

Data Set Name: ms_analysis.sas7bdat

Num	Variable	Type	Len	Format	Label
1	RandComponentID	Char	10		Randomized MS Component Identifier
2	Year_of_Donation	Char	4		Year of Donation
3	First_Time_Repeat_Donor	Char	3		Was the donation from a first time or repeat blood donor?
4	HIV_NAT	Char	2		HIV NAT
5	HIV_Ab	Char	13		HIV Ab
6	HCV_NAT	Char	2		HCV NAT
7	HCV_Ab	Char	13		HCV Ab
8	HBsAg	Char	3		HBsAg
9	Anti_HBc	Char	2		Anti-HBc
10	Race_Ethnicity	Char	1		Donor's race/ethnicity (if provided)
11	Gender	Char	1		Sex
12	Age	Num	8		Age on day of donation (in years)
13	Organization_Group	Char	4		Blood center organization 'group'
14	REG_NAME	Char	9		Donor's Region (based on state of residence)
15	Biospecimen_sent	Char	3		A serum or plasma sample was sent for the MS study
16	HIV_Stat_1	Char	3		HIV derived status (prior to detuned testing)
17	Detuned_Overall_Interp	Char	1		HIV detuned assay final interpretation
18	HIV_Stat_2	Char	4		HIV derived status (post detuned testing)
19	HCV_Status	Char	4		HCV derived status
20	HBV_Status	Char	4		HBV derived status
21	HBV_DNAStatus	Char	13		HBV DNA Status
22	Coinfection	Char	4		Coninfection derived status
23	Date_Last_Non_Reactive_Donation	Num	8	MMDDYY10.	Date of last non-reactive donation
24	HBV_ampliscreen_FinalInterp	Char	8		HBV ampliscreen final interpretation
25	HBV_CenterQualitative	Char	9		Qualitative HBV reactivity results (from centers); blank if not provided
26	BSRIDTSOD	Num	8		HIV detuned assay value (standardized optical density; HIV-1 LS EIA Vironostika assay)
27	BSRIDTS_C	Num	8		HIV detuned assay value (signal/cutoff; HIV-1 LS EIA Ortho-Vitros assay)
28	BSRI_HBV_PCR_SUCCESSFUL	Char	3		Was HBV PCR successful?
29	BSRIHBVAltPCR	Char	3		Was Alternative HBV PCR successful?
30	BSRIHBVSubgroup	Char	2		HBV Subgroup (from BSRI PCR results)
31	BSRIHBVNeutMutation	Char	3		Was a HBV neutralization mutation present?
32	BSRIHBVNeutMutation_1	Char	7		BSRIHBVNeutMutation_1
33	BSRIHBVNeutMutation_2	Char	5		BSRIHBVNeutMutation_2
34	BSRIHBVNeutMutationInterp_1	Char	255		BSRIHBVNeutMutationInterp_1
35	BSRIHBVNeutMutationInterp_2	Char	255		BSRIHBVNeutMutationInterp_2

