426966	49814	832		48982 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_359	binary	AE	PhoCodes	Neurological	Muscular dystrophies and other myopathies	574394	2379	574394	120840	674	120166	NA	NA		455933	1705	454228	NA			NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Pho_359_2	binary	AE	PhoCodes	Neurological	Myopathy	576984	2105	574879	120880	640	120240	NA	NA		456104	1465	454639	NA			NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Pho_360	binary	AE	PhoCodes	Sense Organs	Disorders of the globe	574660	120778	574660	120778	1344	115482	NA	NA		455882	1344	454588	NA			NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Pho_360_2	binary	AE	PhoCodes	Sense Organs	Progressive myopia	578357	954	577403	121309	285	121024	NA	NA		457048	669	456379	NA			SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Pho_360_3	binary	AE	PhoCodes	Sense Organs	Hypotony of eye	579733	505	579228	121520	213	121307	NA	NA		458213	292	457921	NA			SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Pho_361	binary	ALL	PhoCodes	Sense Organs	Retinal detachments and defects	610293	18914	610293	119460	4013	115447	7922	239	7683	451489	13219	438270	50336	1443		48893 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_361_1	binary	AEH	PhoCodes	Sense Organs	Retinal detachment with retinal defect	627933	6089	621844	122159	809	120350	NA	NA		455845	48926	450949	50929	384		50545 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Pho_361_2	binary	AEH	PhoCodes	Sense Organs	Retinodystrophy and retinal cysts	579004	2140	579004	121395	428	115877	NA	NA		457809	1732	455877	NA			SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Pho_362	binary	ALL	PhoCodes	Sense Organs	Other retinal disorders	582623	118923	463700	109819	20502	89317	7420	1253	6167	418659	89608	329051	46725	7560		39165 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_362_2	binary	ALL	PhoCodes	Sense Organs	Degeneration of macula and posterior pole of retina	606412	70943	535469	116300	7110	109190	7716	639	7077	59122	59282	374337	48777	3912		44865 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_362_21	binary	AEH	PhoCodes	Sense Organs	Macular degeneration, dry	617568	29757	587811	120503	1087	119416	NA	NA		446697	27453	410244	50368	1217		49151 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_362_22	binary	AEH	PhoCodes	Sense Organs	Macular degeneration, wet	627405	8111	619384	121251	1342	121097	NA	NA		451398	7486	450645	50973	138		451398 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_362_23	binary	AEH	PhoCodes	Sense Organs	Cystoid macular degeneration of retina	624164	9265	614899	120308	1785	118523	NA	NA		453200	668	446332	50656	612		50044 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_362_26	binary	ALL	PhoCodes	Sense Organs	Macular puckering of retina	623294	25022	598272	119349	2681	118043	7899	325	7574	446053	20384	425669	49993	1632		48361 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_362_27	binary	AEH	PhoCodes	Sense Organs	Druisen (degenerative) of retina	610427	10798	604927	119615	1572	118043	NA	NA		445934	8659	437275	50176	567		49609 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_362_29	binary	AEH	PhoCodes	Sense Organs	Macular degeneration (senile) of retina NOS	620335	12841	607494	120737	548	120182	NA	NA		447398	11824	437198	50576	469		50107 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Pho_362_3	binary	AEH	PhoCodes	Sense Organs	Other nondiabetic retinopathy	607007	607007	607007	119839	6301	119839	NA	NA		443157	13307	437198	50309			47943 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_362_31	binary	AEH	PhoCodes	Sense Organs	Separation of retinal layers	628766	2568	626198	121319	505	120814	NA	NA		456490	1772	454718	50957	291		50666 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_362_4	binary	AEH	PhoCodes	Sense Organs	Retinal vascular changes and abnormalities	620076	16844	602076	119334	3403	115931	NA	NA		449246	12391	438855	50340			49290 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_362_6	binary	ALL	PhoCodes	Sense Organs	Peripheral retinal degenerations	625125	11798	613327	119117	3199	115918	7884	227	7657	447998	7327	440671	50126	1045		49081 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Pho_362_7	binary	AEH	PhoCodes	Sense Organs	Herededitary and idiopathic retinal dystrophies	575712	2403	575712	120809	473	120420	NA	NA		457122	1931	4								

Phc_389_1	binary	ALL	PhcCodes	Sense Organs	Sensorineural hearing loss	571639	231585	340054	110499	20667	89772	7285	2020	5265	408361	194114	214347	45554	14784	30770 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_389_2	binary	AEH	PhcCodes	Sense Organs	Conductive hearing loss	619623	8108	611515	10314	1037	119277 NA	NA	NA	NA	449013	6386	442627	50296	685	49611 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_389_4	binary	ALL	PhcCodes	Sense Organs	Tinnitus	554562	101688	452874	109472	12516	96956	6869	1526	5343	394709	7847	43512	8898	34614 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE		
Phc_394	binary	AEH	PhcCodes	Circulatory System	Rheumatic disease of the heart valves	614353	7224	607129	118534	1236	117298 NA	NA	NA	NA	445527	5647	439880	50292	8898	49951 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_394_1	binary	AE	PhcCodes	Circulatory System	Mitral valve stenosis and aortic valve stenosis	574889	1911	572988	120918	284	120634 NA	NA	NA	NA	453971	1627	452344 NA	NA	341	NA	NA	NA	NA	NA	NA	
Phc_394_7	binary	AE	PhcCodes	Circulatory System	Disease of tricuspid valve	572219	1721	570705	120061	35	119705 NA	NA	NA	NA	452558	1365	450793 NA	NA	NA	NA	NA	NA	NA	NA	NA	
Phc_395_1	binary	ALL	PhcCodes	Circulatory System	Heart valve disorders	606928	40285	566643	115883	110488	7875	247	7628	433821	32979	400942	45939	1814	47585 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_395_2	binary	AEH	PhcCodes	Circulatory System	Nonrheumatic mitral valve disorders	15444	595325	117869	2683	115186 NA	NA	NA	NA	442842	12119	430723	50058	642	49416 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_395_2	binary	AEH	PhcCodes	Circulatory System	Nonrheumatic aortic valve disorders	615402	23869	591533	119414	2412	117002 NA	NA	NA	NA	445645	20353	452592	50343	1104	49239 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_395_3	binary	AEH	PhcCodes	Circulatory System	Nonrheumatic tricuspid valve disorders	571273	1721	569139	120061	35	119705 NA	NA	NA	NA	451114	1711	449693 NA	NA	NA	NA	NA	NA	NA	NA	NA	
Phc_395_6	binary	AEH	PhcCodes	Circulatory System	Heart valve replaced	628186	10552	617634	121390	932	120458 NA	NA	NA	NA	455783	9113	446670	51013	507	50506 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_396	binary	AEH	PhcCodes	Circulatory System	Abnormal heart sounds	604397	17317	587080	115783	3257	112526 NA	NA	NA	NA	438946	13103	425843	49668	957	48711 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_401	binary	ALL	PhcCodes	Circulatory System	Hypertension	607659	456120	151539	116728	94186	22542	7650	4419	344862	326765	108097	48419	30750	17669 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_401_1	binary	ALL	PhcCodes	Circulatory System	Essential hypertension	607135	453444	153740	116840	93764	22542	7644	4389	344862	326765	109700	48419	30750	17669 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phc_401_2	binary	ALL	PhcCodes	Circulatory System	Hypertensive heart and/or renal disease	594343	90343	112463	12463	22475	89988	7709	666	7043	346311	32473	454294	5488	48469	40393 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_401_21	binary	ALL	PhcCodes	Circulatory System	Hypertensive heart disease	606665	37657	569008	114683	8651	106032	7818	272	7546	435001	26533	408468	49163	2201	46962 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_401_22	binary	ALL	PhcCodes	Circulatory System	Hypertensive chronic kidney disease	613241	610971	141277	115677	7491	100550	7860	369	7491	440037	34529	405508	49667	3245	46422 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_401_3	binary	AEH	PhcCodes	Circulatory System	Other hypertensive complications	616811	9247	607564	117118	3460	113658 NA	NA	NA	NA	444822	5134	444448	50071	653	49416 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_411	binary	ALL	PhcCodes	Circulatory System	Elevated blood pressure reading without diagnosis of hypertension	582817	38914	543903	109552	8371	101381	7430	455	6975	439206	27188	46609	3100	43509 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_411_1	binary	AEH	PhcCodes	Circulatory System	Ischemic Heart Disease	589146	181438	407708	110256	26866	83390	7669	1149	6520	423952	143232	280720	47269	10191	37078 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_411_2	binary	AEH	PhcCodes	Circulatory System	Unstable angina (intermediate coronary syndrome)	608828	21410	587418	117382	3327	114055 NA	NA	NA	NA	441731	16694	425037	49715	1389	48236 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_411_2	binary	ALL	PhcCodes	Circulatory System	Myocardial infarction	613544	50758	562786	117054	7836	109218	7907	320	7587	438805	39613	399292	49678	2989	46689 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_411_4	binary	ALL	PhcCodes	Circulatory System	Angina pectoris	600081	48939	551142	113727	7516	109218	7812	359	7453	430092	37853	392239	48450	3213	45239 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_411_4	binary	ALL	PhcCodes	Circulatory System	Coronary atherosclerosis	601576	155939	445637	113953	20748	93205	7780	962	6818	431153	125857	305296	48690	8372	40318 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_411_8	binary	ALL	PhcCodes	Circulatory System	Other chronic ischemic heart disease, unspecified	609935	89746	520189	11332	436623	72689	7859	536	7323	438623	72689	363934	49034	5189	43845 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_411_9	binary	AE	PhcCodes	Circulatory System	Other acute and subacute forms of ischemic heart disease	573483	1812	571671	120194	403	119791 NA	NA	NA	NA	453289	1409	451880 NA	NA	NA	SENSITIVE	NA	NA	NA	NA	NA	NA
