

Data Set Name: rise_baseline.sas7bdat

Num	Variable	Type	Len	Format	Label
1	RandID	Char	10		Randomized Subject ID
2	VisitDate	Num	8	8.	Date of Visit to Blood Center: Converted to days since reference date
3	VisitNum	Num	8		Sequential Visit Number
4	VisitType	Char	1		Visit Type - Baseline, Interim or Final Study Visit
5	DER_VisitResult	Num	8		Result of Visit (e.g. donation, deferral, sample only)
6	DER_Analysis_DonorStatus	Char	1		Cohort designation (FT/RA vs. RPT)
7	DER_NewDR_status	Char	3		Detailed cohort designation (FT vs. RA vs. RPT)
8	DER_MatchStatus	Char	9		Data source(s) for visit: REDS only, RISE SMS only, RISE SMS-REDS match
9	DER_RBC_Last12months	Num	8		Number of REDS-II RBC units in 12 months prior to this visit
10	DER_RBC_Last24months	Num	8		Number of REDS-II RBC units in 24 months prior to this visit
11	DER_RBCLoss_Units	Num	8		Units of RBC lost at that visit (0,1,2)
12	DER_RBCLoss_mL	Num	8		mLs of RBC lost at that visit
13	DER_DaysRBCLoss	Num	8		Days since last RBC loss (single or double)
14	DER_DaysDRLoss	Num	8		Days since last Double Red Cell Donation
15	DER_DaysLastVisit	Num	8		Days since the donor's last visit (of any type) to the blood center
16	DER_Fingerstick_HGB	Num	8		Fingerstick Hemoglobin from RISE study data or REDS-II donation data
17	DER_Fingerstick_HCT	Num	8		Fingerstick Hematocrit from RISE study data or REDS-II donation data
18	STS_VEN_HemocueHgb	Num	8		Venous Hemocue Hemoglobin
19	DER_AdjVenousHgb	Num	8		Adjusted Venous Hemocue Hemoglobin (post values adjusted to pre)
20	DER_Age	Num	8		Age at Time of Visit
21	DD_Country	Num	4		Country of birth from REDS Donor Database
22	DD_Gender	Char	1		Gender from REDS Donor Database
23	DD_Raceth	Char	1		Race/Ethnicity from REDS Donor Database
24	DD_ABO_RH	Char	3		BLOOD TYPE
25	DER_Weight	Num	8		Weight of subject (in pounds) based on the most frequent weight given
26	DER_Height	Num	8		Height of subject (in inches) based on the most frequent height given
27	DER_EBV	Num	8		Estimated Blood volume in Liters using Nadler equations
28	DER_RedCellVolume	Num	8		Calculated Total Body Red Cell Volume in mL
29	DER_PercentRBCLoss	Num	8	6.2	Percent of a person's total RBC volume lost at that visit
30	DER_DonationIntensity	Num	8	6.2	Donation Intensity as defined by the RISE protocol
31	DV_Donproc	Char	2		Donation Procedure
32	DV_Dontype	Char	1		Donation Type at that Donation Visit (Homologous, etc.)