Num	Variable	Type	Len	Format	Label
36	BSRIHBVDrugResistMutation	Char	2		Was a HBV drug resistance mutation present?
37	BSRIHBVOtherSignificantMutation	Char	1		Were other significant HBV mutations present?
38	BSRIHBVPCRComments	Char	23		HBV PCR Testing comments
39	BSRIHBVNucleotide	Char	2109		HBV Nucleotide sequence
40	BSRIHBVProteinPol	Char	702		HBV Pol protein sequence
41	BSRIHBVProteinEnv	Char	402		HBV Env protein sequence
42	BSRI_HCV_PCR_SUCCESSFUL	Char	3		Was HCV PCR successful?
43	BSRIHCVAltPCR	Char	1		Was Alternative HCV PCR successful?
44	BSRIHCVSubgroup	Char	2		HCV Subgroup (from BSRI PCR results)
45	BSRIHCVPCRComments	Char	1		HCV PCR Testing comments
46	BSRIHCVNucleotide	Char	363		HCV Nucleotide sequence
47	BSRIHCVProteinCore	Char	122		HCV Potein Core sequence
48	BSRI_HIV_PCR_SUCCESSFUL	Char	3		Was HIV PCR successful?
49	BSRIHIVAltPCR	Char	1		Was Alternative HIV PCR successful?
50	BSRIHIVSubtype	Char	6		HIV Subgroup (from BSRI PCR results)
51	BSRIHIVResistMutationPro	Char	3		Was an HIV drug resistance protease mutation present?
52	BSRIHIVResistMutationPro_1	Char	4		BSRIHIVResistMutationPro_1
53	BSRIHIVResistMutationPro_2	Char	4		BSRIHIVResistMutationPro_2
54	BSRIHIVResistMutationPro_3	Char	4		BSRIHIVResistMutationPro_3
55	BSRIHIVResistMutationRT	Char	3		Was an HIV drug resistance RT mutation present?
56	BSRIHIVResistMutationRT_1	Char	6		BSRIHIVResistMutationRT_1
57	BSRIHIVResistMutationRT_2	Char	5		BSRIHIVResistMutationRT_2
58	BSRIHIVResistMutationRT_3	Char	5		BSRIHIVResistMutationRT_3
59	BSRIHIVResistMutationRT_4	Char	5		BSRIHIVResistMutationRT_4
60	BSRIHIVResistMutationRT_5	Char	5		BSRIHIVResistMutationRT_5
61	BSRIHIVResistMutationRT_6	Char	5		BSRIHIVResistMutationRT_6
62	BSRIHIVResistMutationRT_7	Char	5		BSRIHIVResistMutationRT_7
63	BSRIHIVDrugResistInterpRT_1	Char	5		BSRIHIVDrugResistInterpRT_1
64	BSRIHIVDrugResistInterpRT_2	Char	5		BSRIHIVDrugResistInterpRT_2
65	BSRIHIVDrugResistInterpRT_3	Char	5		BSRIHIVDrugResistInterpRT_3
66	BSRIHIVDrugResistInterpRT_4	Char	4		BSRIHIVDrugResistInterpRT_4
67	BSRIHIVDrugResistInterpRT_5	Char	4		BSRIHIVDrugResistInterpRT_5
68	BSRIHIVDrugResistInterpRT_6	Char	5		BSRIHIVDrugResistInterpRT_6
69	BSRIHIVDrugResistInterpRT_7	Char	5		BSRIHIVDrugResistInterpRT_7
70	BSRIHIVPCRComments	Char	1		HIV PCR Testing comments
71	BSRIHIVNucleotide	Char	1336		HIV Nucleotide sequence
72	BSRIHIVProteinProRT	Char	432		HIV Protease protein sequence
73	HBV_DNA_VIRAL_LOAD	Num	8		HBV DNA Viral Load in IU/mL
74	HIV_RNA_Viral_LOAD	Num	8		HIV RNA Viral Load in copies/mL

Num	Variable	Type	Len	Format	Label
75	HCV_RNA_VIRAL_LOAD	Num	8		HCV RNA Viral Load in IU/mL
76	HBV_ampliscreen_S_CO	Num	8		HBV ampliscreen value (signal/cutoff; Ampliscreen assay at BSL)