Phc_414	binary	AEH	PhcCodes	Circulatory System	Other forms of chronic heart disease	607711	19189	588522	117109	4727	112382 NA	NA	NA	NA	440507	137279	426769	50095	734	49363 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_414_2	binary	AEH	PhcCodes	Circulatory System	Myocardial infarction	575249	4328	570921	121053	340	119802 NA	NA	NA	NA	452012 NA	3984	454216	50216	894	NA	NA	NA	NA	NA	NA	
Phc_415	binary	AEH	PhcCodes	Circulatory System	Pulmonary heart disease	612697	32057	580640	118217	7080	111137 NA	NA	NA	NA	444362	23571	420791	50118	1406	48712 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_415_1	binary	AEH	PhcCodes	Circulatory System	Acute pulmonary heart disease	626209	15395	610814	120634	3601	117033 NA	NA	NA	NA	454688	11180	450887	50887	614	50273 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_415_11	binary	AEH	PhcCodes	Circulatory System	Pulmonary embolism and infarction, acute	626498	15147	611351	120685	3541	117144 NA	NA	NA	NA	454915	11004	443911	50898	602	50296 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_415_2	binary	AEH	PhcCodes	Circulatory System	Chronic pulmonary heart disease	614689	15895	610814	120634	3601	117033 NA	NA	NA	NA	454915	11004	443911	50898	602	50296 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_415_21	binary	AE	PhcCodes	Circulatory System	Primary pulmonary hypertension	576106	2372	573734	120782	608	120714 NA	NA	NA	NA	455324	1764	453560 NA	NA	NA	NOT_SENSITIVE	NA	NA	NA	NA	NA	NA
Phc_416	binary	AEH	PhcCodes	Circulatory System	Cardiomegaly	601994	14078	587916	115086	3617	111949 NA	NA	NA	NA	437345	9788	427557	49563	673	48890 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_418	binary	ALL	PhcCodes	Circulatory System	Non-specific chest pain	550825	188446	362379	103768	42479	61289	7056	1484	5572	396210	129660	266550	43791	14823	28968 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_418_1	binary	AEH	PhcCodes	Circulatory System	Pericardial pain	619523	33923	618329	120896	4171	118771 NA	NA	NA	NA	449871	24713	447360	50813	213	50105 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_420	binary	AEH	PhcCodes	Circulatory System	Carditis	618739	10036	618703	119231	2064	117577 NA	NA	NA	NA	445062	7348	443154	50246	624	49622 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_420_2	binary	AEH	PhcCodes	Circulatory System	Pericarditis	624760	5339	619421	120347	1242	119105 NA	NA	NA	NA	453660	3775	449885	50753	322	50431 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_420_21	binary	AE	PhcCodes	Circulatory System	Acute pericarditis	578990	1058	577932	121417	274	121934 NA	NA	NA	NA	457573	784	456789 NA	NA	NA	SENSITIVE	NA	NA	NA	NA	NA	NA
Phc_420_3	binary	AEH	PhcCodes	Circulatory System	Endocarditis	624933	4460	620473	120550	764	119798 NA	NA	NA	NA	453742	3408	450334	50641	288	50353 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_425	binary	AEH	PhcCodes	Circulatory System	Cardiomyopathy	614554	28446	614554	118304	20918	118304 NA	NA	NA	NA	451296	20918	450578	50216	147	48762 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_425_1	binary	AEH	PhcCodes	Circulatory System	Primary/Idiopathic cardiomyopathies	615595	28083	587512	118680	6767	111913 NA	NA	NA	NA	446574	19943	426631	50341	1373	48966 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_425_11	binary	AE	PhcCodes	Circulatory System	Hypertrophic obstructive cardiomyopathy	579590	1001	578589	121529	275	121524 NA	NA	NA	NA	458061	726	457335 NA	NA	NA	SENSITIVE	NA	NA	NA	NA	NA	NA
Phc_425_12	binary	AE	PhcCodes	Circulatory System	Other hypertrophic cardiomyopathy	579554	790	578764	121521	246	121275 NA	NA	NA	NA	458033	544	457489 NA	NA	NA	SENSITIVE	NA	NA	NA	NA	NA	NA
Phc_425_2	binary	AEH	PhcCodes	Circulatory System	Cardiomyopathy/Idiopathic cardiomyopathies	575703	790	578764	121521	246	121275 NA	NA	NA	NA	458033	544	457489 NA	NA	NA	SENSITIVE	NA	NA	NA	NA	NA	NA
Phc_425_8	binary	AE	PhcCodes	Circulatory System	Other cardiomyopathy	579305	868	578437	121432	275	121357 NA	NA	NA	NA	457873	593	457280 NA	NA	NA	SENSITIVE	NA	NA	NA	NA	NA	NA
Phc_426	binary	ALL	PhcCodes	Circulatory System	Cardiac conduction disorders	569913	88165	481748	106907	17278	89629	7464	494	6970	408888	65844	343044	46654	4549	42105 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_426_2	binary	AEH	PhcCodes	Circulatory System	Arrhythmogenic (AV) block	615627	18720	596907	118865	2893	115972 NA	NA	NA	NA	446324	15010	443319	50438	817	49621 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_426_21	binary	AEH	PhcCodes	Circulatory System	First degree AV block	618766	7789	610977	119534	1413	118321 NA	NA	NA	NA	444819	6124	442495	50613	252	50363 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_426_23	binary	AEH	PhcCodes	Circulatory System	Second degree AV block	577633	2562	577633	120452	764	119643 NA	NA	NA	NA	456456	2028	456456	50777	77	50777 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_426_24	binary	AEH	PhcCodes	Circulatory System	Arrhythmogenic (AV) block	628799	7552	621247	121308	856	120452 NA	NA	NA	NA	456450	2028	456450	50777	77	50777 NOT_SENSITIVE	NA	NOT_SENSITIVE				

Phc_459	binary	AEH	PhcCodes	Circulatory System	Other disorders of circulatory system	594006	21933	572073	115040	4130	110930	NA	NA	430096	16710	413386	48870	1093	47777 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_459_7	binary	AE	PhcCodes	Circulatory System	Blood vessel replaced	575254	3410	571844	120801	695	120106	NA	NA	454453	2715	451738 NA	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_459_9	binary	AEH	PhcCodes	Circulatory System	Circulatory disease NEC	599499	16609	582890	116137	3035	113102	NA	NA	431404	12740	421404	49218	834	44834 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_464	binary	ALL	PhcCodes	Respiratory System	Acute sinusitis	576888	37098	539790	108262	8247	100015	7596	200	414596	26264	388332	49218	834	44047 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_465	binary	ALL	PhcCodes	Respiratory System	Acute upper respiratory infections of multiple or unspecified sites	526225	116986	409239	98182	38095	571783	7396	1183	379761	75478	304283	41518	10020	31498 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_465_2	binary	ALL	PhcCodes	Respiratory System	Acute pharyngitis	584425	23441	584425	106455	14436	102494	7660	225	423114	2607	40781 NOT_SENSITIVE	SENSITIVE	2335	4368 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_465_4	binary	AE	PhcCodes	Respiratory System	Acute laryngitis and tracheitis	574971	897	574074	120384	242	120142	NA	NA	454587	655	453932 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_470	binary	AEH	PhcCodes	Respiratory System	Septal defects/Turbinate hypertrophy	616160	17969	598191	119380	2272	119180	NA	NA	448683	13780	433803	49937	1917	48020 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_471	binary	AEH	PhcCodes	Respiratory System	Nasal polyps	626836	5398	621438	120911	906	120005	NA	NA	455091	4104	450987	50834	388	50446 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Phc_472	binary	AEH	PhcCodes	Respiratory System	Chronic pharyngitis and nasopharyngitis	602544	63341	574092	119380	2272	119180	7706	288	447086	14708	431767	48336	2334	46002 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_473	binary	AEH	PhcCodes	Respiratory System	Diseases of the larynx and vocal cords	613736	25610	588126	118469	4954	113515	NA	NA	445212	19053	426159	50055	1603	48452 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_473_1	binary	AE	PhcCodes	Respiratory System	Chronic laryngitis	576919	1164	575755	121071	249	120822	NA	NA	455848	915	454933 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_473_3	binary	AE	PhcCodes	Respiratory System	Paralysis/spasm of vocal cords or larynx	578812	1775	577037	121505	352	121153	NA	NA	457307	1423	455884 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_473_4	binary	AEH	PhcCodes	Respiratory System	Voice disturbance	616326	21058	595368	118962	4038	110443	NA	NA	441923 NA	15712	431786	50276	1307	48969 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_474	binary	AEH	PhcCodes	Respiratory System	Acute and chronic tonsillitis	623037	4848	618189	119257	1472	117785	NA	NA	453672	2607	450975	50108	679	49429 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_474_1	binary	AEH	PhcCodes	Respiratory System	Acute tonsillitis	623860	1520	624340	119984	515	119469	NA	NA	455555	748	454807	50321	257	50064 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Phc_474_2	binary	AEH	PhcCodes	Respiratory System	Chronic tonsillitis and adenoiditis	627513	3071	624442	120672	854	119818	NA	NA	456069	1799	454270	50772	418	50354 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Phc_475	binary	ALL	PhcCodes	Respiratory System	Chronic sinusitis	583968	52559	531409	109947	10948	98999	7602	350	419183	37930	381253	47236	3331	43905 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_475_9	binary	AEH	PhcCodes	Respiratory System	Postnasal drip	572665	1974	570691	120106	396	119710	NA	NA	452559	1578	450981 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_477	binary	AEH	PhcCodes	Respiratory System	Allergic rhinitis	569937	137654	432283	