Num	Variable	Type	Len	Format	Label
33	DV_Education	Char	1		What is the highest level of education you have completed?
34	DV_Outcome	Char	1		Donation Outcome - Successful, QNS, Other
35	DV_Deferral_Cat1	Char	45		REDS Deferral Category I (Based on center specific code)
36	DV_Deferral_Cat2	Char	45		REDS Deferral Category II (Based on center specific code)
37	SMS_QuexCompleted	Num	8		Was a questionnaire completed at this visit (only baseline or final visits)?
38	DER_FinalQx_Later	Num	8		Was the final qx administered on a different date and then linked to this visit?
39	SMS_SamplesCollected	Num	8		Number of study sample tubes collected
40	SMS_SamplesCollectedDate	Num	8	8.	Date study sample tubes were collected: Converted to days since reference date
41	SMS_SamplesCollectedTime	Num	8	TIME5.	Time study sample tubes were collected
42	SMS_SampleType	Char	4		Study Samples collected pre or post donation
43	SMS_Consent	Char	4		Study consent(s) obtained: Study Only(SO) or Study & Repository(SAR)
44	RQ1_Ever_Donated	Num	8		BQ - First time EVER donated blood?
45	RQ2_Total_Lifetime_Donations	Num	8		BQ - Including your most recent donation, how many times in your life have you donated blood?
46	RQ3PreviousDonationYR	Num	8		BQ - Other than today, when was the last time you donated blood?
47	RQ3PreviousDonationMO	Num	8		BQ - Other than today, when was the last time you donated blood?
48	RQ4_DonationsPast2Years	Num	8		BQ - Number of blood donations you have made in the last 2 years
49	RQ5_Different_Blood_Centers	Num	8		BQ - Any Donations made through DIFFERENT blood centers?
50	RQ6_Apheresis_DonationsYN	Num	8		BQ - Any donations apheresis donations?
51	RQ6_ApheresisDonations_CNT	Num	8		BQ - If yes, how many donations were apheresis donations?
52	RQ7_Ever_Smoked	Num	8		BQ - Have you smoked at least 100 cigarettes in your entire life?
53	RQ8_Smoked_Past_90Days	Num	8		BQ - Did you smoke ANY cigarettes during the last 90 Days (3 months)?
54	RQ9_DaysSmokedLast30	Num	8		BQ - Last 30 days on how many of these days did you smoke?
55	RQ10_CigarettesPerDay	Num	8		BQ - Last 30 days, how many cigarettes did you usually smoke per day?
56	RQ11_Liver	Num	8		BQ - Last 12 months, how many times per week did you eat liver?
57	RQ11_Beef	Num	8		BQ - Last 12 months, how many times per week did you eat beef?
58	RQ11_LPCT	Num	8		BQ - Last 12 months, how many times per week did you eat lamb/pork/chicken/turkey?
59	RQ11_Clams	Num	8		BQ - Last 12 months, how many times per week did you eat clams?
60	RQ11_OMSS	Num	8		BQ - Last 12 months, how many times per week did you eat oysters, mussels, shrimp, sardines?
61	RQ11_OtrFish	Num	8		BQ - Last 12 months, how many times per week did you eat fish?
62	RQ11_Eggs	Num	8		BQ - Last 12 months, how many times per week did you eat eggs?
63	RQ11_Dairy	Num	8		BQ - Last 12 months, how many times per week did you eat dairy?
64	RQ12A_MultiVitamins_YN	Num	8		BQ - Last 12 months, did you take any multivitamins on a regular basis?