Data Set Name: ms_annualsummary.sas7bdat

Num	Variable	Type	Len	Label
1	year	Num	8	Donation Year
2	Organization_Group	Char	5	Blood Center Organization
3	Total_FTAllo	Num	8	Total number of First Time Allogeneic donations
4	Total_RPTAllo	Num	8	Total number of Repeat Allogeneic donations
5	Total_UNKAllo	Num	8	Total number of Unknown donation type of allogeneic donations
6	MeanFTAge	Num	8	Mean age of FT donors
7	FT_Age0_20	Num	8	Total number of FT donations less than 20 years of age
8	FT_Age20_29	Num	8	Total number of FT donations between 20 and 29 years of age
9	FT_Age30_39	Num	8	Total number of FT donations between 30 and 39 years of age
10	FT_Age40_49	Num	8	Total number of FT donations between 40 and 49 years of age
11	FT_Age50_59	Num	8	Total number of FT donations between 50 and 59 years of age
12	FT_Age60_69	Num	8	Total number of FT donations between 60 and 69 years of age
13	FT_Age70_79	Num	8	Total number of FT donations between 70 and 79 years of age
14	FT_Age80	Num	8	Total number of FT donations greater than or equal to 80 years of age
15	FT_Age999	Num	8	Total number of FT donations unknown years of age
16	MeanRPTAge	Num	8	Mean age of RPT donors
17	RPT_Age0_20	Num	8	Total number of RPT donations less than 20 years of age
18	RPT_Age20_29	Num	8	Total number of RPT donations between 20 and 29 years of age
19	RPT_Age30_39	Num	8	Total number of RPT donations between 30 and 39 years of age
20	RPT_Age40_49	Num	8	Total number of RPT donations between 40 and 49 years of age
21	RPT_Age50_59	Num	8	Total number of RPT donations between 50 and 59 years of age
22	RPT_Age60_69	Num	8	Total number of RPT donations between 60 and 69 years of age
23	RPT_Age70_79	Num	8	Total number of RPT donations between 70 and 79 years of age
24	RPT_Age80	Num	8	Total number of RPT donations greater than or equal to 80 years of age
25	RPT_Age999	Num	8	Total number of RPT donations unknown years of age
26	FT_RegionNE	Num	8	Total number of FT donations in CDC region = Northeast
27	FT_RegionMW	Num	8	Total number of FT donations in CDC region = Midwest
28	FT_RegionS	Num	8	Total number of FT donations in CDC region = South
29	FT_RegionW	Num	8	Total number of FT donations in CDC region = West
30	FT_RegionOth	Num	8	Total number of FT donations in CDC region = Other
31	FT_RegionUnk	Num	8	Total number of FT donations in CDC region = Unknown
32	RPT_RegionNE	Num	8	Total number of RPT donations in CDC region = Northeast
33	RPT_RegionMW	Num	8	Total number of RPT donations in CDC region = Midwest
34	RPT_RegionS	Num	8	Total number of RPT donations in CDC region = South
35	RPT_RegionW	Num	8	Total number of RPT donations in CDC region = West
36	RPT_RegionOth	Num	8	Total number of RPT donations in CDC region = Other

Num	Variable	Type	Len	Label
37	RPT_RegionUnk	Num	8	Total number of RPT donations in CDC region = Unknown
38	FT_Female	Num	8	Total number of FT female donations
39	FT_Male	Num	8	Total number of FT male donations
40	FT_Gender9	Num	8	Total number of FT unknown gender donations
41	RPT_Female	Num	8	Total number of RPT female donations
42	RPT_Male	Num	8	Total number of RPT male donations
43	RPT_Gender9	Num	8	Total number of RPT unknown gender donations
44	FT_Race7	Num	8	Total number of FT donations with race/ethnicity = refused
45	FT_Race8	Num	8	Total number of FT donations with race/ethnicity = don't know
46	FT_Race9	Num	8	Total number of FT donations with race/ethnicity = not available
47	FT_RaceA	Num	8	Total number of FT donations with race/ethnicity = Asian
48	FT_RaceB	Num	8	Total number of FT donations with race/ethnicity = Black
49	FT_RaceH	Num	8	Total number of FT donations with race/ethnicity = Hispanic
50	FT_RaceI	Num	8	Total number of FT donations with race/ethnicity = Native American
51	FT_RaceM	Num	8	Total number of FT donations with race/ethnicity = More than one race
52	FT_RaceO	Num	8	Total number of FT donations with race/ethnicity = Other
53	FT_RaceW	Num	8	Total number of FT donations with race/ethnicity = White
54	RPT_Race7	Num	8	Total number of RPT donations with race/ethnicity = refused
55	RPT_Race8	Num	8	Total number of RPT donations with race/ethnicity = don't know
56	RPT_Race9	Num	8	Total number of RPT donations with race/ethnicity = not available
57	RPT_RaceA	Num	8	Total number of RPT donations with race/ethnicity = Asian
58	RPT_RaceB	Num	8	Total number of RPT donations with race/ethnicity = Black
59	RPT_RaceH	Num	8	Total number of RPT donations with race/ethnicity = Hispanic
60	RPT_RaceI	Num	8	Total number of RPT donations with race/ethnicity = Native American
61	RPT_RaceM	Num	8	Total number of RPT donations with race/ethnicity = More than one race
62	RPT_RaceO	Num	8	Total number of RPT donations with race/ethnicity = Other
63	RPT_RaceW	Num	8	Total number of RPT donations with race/ethnicity = White