107348	30131	117217	7259	1846	409983	136203	45347	54347	11897	33450 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_477	binary	AEH	PhcCodes	Respiratory System	Epistaxis or throat hemorrhage	615546	13332	602214	118091	2849	115242	NA	NA	447460	9413	438047	49995	1070	48925 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_478	binary	AEH	PhcCodes	Respiratory System	Throat pain	615514	3227	612287	117932	749	117183	NA	NA	447945	2199	445746	49967	279	49358 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Phc_479	binary	AEH	PhcCodes	Respiratory System	Other upper respiratory disease	582509	21196	559313	111368	2853	105753	NA	NA	423645	16851	406795	47495	1732	45763 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_480	binary	ALL	PhcCodes	Respiratory System	Pneumonia	599256	59222	540034	113846	10974	120872	7762	344	429221	44325	384896	48427	3579	44848 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_480_1	binary	AEH	PhcCodes	Respiratory System	Bacterial pneumonia	611288	15677	595611	117939	2671	115268	NA	NA	443427	12190	431237	49922	816	49106 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_480_11	binary	AE	PhcCodes	Respiratory System	Pneumococcal pneumonia	573149	2618	570531	120444	455	119989	NA	NA	452705	2163	450542 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_480_2	binary	AE	PhcCodes	Respiratory System	Viral pneumonia	576854	15087	575847	120901	487	120453	NA	NA	455953	1020	454933 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_480_3	binary	AE	PhcCodes	Respiratory System	Pneumonia due to fungus (mycoses)	575712	12401	579722	120801	421	120402	NA	NA	454891	1319	453572 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_480_5	binary	AE	PhcCodes	Respiratory System	Bronchopneumonia and lung abscess	575646	1630	574016	120950	281	120669	NA	NA	454696	1349	453347 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_481	binary	AEH	PhcCodes	Respiratory System	Influenza	605594	7694	597900	115100	1838	113362	NA	NA	441849	5206	436643	48645	650	47995 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_483	binary	ALL	PhcCodes	Respiratory System	Acute bronchitis and bronchiolitis	562371	50689	511682	106021	10737	95284	7378	325	403775	36108	387667	45197	3519	41678 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_495	binary	AEH	PhcCodes	Respiratory System	Asthma	616077	1204	600999	117022	3202	119490	7785	7057	441907	20163	404455	49353	4856	44497 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_493_0	binary	AEH	PhcCodes	Respiratory System	Chronic obstructive asthma	624370	5470	618964	120396	1032	119364	NA	NA	453221	4108	450713	50753	330	50423 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Phc_495_11	binary	AE	PhcCodes	Respiratory System	Chronic obstructive asthma with exacerbation	575791	1494	575791	121099	396	122703	NA	NA	456186	1098	455088 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_495_2	binary	AEH	PhcCodes	Respiratory System	Asthma with exacerbation	623008	7194	615814	119664	2048	117616	NA	NA	452990	4363	448627	50354	783	49571 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_496_4	binary	AEH	PhcCodes	Respiratory System	Chronic airway obstruction	593315	13140	601665	112280	1764	121280	7727	527	449241	32083	430283	48180	5301	4287 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_496_1	binary	AEH	PhcCodes	Respiratory System	Empyema	614750	14344	610954	118940	2186	116754	NA	NA	453218	11773	453445	50592	385	42027 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Phc_496_2	binary	AEH	PhcCodes	Respiratory System	Chronic bronchitis	602986	35117	567869	116448	5577	110871	NA	NA	446841	28329	408512	49697	1211	48486 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_496_21	binary	AEH	PhcCodes	Respiratory System	Obstructive chronic bronchitis	608777	30448	578329	117327	4698	121327	NA	NA	440790	24763	416027	50162	987	49175 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_496_3	binary	AE	PhcCodes	Respiratory System	Bronchiectasis	577528	2289	575239	121197	398	120799	NA	NA	456331	1891	454440 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_498	binary	AEH	PhcCodes	Respiratory System	Acute bronchitis	583031	4405	580915	119390	644	120136	7577	236	440391	20177	408777	48817	2055	44762 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_498	binary	AE	PhcCodes	Respiratory System	Acute bronchospasm	574414	982	573432	120384	263	120221	NA	NA	454030	719	453311 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_500	binary	AE	PhcCodes	Respiratory System	Lung disease due to external agents	575703	3637	572033	120848	489	120359	NA	NA	454822	3148	451674 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_500_2	binary	AE	PhcCodes	Respiratory System	Pneumocystosis	578443	2319	576124	121478	215	121263	NA	NA	456965	2189	454851 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_501	binary	AEH	PhcCodes	Respiratory System	Pneumocystis due to inhalation of food or vomitus	622941	501	618766	120286	1053	121968	NA	NA	451968	3169	448621	50701	214	50487 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Phc_502	binary	AEH	PhcCodes	Respiratory System	Postinflammatory pulmonary fibrosis	614750	7335	614841	120322	1003	119322	NA	NA	451084	5804	445195	50767	443	50324 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Phc_503	binary	AE	PhcCodes	Respiratory System	Pulmonary congestion and hypositis	570569	2911	567658	119541	717	118824	NA	NA	451028	2194	448834 NA	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_504	binary	AEH	PhcCodes	Respiratory System	Other alveolar and parietoalveolar pneumonopathy	626665	5774	620891	120947	789	120158	NA	NA	454813	4622	450191	50905	363	50542 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Phc_504_11	binary	AEH	PhcCodes	Respiratory System	Idiopathic fibrosing alveolitis	628840	3057	625783	121376	378	120998	NA	NA	456444	2478	453966	51020	201	50818 SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Phc_505	binary	AEH	PhcCodes	Respiratory System	Other pulmonary inflammation or edema	575048	1922	575048	120440	1392	119808	NA	NA	453218	1390	452082	50732	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_506	binary	AEH	PhcCodes	Respiratory System	Empyema and pneumothorax	620718	5368	620710	120950	878	120072	NA	NA	454225	4254	449971	50903	236	50667 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Phc_507	binary	AEH	PhcCodes	Respiratory System	Pleury; pleural effusion	606808	22300	584508	117110	3655	113455	NA	NA	439965	17479	422486	49733	1166	48567 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_508	binary	AEH	PhcCodes	Respiratory System	Pulmonary collapse; interstitial and compensatory emphysema	606083	10622	595461	117158	1775	115383	NA	NA	439235	8294	430941	49690	553	49137 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_509	binary	AEH	PhcCodes	Respiratory System	Respiratory failure, insufficiency, arrest	605086	12812	605084	120634	738	120634	NA	NA	450961	2456	450506	49506	2476	47062 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_509_1	binary	AEH	PhcCodes	Respiratory System	Respiratory failure	612004	32930	579074	118294	5868	112426	NA	NA	443673	25188	418485	50037	1874	48163 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_509_2	binary	AEH	PhcCodes	Respiratory System	Respiratory insufficiency	625557	2909	622648	120505	669	119836	NA	NA	454275	1995	452280	50777	245	50532 NOT_SENSITIVE				

Phe_540_1	binary	AEH	PheCodes	Digestive System	Appendicitis	629733	5153	624580	121462	824	120638	NA	NA	452775	3733	453542	50996	596	50400 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_540_11	binary	AEH	PheCodes	Digestive System	Acute appendicitis	629881	4416	625565	121530	684	120848	NA	NA	457448	3205	454243	51003	527	50476 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_550	binary	ALL	PheCodes	Digestive System	Abdominal hernia	592107	93006	499101	113368	14411	98957	7788	310	423009	72077	350932	47942	6208	41734 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_550_1	binary	AEH	PheCodes	Digestive System	Inguinal hernia	616606	40192	576414	119292	6798	112494	NA	NA	447314	30768	416546	50000	2626	47374 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_550_2	binary	AEH	PheCodes	Digestive System	Diaphragmatic hernia	598444	24926	573518	115987	3391	112596	NA	NA	432116	20087	431219	49241	1448	47793 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_550_4	binary	AEH	PheCodes	Digestive System	Umbilical hernia	621042	10150	600808	115882	11980	116800	NA	NA	450744	1254	453190	50840	1580	48894 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_550_5	binary	AEH	PheCodes	Digestive System	Ventral hernia	620116	12462	607654	120114	1921	118193	NA	NA	449673	9646	440027	50329	895	49343 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_550_6	binary	AEH	PheCodes	Digestive System	Incisional hernia	627611	6869	620742	121038	846	120398	NA	NA	455476	5559	449917	50891	464	50427 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_555	binary	AEH	PheCodes	Digestive System	Inflammatory bowel disease and other gastroenteritis and colitis	624847	9804	615043	120410	1290	119120	NA	NA	453798	7959	445843	50639	559	50080 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_555_1	binary	AEH	PheCodes	Digestive System	Regional enteritis	578755	396	574556	121457	857	120886	NA	NA	457118	3448	449099	NA	NA	57 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_555_2	binary	AEH	PheCodes	Digestive System	Ulcerative colitis	625684	6597	619087	120573	856	119717	NA	NA	454380	5312	449068	50731	429	50302 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_555_21	binary	AE	PheCodes	Digestive System	Ulcerative colitis (chronic)	577250	2129	575121	121128	1752	120570	NA	NA	456122	1752	454370	NA	NA	50302 NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE
Phe_556	binary	AE	PheCodes	Digestive System	Ulceration of the lower GI tract	574228	2095	572133	120500	519	119981	NA	NA	453728	1576	452152	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE
Phe_556_1	binary	AE	PheCodes	Digestive System	Ulceration of intestine	573567	396	573471	120711	396	120336	NA	NA	454336	1254	453082	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE
Phe_556_11	binary	AE	PheCodes	Digestive System	Angiodysplasia of intestine (without mention of hemorrhage)	577600	914	574188	121188	1855	120950	NA	NA	456412	1254	455736	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE
Phe_558	binary	AEH	PheCodes	Digestive System	Noninfectious gastroenteritis	593066	20219	572847	112817	4038	108779	NA	NA	432610	14481	418129	47639	1700	45939 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_559	binary	AE	PheCodes	Digestive System	Ileostomy status	579588	2153	577435	121683	307	121376	NA	NA	457905	1846	456059	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE
Phe_560	binary	AEH	PheCodes	Digestive System	Intestinal obstruction without mention of hernia	615015	14267	600748	118324	3065	115259	NA	NA	446631	10263	436368	50060	939	49121 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_560_1	binary	AEH	PheCodes	Digestive System	Paralytic ileus	623176	3612	619564	120058	827	119931	NA	NA	452800	2571	449909	50638	214	50424 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_560_2	binary	AE	PheCodes	Digestive System	Impaction of intestine	575542	1794	573748	120513	494	120019	NA	NA	455029	1300	453729	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE
Phe_560_3	binary	AE	PheCodes	Digestive System	Peritoneal or intestinal adhesions	578943	961	577982	121494	237	121257	NA	NA	457449	724	456725	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE
Phe_560_4	binary	AEH	PheCodes	Digestive System	Other intestinal obstruction	624196	8855	615341	120343	1757	118586	NA	NA	453147	6522	446625	50706	576	50130 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_561	binary	ALL	PheCodes	Digestive System	Symptoms involving digestive system	561845	62422	617823	120531	15306	90225	7297	6630	404200	60997	433203	44817	6452	38363 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_561_1	binary	ALL	PheCodes	Digestive System	Diarrhea	575241	64557	510684	108649	10972	97677	7426	505	413404	48186	365218	45762	4894	40868 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_561_2	binary	AEH	PheCodes	Digestive System	Flatulence	609932	8884	601048	116794	2169	116794	NA	NA	443738	5920	437818	49400	795	48605 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_562	binary	ALL	PheCodes	Digestive System	Diverticulosis and diverticulitis	560607	78707	481360	108401	11647	96754	7620	351	398041	61479	336562	46005	5230	40775 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_562_1	binary	ALL	PheCodes	Digestive System	Diverticulosis	560366	69344	490820	108580	10297	98289	7645	301	398106	61479	336562	46005	5230	40775 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_562_2	binary	AEH	PheCodes	Digestive System	Diverticulitis	615933	1855	610132	119182	1855	117807	NA	NA	455112	11041	44948	49048	1175	48773 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_563	binary	ALL	PheCodes	Digestive System	Constipation	574265	72764	501501	107090	18119	88971	7591	447	413385	49201	364184	46199	4997	41202 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_564	binary	ALL	PheCodes	Digestive System	Functional digestive disorders	594572	38414	565158	112974	7062	112974	7703	304	425904	28143	397971	47971	2995	45066 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_564_1	binary	AEH	PheCodes	Digestive System	Irritable Bowel Syndrome	618399	19914	599025	119680	3158	116522	NA	NA	449173	15116	434057	50086	1640	48446 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_564_8	binary	AEH	PheCodes	Digestive System	Abnormal findings on exam of gastrointestinal tract/abdominal area	607807	8607	599207	119680	3158	116522	NA	NA	449173	15116	434057	50086	1640	48446 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_564_9	binary	AEH	PheCodes	Digestive System	Personal history of diseases of digestive system	619160	3094	616066	119535	561	118974	NA	NA	457025	2315	447025	50285	214	50086 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_565	binary	AEH	PheCodes	Digestive System	Anal and rectal conditions	594562	22164	572398	114256	5258	108998	NA	NA	431852	14873	416979	48454	2033	46421 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_565_1	binary	AEH	PheCodes	Digestive System	Anal and rectal polyp	610614	4747	605867	118144	746	117398	NA	NA	442774	3447	439327	49696	554	49142 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_567	binary	AEH	PheCodes	Digestive System	Peritonitis and retroperitoneal infections	620277	62096	620961	120961	1264	120961	NA	NA	453086	3700	453086	50731	228	50281 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_568	binary	AEH	PheCodes	Digestive System	Other disorders of peritoneum	624678	3165	621713	120519	518	119931	NA	NA	453889	2328	451361	50670	249	50421 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_568_1	binary	AE	PheCodes	Digestive System	Peritoneal adhesions (postoperative) (postinfection)	575596	2180	573416	120848	488	120430	NA	NA	454748	1762	452986	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE
Phe_569	binary	AEH	PheCodes	Digestive System	Other disorders of intestine	608287	8458	599829	117310	1496	115814	NA	NA	441247	6439	434808	49730	523	49207 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_569_2	binary	AE	PheCodes	Digestive System	Gastrointestinal complications	574598	2078	572520	120635	370	120265	NA	NA	453963	1708	452255	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE
Phe_571	binary	ALL	PheCodes	Digestive System	Chronic liver disease and cirrhosis	611056	6607	616177	116177	8646	116177	7738	621	417241	31254	427481	48395	562	427481 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_571_5	binary	ALL	PheCodes	Digestive System	Other chronic nonalcoholic liver disease	612137	44513	567624	116439	8587	107852	7744	610	439519	29832	409687	48435	5484	42951 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_571_51	binary	AEH	PheCodes	Digestive System	Cirrhosis of liver without mention of alcohol	624878	21024	603854	120039	5068	114971	NA	NA	454275	13575	440700	50564	2381	48183 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_571_8	binary	AEH	PheCodes	Digestive System	Liver abscess and sequelae of chronic liver disease	626072	6831	619241	120626	1034	119592	NA	NA	454744	4489	440755	50702	808	48984 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_571_9	binary	AEH	PheCodes	Digestive System	Acute liver hypertrophy	627178	3873	623905	121085	493	120635	NA	NA	453983	2951	450583	50810	472	48984 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_572	binary	AEH	PheCodes	Digestive System	Ascites (non malignant)	625751	60724	619676	120448	1027	119421	NA	NA	454558	4934	450124	50745	614	50133 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_573	binary	AEH	PheCodes	Digestive System	Other disorders of liver	613047	10161	602886	117716	2387	115329	NA	NA	445725	6914	438811	49606	860	48746 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_573_3	binary	AEH	PheCodes	Digestive System	Hepatomegaly	621264	4183	617081	119761	868	118893	NA	NA	451308	2890	448418	50195	425	49770 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_573_5	binary	AEH	PheCodes	Digestive System	Jaundice (not of newborn)	626555	2925	623710	120893	474	120419	NA	NA	455002	3069	452803	50743	252	50488 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_573_6	binary	AEH	PheCodes	Digestive System	Non-specific elevation of levels of transaminase or lactic acid dehydrogenase [LDH]	612945	8281	617799	116499	1458	116151	NA	NA	440281	9676	440281	50184	976	46208 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_573_7	binary	ALL	PheCodes	Digestive System	Abnormal results of function study of liver	604632	46132	585500	114765	8659	106106	7590	787	434922	21389	404242	47355	6006	41349 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_573_9	binary	AEH	PheCodes	Digestive System	Abnormal serum enzyme levels	610431	8388	602043	116834	2093	114741	NA	NA	444446	5457	438989	49151	888	48313 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_574	binary	ALL	PheCodes	Digestive System	Cholelithiasis and cholecystitis	623965	31193	592772	119315	4529	114786	7923	247	446752	23519	432233	49975	2898	47077 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_574_7	binary	AEH	PheCodes	Digestive System	Cholelithiasis	615428	21428	615428	119315	4529	114786	7923	247	446752	23519	432233	49975	2898	47077 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_574_11	binary	AEH	PheCodes	Digestive																				

Phc_613_9	binary	AE	PhcCodes	Genitourinary System	Breast disorder NOS	577138	1124	576014	120739	434	120205 NA				456399	690	455709 NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phc_681	binary	ALL	PhcCodes	Dermatological System	Superficial cellulitis and abscess	567659	101715	465944	106843	19499	87344	7468	567	6901	470646	74003	333643	45702	7646	38056 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_681_1	binary	AEH	PhcCodes	Dermatological System	Cellulitis and abscess of fingers/toes	605712	15670	590042	116757	2706	610712	NA	NA	NA	427803	11910	427803	49242	1054	48188 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_681_2	binary	AEH	PhcCodes	Dermatological System	Cellulitis and abscess of face/neck	620662	5338	615324	118987	1268	117719 NA	NA	NA	NA	451133	3645	447688	50342	425	49917 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_681_3	binary	AEH	PhcCodes	Dermatological System	Cellulitis and abscess of arm/hand	5496	16772	605276	1479	1780	117280 NA	NA	NA	NA	446019	7309	447810	49994	708	42826 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_681_4	binary	AEH	PhcCodes	Dermatological System	Cellulitis and abscess of leg -except foot	606114	5463	580464	117514	3276	117514 NA	NA	NA	NA	438284	20820	418624	45256	4108	47540 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_681_5	binary	AEH	PhcCodes	Dermatological System	Cellulitis and abscess of foot, toe	624510	5102	619408	120541	845	119696 NA	NA	NA	NA	453285	3862	449423	50684	395	50289 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_681_7	binary	AEH	PhcCodes	Dermatological System	Cellulitis and abscess of trunk	614639	11258	603381	118063	2491	115572 NA	NA	NA	NA	446681	7867	438814	49851	900	48995 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_686	binary	AEH	PhcCodes	Dermatological System	Other local infections of skin and subcutaneous tissue	607584	6863	600721	117197	1315	115882 NA	NA	NA	NA	440867	5115	435752	49520	433	49087 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_686_1	binary	AEH	PhcCodes	Dermatological System	Cellulitis and abscess of leg -except foot	613340	115506	605506	117514	2434	115506 NA	NA	NA	NA	446019	7309	447810	49994	708	42826 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_686_3	binary	AE	PhcCodes	Dermatological System	Fluorid cyst	578735	1884	576851	121404	429	120975 NA	NA	NA	NA	457331	1455	455876 NA	NA	NA	4930 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_686_4	binary	AE	PhcCodes	Dermatological System	Pyogenic granuloma	577456	1075	576381	121220	275	120945 NA	NA	NA	NA	456236	800	455436 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE
Phc_687	binary	AEH	PhcCodes	Dermatological System	Symptoms affecting skin	579541	19536	560005	110977	4113	106864 NA	NA	NA	NA	420964	14104	400860	47600	1319	46281 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_687_1	binary	AEH	PhcCodes	Dermatological System	Itch and other nonspecific skin eruption	602661	48266	602661	12645	4775	108735	7058	730	6328	381688	49398	388688	41799	4936	388688 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_687_2	binary	AEH	PhcCodes	Dermatological System	Localized superficial swelling, mass, or lump	586542	14019	587723	112357	3487	108870 NA	NA	NA	NA	420964	14104	400860	47600	1319	46281 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_687_4	binary	ALL	PhcCodes	Dermatological System	Disturbance of skin sensation	563538	55200	508338	104958	13318	91640	7364	448	6916	406188	37233	368955	45028	4201	40827 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_689	binary	ALL	PhcCodes	Dermatological System	Disorder of skin and subcutaneous tissue NO	557426	49974	507452	109384	5431	7197	7439	242	236	394367	42260	352107	46236	2041	44195 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_690	binary	ALL	PhcCodes	Dermatological System	Erythematousquamous dermatosis	606294	38452	586142	117770	4317	113453	7755	334	7421	431969	31655	400314	49100	2146	46954 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_690_1	binary	AE	PhcCodes	Dermatological System	Seborrheic dermatitis	607457	48166	606091	117959	4263	113665	7762	332	7430	432597	31438	401159	49169	2133	47038 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_691	binary	AE	PhcCodes	Dermatological System	Congenital anomalies of skin	574536	2985	571551	120115	996	119119 NA	NA	NA	NA	454421	1989	452432 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE
Phc_694	binary	ALL	PhcCodes	Dermatological System	Dyschromia and Vitiligo	603113	20295	583113	115691	3742	111669	7650	240	7410	431816	14747	411669	48751	1566	47185 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_694_1	binary	AEH	PhcCodes	Dermatological System	Vitiligo	630183	2270	627913	121324	644	120680 NA	NA	NA	NA	457834	1291	456543	51025	335	50690 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_694_2	binary	AEH	PhcCodes	Dermatological System	Other dyschromia	597005	17749	579756	115908	3063	112845 NA	NA	NA	NA	432327	12996	419241	48860	1190	47670 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_695	binary	ALL	PhcCodes	Dermatological System	Erythematous conditions	599793	41258	558535	115455	6526	108929	7695	364	7331	428061	31603	396458	45852	2765	45817 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_695_3	binary	AEH	PhcCodes	Dermatological System	Rosacea	604931	16251	604931	121332	409	409157	NA	NA	NA	449197	14942	434255	50653	900	49753 SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_695_4	binary	AEH	PhcCodes	Dermatological System	Lupus (localized and systemic)	630262	2630	627896	121506	992	120514 NA	NA	NA	NA	457922	1414	456508	51098	224	50874 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_695_41	binary	AE	PhcCodes	Dermatological System	Cutaneous lupus erythematosus	579818	1379	579818	121506	992	120514 NA	NA	NA	NA	458255	1414	457485 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE
Phc_695_42	binary	AE	PhcCodes	Dermatological System	Systemic lupus erythematosus	579818	1379	579818	121506	992	120514 NA	NA	NA	NA	458255	1414	457485 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE
Phc_695_7	binary	ALL	PhcCodes	Dermatological System	Prurigo and Lichen	623238	12643	610685	118079	3803	114276	7849	205	7644	447407	7562	439845	49993	1073	48920 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_695_8	binary	AEH	PhcCodes	Dermatological System	Other specified erythematous conditions	617972	6872	611100	119640	1012	118628 NA	NA	NA	NA	448256	5426	442630	50276	434	49842 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_696	binary	ALL	PhcCodes	Dermatological System	Psoriasis and related disorder	629313	20822	608491	120253	1958	118295	7918	296	7622	450753	16959	433794	50389	1609	48780 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_696_9	binary	ALL	PhcCodes	Dermatological System	Psooriasis	630093	20822	608491	120253	1958	118295	7918	296	7622	450753	16959	433794	50389	1609	48780 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_696_41	binary	ALL	PhcCodes	Dermatological System	Psoriasis vulgaris	631222	19300	611922	120819	1715	119054	7959	283	7578	451125	2112	450908	50560	1368	49008 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_696_42	binary	AEH	PhcCodes	Dermatological System	Psoriasis arthropathica	630449	3710	626739	121657	230	115087	NA	NA	NA	457705	3136	454569	51087	344	50743 SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE
Phc_697	binary	AE	PhcCodes	Dermatological System	Sarcoidosis	579589	3358	576231	121461	1823	119638 NA	NA	NA	NA	458128	1535	456593 NA	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE
Phc_699	binary	ALL	PhcCodes	Dermatological System	Pruritus and related conditions	605852	46845	585807	120729	1715	119024	7641	275	7366	451725	2112	450908	50560	1368	49008 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_700	binary	ALL	PhcCodes	Dermatological System	Corns and callosities	607697	46907	607697	139329	10057	10057	7834	256	7578	436870	30245	406625	49064	2574	46490 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_701	binary	ALL	PhcCodes	Dermatological System	Other hypertrophic and atrophic conditions	568083	57906	510177	108992	12117	96875	7422	442	6980	405435	41841	363594	46234	3506	42728 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_701_1	binary	AEH	PhcCodes	Dermatological System	Keratoderma, acquired	602436	18925	583511	115404	5154	110250 NA	NA	NA	NA	437478	13011	424467	49554	760	48794 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_701_2	binary	AEH	PhcCodes	Dermatological System	Scar conditions and fibrosis of skin	610674	8572	601022	118547	1234	117313 NA	NA	NA	NA	442178	6894	453284	49949	444	49505 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_701_3	binary	AEH	PhcCodes	Dermatological System	Degenerative skin conditions and other dermatoses	624666	14984	619814	119878	2346	117484 NA	NA	NA	NA	451945	2112	450908	50560	1368	49008 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_702	binary	ALL	PhcCodes	Dermatological System	Degenerative skin conditions and other dermatoses	573409	143958	429451	115170	3639	111531	7472	481	6991	404126	135246	268880	46641	4592	42049 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_702_1	binary	ALL	PhcCodes	Dermatological System	Actinic keratosis	588962	488966	588966	120668	235	120433 NA	NA	NA	NA	418798	98330	320468	49496	1431	48065 SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_702_2	binary	ALL	PhcCodes	Dermatological System	Seborrheic keratosis	569223	97103	617210	115978	3108	112780	7517	411	7106	398852	98634	390018	46876	3660	43216 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_703	binary	ALL	PhcCodes	Dermatological System	Disorders of nail, NOS	599408	48166	606091	117959	4263	113665	7762	332	7430	432597	31438	401159	49169	2133	47038 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_703_1	binary	AEH	PhcCodes	Dermatological System	Ingrowing nail	607243	35544	572043	117116	6425	110691 NA	NA	NA	NA	441217	1989	452432 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE
Phc_704	binary	ALL	PhcCodes	Dermatological System	Diseases of hair and hair follicles	605320	23554	581766	113701	7919	105782	7731	263	7468	435492	13091	422401	48396	2281	46115 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_704_1	binary	AEH	PhcCodes	Dermatological System	Alopecia	625111	5205	619906	119890	2249	117641 NA	NA	NA	NA	454807	2201	452606	50414	755	49659 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_704_11	binary	AEH	PhcCodes	Dermatological System	Alopecia Areata	630481	1581	628602	121222	4775	120594 NA	NA	NA	NA	458006	620	457386	50955	333	50622 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_705	binary	AEH	PhcCodes	Dermatological System	Other specified diseases of hair and hair follicles	605104	15142	610578	119757	2346	117484 NA	NA	NA	NA	451945	2112	450908	50560	1368	49008 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_705_1	binary	AEH	PhcCodes	Dermatological System	Disorders of sweat glands	621335	5664	615671	119202	1862	117340 NA	NA	NA	NA	451767	3304	448463	50366	408	49868 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phc_705_11	binary	AEH	PhcCodes	Dermatological System	Dysidrosis	624389	2450	624389	1202																



Phe_740	binary	ALL	PheCodes	Musculoskeletal System	Osteoarthritis	566504	260216	306288	107322	53758	53564	7264	1902	5362	406488	186580	219908	45430	17976	27454 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_740_1	binary	ALL	PheCodes	Musculoskeletal System	Osteoarthritis, localized	569495	155597	141438	107738	33002	74736	7373	1119	6254	408027	110164	298763	45907	11312	34595 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_740_11	binary	ALL	PheCodes	Musculoskeletal System	Osteoarthritis, localized, primary	579404	105643	473761	109119	22464	86655	7477	753	6724	416301	74914	341387	46507	7512	38995 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_740_12	binary	AEH	PheCodes	Musculoskeletal System	Osteoarthritis, localized, secondary	612101	13637	598464	117619	3089	114530 NA	NA	NA	NA	44429	9424	435505	49553	1124	44429 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_740_2	binary	AEH	PheCodes	Musculoskeletal System	Osteoarthritis, generalized	605928	2069	580859	108417	5018	113959	NA	NA	NA	44019	18541	421578	49592	1510	47882 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_740_3	binary	AEH	PheCodes	Musculoskeletal System	Osteoarthritis involving more than one site, but not specified as generalized	621221	1002	614970	118710	6241	118708 NA	NA	NA	NA	45984	4968	459824	50827	271	45984 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_740_9	binary	ALL	PheCodes	Musculoskeletal System	Osteoarthritis NOS	188534	572695	384161	108101	39373	68728	7448	1212	6236	410897	135505	275392	46249	12444	33805 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_741	binary	ALL	PheCodes	Musculoskeletal System	Symptoms and disorders of the joints	566695	69147	497548	105222	17708	87514	7417	463	6954	408223	46428	361795	45833	4548	41285 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_741_1	binary	AE	PheCodes	Musculoskeletal System	Arthritis of joint	578623	846	577777	121344	263	121081 NA	NA	NA	NA	457279	583	456696 NA	NA	NA	SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phe_741_2	binary	AEH	PheCodes	Musculoskeletal System	Arthritis of joint	610935	1444	610935	114068	1449	117598 NA	NA	NA	NA	44607	4497	456817	50333	20	49841 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_741_3	binary	AEH	PheCodes	Musculoskeletal System	Difficulty in walking	598168	35557	562611	113508	9238	104270 NA	NA	NA	NA	435306	24507	410799	49354	1812	47542 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_741_4	binary	AEH	PheCodes	Musculoskeletal System	Joint effusions	598610	12095	587515	113799	3644	110155 NA	NA	NA	NA	437056	7594	429462	857	47898 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_742	binary	AEH	PheCodes	Musculoskeletal System	Derangement of joint, non-traumatic	605386	14117	591469	116395	2460	113735 NA	NA	NA	NA	440289	10117	430172	48902	1340	47562 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_742_1	binary	AEH	PheCodes	Musculoskeletal System	Pathological, developmental or recurrent dislocation	577823	301	576389	117623	1444	110940 NA	NA	NA	NA	455052	1133	455419 NA	49234	1051	455419 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_742_9	binary	AEH	PheCodes	Musculoskeletal System	Other derangement of joint	609728	11139	598589	112745	2109	115136 NA	NA	NA	NA	435270	7970	435270	7970	NA	48183 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_743	binary	ALL	PheCodes	Musculoskeletal System	Osteoporosis, osteopenia and pathological fracture	609661	47451	562210	116347	6233	110114	7854	349	7505	436268	38138	398130	49192	2731	46461 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_743_1	binary	AEH	PheCodes	Musculoskeletal System	Osteoporosis	595884	24195	595884	120086	2533	117553 NA	NA	NA	NA	449519	429149	429149	50474	1283	49191 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_743_11	binary	AEH	PheCodes	Musculoskeletal System	Osteoporosis NOS	620320	27388	596532	120147	2486	117681 NA	NA	NA	NA	449692	20055	429637	50481	1267	49214 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_743_2	binary	AEH	PheCodes	Musculoskeletal System	Pathologic fracture	622333	6658	615675	119710	688	110871 NA	NA	NA	NA	451154	5618	445536	50618	352	50266 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_743_4	binary	AE	PheCodes	Musculoskeletal System	Stress fracture	576951	1590	575361	121219	261	120958 NA	NA	NA	NA	455732	1329	454403 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phe_743_9	binary	AEH	PheCodes	Musculoskeletal System	Osteopenia or other disorder of bone and cartilage	587521	23154	587521	117903	3443	110645 NA	NA	NA	NA	442896	18361	424535	49876	1350	48526 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_745	binary	ALL	PheCodes	Musculoskeletal System	Pain in joint	566309	400016	166293	109051	86695	22356	7049	4544	2505	400745	274417	130328	45464	34360	11104 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_747	binary	AEH	PheCodes	Congenital Anomalies	Cardiac and circulatory congenital anomalies	621570	3928	615642	120051	943	119108 NA	NA	NA	NA	450800	9245	446415	50539	120	50119 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_747_1	binary	AEH	PheCodes	Congenital Anomalies	Cardiac congenital anomalies	624473	4188	620285	120650	560	120090 NA	NA	NA	NA	453020	3359	449661	50803	269	50534 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Phe_747_11	binary	AE	PheCodes	Congenital Anomalies	Cardiac shunt/ heart septal defect	578649	1497	577152	121443	260	121483 NA	NA	NA	NA	457206	1237	455969 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phe_747_2	binary	AE	PheCodes	Congenital Anomalies	Congenital anomalies of peripheral vascular system	577627	1438	576189	121184	354	120830 NA	NA	NA	NA	456443	1084	455339 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phe_748	binary	AE	PheCodes	Congenital Anomalies	Congenital anomalies of face and neck	577792	773	577199	121249	215	121034 NA	NA	NA	NA	456723	558	456165 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phe_750	binary	AE	PheCodes	Congenital Anomalies	Digestive congenital anomalies	571466	2504	571466	119669	NA	119669 NA	NA	NA	NA	451306	2133	451306	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phe_750_2	binary	AE	PheCodes	Congenital Anomalies	Lower gastrointestinal congenital anomalies	575619	1305	574314	120839	273	120566 NA	NA	NA	NA	454780	1032	453748 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phe_751	binary	AEH	PheCodes	Congenital Anomalies	Genitourinary congenital anomalies	613812	11160	602652	117971	2400	115751 NA	NA	NA	NA	445948	807	437941	49893	753	49140 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_751_1	binary	AE	PheCodes	Congenital Anomalies	Congenital anomalies of genital organs	574996	1695	573301	120450	400	120050 NA	NA	NA	NA	454546	1295	453251 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phe_751_2	binary	AEH	PheCodes	Congenital Anomalies	Congenital anomalies of urinary system	619531	1921	610551	119241	325	117316 NA	NA	NA	NA	443405	6485	443405	50405	570	49833 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_751_21	binary	AEH	PheCodes	Congenital Anomalies	Cystic kidney disease	620688	8124	612744	119461	1775	117686 NA	NA	NA	NA	450902	117686	450902	50501	508	49997 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_753	binary	AE	PheCodes	Congenital Anomalies	Congenital anomalies of the eye	575779	1694	574085	120648	456	120192 NA	NA	NA	NA	455131	1238	453893 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phe_754	binary	AEH	PheCodes	Congenital Anomalies	Congenital musculoskeletal deformities of spine	626358	3067	623291	120763	518	120245 NA	NA	NA	NA	454830	2275	452555	50765	274	50491 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Phe_754_2	binary	AEH	PheCodes	Congenital Anomalies	Spondylolisthesis, congenital	626843	62843	626843	120948	1601	120948 NA	NA	NA	NA	454967	1601	454967	50955	300	50755 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_755	binary	ALL	PheCodes	Congenital Anomalies	Congenital anomalies of limbs	617250	18281	6115513	115913	5396	110117	7772	225	7537	444634	11417	433217	49331	1233	48096 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_755_1	binary	ALL	PheCodes	Congenital Anomalies	Congenital deformities of feet	619182	17469	619182	115915	5239	110676	7786	224	7562	445997	10835	435162	49484	1171	48313 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_756	binary	AE	PheCodes	Congenital Anomalies	Other congenital musculoskeletal anomalies	574659	1612	573047	120446	316	120130 NA	NA	NA	NA	454213	1296	452917 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phe_757	binary	AE	PheCodes	Congenital Anomalies	Congenital anomalies of the integument	577966	1167	577699	121210	255	120955 NA	NA	NA	NA	456756	912	455844 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phe_761	binary	ALL	PheCodes	Symptoms	Head pain	571096	33229	571096	120810	37663	127729	7274	3929	3345	457118	37663	457118	45775	28661	17114 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_761	binary	ALL	PheCodes	Symptoms	Cervicalgia	578606	123189	455417	108019	26227	81792	7377	1432	5945	417151	85075	332076	46059	10455	35604 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_761	binary	ALL	PheCodes	Symptoms	Thoracic or lumbosacral neuritis or radiculitis, unspecified	601177	65426	535751	113282	14208	99043	7690	631	7059	432085	45153	438693	48120	5403	42717 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_764	binary	ALL	PheCodes	Symptoms	Sciatica	600926	34846	566800	112968	7360	105608	7014	354	7350	432122	23927	408395	47932	3205	44727 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_765	binary	AEH	PheCodes	Symptoms	Cervical radiculitis	611636	52493	611636	114913	52493	114913 NA	NA	NA	NA	451519	52493	451519	49814	324	49814 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_766	binary	AEH	PheCodes	Symptoms	Neuralgia, neuritis, and radiculitis NOS	578447	17847	584444	112567	3885	112623 NA	NA	NA	NA	438225	12507	425607	48919	1344	47525 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_769	binary	ALL	PheCodes	Symptoms	Nonallopathic lesions NEC	57975	613930	120744	2955	137789	103811	7729	393	7686	454335	15140	439195	50652	1392	49260 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_770	binary	AEH	PheCodes	Symptoms	Myalgia and myositis unspecified	599966	39560	564006	112246	8435	103811	7729	393	7686	432131	22721	404860	47860	3461	44399 NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_771	binary	AE	PheCodes	Symptoms	Musculoskeletal symptoms referable to limbs	572676	1718	570958	119865	360	119505 NA	NA	NA	NA	452811	1358	451453 NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phe_771_1	binary	AEH	PheCodes	Symptoms	Swelling of limb	591041	9801	571281	112817	3417	120402 NA	NA	NA	NA	451887	9918	451887	48407	964	47443 NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_772	binary	AEH	PheCodes	Symptoms	Cramp of limb	611357	11842	611357	1122	117250 NA	NA	NA	NA	NA	448381	1122	437821	50177	393	49784 NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Phe_772_1	binary	AEH	PheCodes	Symptoms	Symptoms of the muscles	620598	2881	620598	119808	760	119048 NA	NA	NA	NA	453144	1860	451284	50527	261	50266 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_772_2	binary	AEH	PheCodes	Symptoms	Muscular wasting and disuse atrophy	576553	1997	574556	120918	525	120393 NA	NA	NA	NA	456535	1472	454163 NA	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Phe_772_3	binary	AEH	PheCodes	Symptoms	Myositis	595805	19509	577851	117051	451	11424	48025	2004	7519	457051	11424	457051	48025	2004	46021 NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_772_3	binary	AEH	PheCodes	Symptoms	Muscle weakness																			



Phe_963_1	binary	AE	PhECodes	Injuries and Poisonings	Antineoplastic and immunosuppressive drugs causing adverse effects	575695	2294	573401	120913	404	120509	NA	NA	NA	454782	1890	452892	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phe_964	binary	AE	PhECodes	Injuries and Poisonings	Poisoning by agents primarily affecting blood constituents	576016	1426	574590	120973	246	120727	NA	NA	NA	455043	1180	453863	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phe_964_1	binary	AE	PhECodes	Injuries and Poisonings	Anticoagulants causing adverse effects	576454	1310	575144	121076	227	120849	NA	NA	NA	455378	1083	454295	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phe_965	binary	AE	PhECodes	Injuries and Poisonings	Poisoning by analgesics, antipretics, and antirheumatics	575969	974	574995	120685	258	120427	NA	NA	NA	455284	716	454568	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phe_965_1	binary	AE	PhECodes	Injuries and Poisonings	Opiates and related narcotics causing adverse effects in therapeutic use	573963	1414	572549	120592	255	120337	NA	NA	NA	453371	1159	452212	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phe_969	binary	AEH	PhECodes	Injuries and Poisonings	Poisoning by psychotropic agents	624175	3029	576898	119909	686	119313	NA	NA	NA	454443	2114	453411	50631	229	50402	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_972_6	binary	AE	PhECodes	Injuries and Poisonings	Poisoning by agents primarily affecting the cardiovascular system	572501	1197	571304	119551	354	119197	NA	NA	NA	452950	843	452107	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phe_977	binary	AE	PhECodes	Injuries and Poisonings	Antihypertensive agents causing adverse effects	574954	636	574318	120026	244	119782	NA	NA	NA	454528	392	454536	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phe_977_1	binary	AE	PhECodes	Injuries and Poisonings	Personal history of allergy to medical agents	576833	847	575986	120882	305	120577	NA	NA	NA	455951	542	455409	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phe_978	binary	AEH	PhECodes	Injuries and Poisonings	Adverse drug events and drug allergies	598189	12261	596918	114847	222	112618	NA	NA	NA	456443	8199	456427	48716	833	47882	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_980	binary	AEH	PhECodes	Infectious Diseases	Encounter for long-term (current) use of antibiotics	626815	3290	623525	121020	464	120556	NA	NA	NA	454972	2620	452352	50823	206	50617	SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Phe_989	binary	AE	PhECodes	Injuries and Poisonings	Toxic effect of other substances, chiefly nonmedicinal as to source	576764	1166	575598	120918	206	120712	NA	NA	NA	455846	960	454886	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phe_990	binary	AEH	PhECodes	Injuries and Poisonings	Effects radiation NOS	622100	9014	613086	119740	2196	117544	NA	NA	NA	451639	6428	445211	50721	390	50333	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Phe_994	binary	AEH	PhECodes	Injuries and Poisonings	Sepsis and SIRS	610374	23293	587171	117658	4443	113315	NA	NA	NA	443137	17477	426060	49579	1683	47896	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Phe_994_1	binary	AE	PhECodes	Injuries and Poisonings	Systemic inflammatory response syndrome (SIRS)	575372	1418	573954	120729	252	120467	NA	NA	NA	454643	1156	453487	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	
Phe_994_2	binary	AEH	PhECodes	Injuries and Poisonings	Sepsis	611588	21410	590178	117901	4128	113773	NA	NA	NA	444633	15739	428294	49654	1543	48111	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Phe_994_21	binary	AEH	PhECodes	Injuries and Poisonings	Septic shock	622647	3364	626011	120719	637	120082	NA	NA	NA	454520	2482	452038	50772	245	50527	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Platelet_Max	qt	ALL	LABS	LABS	platelet count (maximum)	582128	NA	NA	114389	NA	NA	NA	7021	NA	413094	NA	47624	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Platelet_Max_INT	qt	ALL	LABS	LABS	platelet count (maximum, inv-norm transformed)	582128	NA	NA	114389	NA	NA	NA	7021	NA	413094	NA	47624	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Platelet_Mean	qt	ALL	LABS	LABS	platelet count (mean)	582750	NA	NA	114541	NA	7027	NA	NA	413519	NA	47663	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Platelet_Mean_INT	qt	ALL	LABS	LABS	platelet count (mean, inv-norm transformed)	582750	NA	NA	114541	NA	7027	NA	NA	413519	NA	47663	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Platelet_Min	qt	ALL	LABS	LABS	platelet count (minimum)	582983	NA	NA	114606	NA	7029	NA	NA	413671	NA	47677	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Platelet_Min_INT	qt	ALL	LABS	LABS	platelet count (minimum, inv-norm transformed)	582983	NA	NA	114606	NA	7029	NA	NA	413671	NA	47677	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Potas_BSP_Max	qt	ALL	LABS	LABS	potassium (maximum)	602642	NA	NA	118152	NA	7443	NA	NA	427997	NA	49050	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Potas_BSP_Max_INT	qt	ALL	LABS	LABS	potassium (maximum, inv-norm transformed)	602642	NA	NA	118152	NA	7443	NA	NA	427997	NA	49050	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Potas_BSP_Mean	qt	ALL	LABS	LABS	potassium (mean)	603080	NA	NA	118329	NA	7450	NA	NA	428206	NA	49095	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Potas_BSP_Mean_INT	qt	ALL	LABS	LABS	potassium (mean, inv-norm transformed)	603080	NA	NA	118329	NA	7450	NA	NA	428206	NA	49095	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
Potas_BSP_Min	qt	ALL	LABS	LABS	potassium (minimum)	603084	NA	NA	118330	NA	7450	NA	NA	428209	NA	49095	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
proBNP_Max	qt	AEH	LABS	LABS	pro-brain natriuretic peptide (proBNP, maximum)	30000	NA	29990	NA	5287	NA	NA	NA	23462	NA	1241	NA	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
proBNP_Max_INT	qt	AEH	LABS	LABS	pro-brain natriuretic peptide (proBNP, maximum, inv-norm transformed)	30000	NA	29990	NA	5287	NA	NA	NA	23462	NA	1241	NA	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
proBNP_Mean	qt	AEH	LABS	LABS	pro-brain natriuretic peptide (proBNP, mean)	30000	NA	30000	NA	5289	NA	NA	NA	23471	NA	1240	NA	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
proBNP_Mean_INT	qt	AEH	LABS	LABS	pro-brain natriuretic peptide (proBNP, mean, inv-norm transformed)	30000	NA	30000	NA	5289	NA	NA	NA	23471	NA	1240	NA	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
proBNP_Min	qt	AEH	LABS	LABS	pro-brain natriuretic peptide (proBNP, minimum)	30011	NA	30011	NA	5296	NA	NA	NA	23471	NA	1244	NA	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
proBNP_Min_INT	qt	AEH	LABS	LABS	pro-brain natriuretic peptide (proBNP, minimum, inv-norm transformed)	30011	NA	30011	NA	5296	NA	NA	NA	23471	NA	1244	NA	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
PSA_Max	qt	ALL	LABS	LABS	prostate-specific antigen (PSA, maximum)	359512	NA	359512	NA	72700	NA	3120	NA	257874	NA	25818	NA	NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
PSA_Max_INT	qt	ALL	LABS	LABS	prostate-specific antigen (PSA, maximum, inv-norm transformed)	359512	NA	359512	NA	72700	NA	3120	NA	257874	NA	25818	NA	NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
PSA_Mean	qt	ALL	LABS	LABS	prostate-specific antigen (PSA, mean)	359580	NA	359580	NA	72716	NA	3120	NA	257922	NA	25822	NA	NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
PSA_Mean_INT	qt	ALL	LABS	LABS	prostate-specific antigen (PSA, mean, inv-norm transformed)	359580	NA	359580	NA	72716	NA	3120	NA	257922	NA	25822	NA	NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
PSA_Min	qt	ALL	LABS	LABS	prostate-specific antigen (PSA, minimum)	359743	NA	359743	NA	72779	NA	3123	NA	258008	NA	25833	NA	NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
PSA_Min_INT	qt	ALL	LABS	LABS	prostate-specific antigen (PSA, minimum, inv-norm transformed)	359743	NA	359743	NA	72779	NA	3123	NA	258008	NA	25833	NA	NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
PT_Max	qt	AEH	LABS	LABS	prothrombin time (PT, maximum)	120489	NA	120489	NA	25143	NA	NA	NA	87800	NA	7546	NA	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
PT_Max_INT	qt	AEH	LABS	LABS	prothrombin time (PT, maximum, inv-norm transformed)	120489	NA	120489	NA	25143	NA	NA	NA	87800	NA	7546	NA	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
PT_Mean	qt	AEH	LABS	LABS	prothrombin time (PT, mean)	120372	NA	120372	NA	25130	NA	NA	NA	87702	NA	7540	NA	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
PT_Mean_INT	qt	AEH	LABS	LABS	prothrombin time (PT, mean, inv-norm transformed)	120372	NA	120372	NA	25130	NA	NA	NA	87702	NA	7540	NA	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
PT_Min	qt	AEH	LABS	LABS	prothrombin time (PT, minimum)	120409	NA	120409	NA	25095	NA	NA	NA	87422	NA	7532	NA	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
PT_Min_INT	qt	AEH	LABS	LABS	prothrombin time (PT, minimum, inv-norm transformed)	120409	NA	120409	NA	25095	NA	NA	NA	87422	NA	7532	NA	NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
RBC_Max	qt	ALL	LABS	LABS	red blood cell count (RBC, maximum)	581108	NA	581108	NA	114575	NA	7022	NA	411850	NA	47661	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
RBC_Max_INT	qt	ALL	LABS	LABS	red blood cell count (RBC, maximum, inv-norm transformed)	581108	NA	581108	NA	114575	NA	7022	NA	411850	NA	47661	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
RBC_Mean	qt	ALL	LABS	LABS	red blood cell count (RBC, mean)	581118	NA	581118	NA	114576	NA	7022	NA	411859	NA	47661	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
RBC_Mean_INT	qt	ALL	LABS	LABS	red blood cell count (RBC, mean, inv-norm transformed)	581118	NA	581118	NA	114576	NA	7022	NA	411859	NA	47661	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
RBC_Min	qt	ALL	LABS	LABS	red blood cell count (RBC, minimum)	581121	NA	581121	NA	114576	NA	7022	NA	411862	NA	47661	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
RBC_Min_INT	qt	ALL	LABS	LABS	red blood cell count (RBC, minimum, inv-norm transformed)	581121	NA	581121	NA	114576	NA	7022	NA	411862	NA	47661	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
RDW_Min	qt	ALL	LABS	LABS	red cell diameter width (RDW, minimum)	547570	NA	547570	NA	110277	NA	6521	NA	386480	NA	44292	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
RDW_Max	qt	ALL	LABS	LABS	red cell diameter width (RDW, maximum, inv-norm transformed)	547570	NA	547570	NA	110277	NA	6521	NA	386480	NA	44292	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
RDW_Mean	qt	ALL	LABS	LABS	red cell diameter width (RDW, mean)	548161	NA	548161	NA	110367	NA	6521	NA	386930	NA	44343	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
RDW_Mean_INT	qt	ALL	LABS	LABS	red cell diameter width (RDW, mean, inv-norm transformed)	548161	NA	548161	NA	110367	NA	6521	NA	386930	NA	44343	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
RDW_Min_INT	qt	ALL	LABS	LABS	red cell diameter width (RDW, minimum)	548246	NA	548246	NA	110420	NA	6521	NA	386951	NA	44354	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
RDW_Min_INT	qt	ALL	LABS	LABS	red cell diameter width (RDW, minimum, inv-norm transformed)	548246	NA	548246	NA	110420	NA	6521	NA	386951	NA	44354	NA	NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	
RF_Max	qt	AEH	LABS	LABS	rheumatoid factor (RF, maximum)	9835	NA	9835	NA	2279	NA	NA	NA	6503	NA	1053	NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	
RF_Max_INT	qt	AEH	LABS	LABS	rheumatoid factor (RF, maximum, inv-norm transformed)	9835	NA	9835	NA	2279	NA	NA	NA	6503	NA	1053	NA	NA							

Trig_Min_INT	qt	ALL	Labs	Labs	triglyceride (minimum, inv-norm transformed)	558301 NA	NA	107602 NA	NA	6877 NA	NA	397906 NA	NA			45916 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
Troponin_Max_INT	qt	AE	Labs	Labs	total troponin (maximum, inv-norm transformed)	7938 NA	NA	2156 NA	NA	NA	NA	5782 NA	NA	NA	NA	NA	NA	SENSITIVE	SENSITIVE	NOT_SENSITIVE	NA	NOT_SENSITIVE
Troponin_Mean_INT	qt	AE	Labs	Labs	total troponin (mean, inv-norm transformed)	7944 NA	NA	2158 NA	NA	NA	NA	5786 NA	NA	NA	NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Troponin_Min_INT	qt	AE	Labs	Labs	total troponin (minimum, inv-norm transformed)	7939 NA	NA	2156 NA	NA	NA	NA	5783 NA	NA	NA	NA	NA	NA	SENSITIVE	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE
Troponin_Max_INT	qt	AEH	Labs	Labs	troponin i (maximum, inv-norm transformed)	41100 NA	NA	10380 NA	NA	NA	NA	27861 NA	NA	NA	NA	3059 NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Troponin_Mean_INT	qt	AEH	Labs	Labs	troponin i (mean, inv-norm transformed)	41030 NA	NA	10366 NA	NA	NA	NA	27807 NA	NA	NA	NA	3057 NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
Troponin_Min_INT	qt	AEH	Labs	Labs	troponin i (minimum, inv-norm transformed)	40787 NA	NA	10309 NA	NA	NA	NA	27439 NA	NA	NA	NA	3039 NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE
TSAT_Max	qt	AEH	Labs	Labs	transferrin saturation (TSAT, maximum)	80960 NA	NA	18175 NA	NA	NA	NA	56771 NA	NA	NA	NA	6014 NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
TSAT_Max_INT	qt	AEH	Labs	Labs	transferrin saturation (TSAT, maximum, inv-norm transformed)	80960 NA	NA	18175 NA	NA	NA	NA	56771 NA	NA	NA	NA	6014 NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
TSAT_Mean	qt	AEH	Labs	Labs	transferrin saturation (TSAT, mean)	80940 NA	NA	18172 NA	NA	NA	NA	56755 NA	NA	NA	NA	6013 NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
TSAT_Mean_INT	qt	AEH	Labs	Labs	transferrin saturation (TSAT, mean, inv-norm transformed)	80940 NA	NA	18172 NA	NA	NA	NA	56755 NA	NA	NA	NA	6013 NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
TSAT_Min	qt	AEH	Labs	Labs	transferrin saturation (TSAT, minimum)	80926 NA	NA	18168 NA	NA	NA	NA	56745 NA	NA	NA	NA	6013 NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
TSAT_Min_INT	qt	AEH	Labs	Labs	transferrin saturation (TSAT, minimum, inv-norm transformed)	80926 NA	NA	18168 NA	NA	NA	NA	56745 NA	NA	NA	NA	6013 NA	NA	NOT_SENSITIVE	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
WBC_Max	qt	ALL	Labs	Labs	white blood cell count (WBC, maximum)	544539 NA	NA	108561 NA	NA	6860 NA	NA	386788 NA	NA	NA	NA	42330 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
WBC_Max_INT	qt	ALL	Labs	Labs	white blood cell count (WBC, maximum, inv-norm transformed)	544539 NA	NA	108561 NA	NA	6860 NA	NA	386788 NA	NA	NA	NA	42330 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
WBC_Mean	qt	ALL	Labs	Labs	white blood cell count (WBC, mean)	545111 NA	NA	108682 NA	NA	6862 NA	NA	387208 NA	NA	NA	NA	42359 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
WBC_Mean_INT	qt	ALL	Labs	Labs	white blood cell count (WBC, mean, inv-norm transformed)	545111 NA	NA	108682 NA	NA	6862 NA	NA	387208 NA	NA	NA	NA	42359 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
WBC_Min	qt	ALL	Labs	Labs	white blood cell count (WBC, minimum)	545340 NA	NA	108727 NA	NA	6861 NA	NA	387381 NA	NA	NA	NA	42371 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
WBC_Min_INT	qt	ALL	Labs	Labs	white blood cell count (WBC, minimum, inv-norm transformed)	545340 NA	NA	108727 NA	NA	6861 NA	NA	387381 NA	NA	NA	NA	42371 NA	NA	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
WeightSRlb	qt	ALL	Surveys	Vitals	What is your weight? (pounds)	371434 NA	NA	52420 NA	NA	3736 NA	NA	291878 NA	NA	NA	NA	23400 NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE
WeightSRlb_INT	qt	ALL	Surveys	Vitals	What is your weight? (pounds, inv-normal transformed)	371434 NA	NA	52420 NA	NA	3736 NA	NA	291878 NA	NA	NA	NA	23400 NA	NA	NOT_SENSITIVE	SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE	NOT_SENSITIVE