Num	Variable	Type	Len	Format	Label
65	RQ12B_MultiVitamins_How_Often	Num	8		BQ - How often did you take multivitamins?
66	RQ12C_MV_WithIron_YN	Num	8		BQ - Does your multivitamin contain iron?
67	RQ13A_Iron_Supplements_YN	Num	8		BQ - Last 12 months, did you take any iron supplements other than your multivitamins on a regular basis?
68	RQ13B_Iron_Supplements_HowOften	Num	8		BQ - How often did you take iron supplements?
69	RQ14A_AspirinQ	Num	8		BQ - Currently take Aspirin or Aspirin containing pain relievers daily or nearly everyday?
70	RQ14B_Why_Aspirin	Num	8		BQ - Why do you take Aspirin?
71	RQ15_Menstrual_Status	Num	8		BQ - Current menstrual status?
72	RQ16_PeriodNow	Num	8		BQ - Are you having your period now (at this visit)?
73	RQ17_NumberOfPeriods	Num	8		BQ - How many periods in the last year?
74	RQ18_Menstrual_Flow	Num	8		BQ - Describe your menstrual flow or bleeding
75	RQ19_Ever_Pregnant	Num	8		BQ - Have you ever been pregnant?
76	RQ20_NumberOfPregnancies	Num	8		BQ - How many times have you been pregnant?
77	RQ21_NumberOfLiveBirths	Num	8		BQ - How many pregnancies resulted in a live birth?
78	C282Y_Genotype	Num	8		C282Y (HFE) genotype
79	G277S_Genotype	Num	8		G277S (TRF) genotype
80	H63D_Genotype	Num	8		H63D (HFE) genotype
81	DER_HFE_hap_pr	Char	4		HFE genotype pairs - C282Y & H63D combined
82	DER_Baseline_Ferr_12	Char	5		Baseline Determination of Absent Iron Stores (Ferritin <12)
83	DER_Baseline_log_sTfR_Ferr_cat	Char	7		Baseline determination of IDE (sTfR/log Ferritin >2.07)
84	DER_ARUPResult	Num	8		Are there ARUP (Ferr & sTfR) values for this visit?
85	ARUP_Ferritin	Num	8		ARUP Ferritin value for that visit
86	ARUP_STR	Num	8		ARUP Soluble Transferrin Receptor (sTfR) value for that visit
87	DER_ARUP_Ferr_12	Char	5		Determination of Absent Iron Stores (Ferritin <12) at this visit
88	DER_ARUP_log_Ferr	Num	8		Log of ARUP Ferritin at this visit
89	DER_ARUP_log_STfR_Ferr	Num	8		ARUP sTfR/log Ferritin at this visit
90	DER_ARUP_log_sTfR_Ferr_cat	Char	7		Determination of IDE (sTfR/log Ferritin >2.07) at this visit
91	DER_BodyIron	Num	8		Calculated Body Iron in mg/kg for visits where sTfr is measured
92	DER_AdviaResult	Num	8		Are there ADVIA values for this visit?
93	Advia_H_mean_pg_	Num	8		CH / Cellular Hemoglobin (pg) for all Red Cells
94	Advia_retic_H_mean_pg_	Num	8		CHr / Cellular Hemoglobin (pg) for Retics
95	Advia_mature_CH_pg_	Num	8		CHm / Cellular hemoglobin (pg) for Mature Red Cells
96	Advia_lowCH_r_Pct	Num	8		Percent low CHr
97	Advia_lowCH_m_Pct	Num	8		Percent low CHm
98	Advia_CHCM_g_dL_	Num	8		CHCM (g/dL) - mean of the RBC Hgb concentration
99	Advia_mature_CHCM_g_dL_	Num	8		CHCM (g/dL) - CHCM of mature cells
100	Advia_reticCHCM_g_dL_	Num	8		CHCHr (g/dL) - CHCM of retics
101	Advia_hypo_pcnt__No_Units__	Num	8		HYPO% - Percent Hypochromic RBC

Num	Variable	Type	Len	Format	Label
102	Advia_hypo_m_Pct	Num	8		HYPOM% - Percent of mature RBC w/Hgb less than 280 g/L
103	Advia_hypo_r_Pct	Num	8		HYPOR% - Percent of retic RBC w/Hgb less than 280 g/L
104	Advia_NumRetic	Num	8		Retic count
105	Advia_Retic_Pct	Num	8		Retic percent
106	Advia_MCV_fL_	Num	8		MCV - Mean Corpuscular Volume in fL
107	Advia_retic_MCV_fL_	Num	8		MCV (fL) of retics
108	Advia_micro_pcmt__No_Units__	Num	8		Percent Microcytic RBC
109	Advia_PLT	Num	8		Platlet count
110	Advia_RBC	Num	8		Red Blood Cells
111	Advia_HCT_Pct	Num	8		ADVIA Venous Hematocrit
112	Advia_HGB_g_dL	Num	8		ADVIA Venous Hemoglobin
113	DER_HepcidinResult	Num	8		Are there Hepcidin values for this visit?
114	Hepcidin_Value	Num	8		Hepcidin value
115	BMI	Num	8		Body Mass Index
116	Approx_mth_RQ16_LastPeriod	Num	8		When was your last period? (Approximate number of months since the reference date)
117	Approx_mth_RQ22_LastBabyBorn	Num	8		When was your last baby born? (Approximate number of months since the reference date)

Data Set Name: rise_followup.sas7bdat

Num	Variable	Type	Len	Format	Label
1	RFQ10_Sensation_How_Often	Num	8		FQ - How often do you experience an urge to move your legs?
2	RFQ11_MovementRelief	Num	8		FQ - Is the restless feeling relieved by movement?
3	RFQ12_SensationsWorseInactive	Num	8		FQ - Is the urge worse during periods of inactivity?
4	RFQ13_TimeMostBothersome	Num	8		FQ - When do you feel these urges?
5	RFQ14_CraveNonFood	Num	8		FQ - Do you crave non-nutritional substances?
6	RFQ15_ConsumeChalk_YN	Num	8		FQ - Do you crave chalk?
7	RFQ15_ConsumeClay_YN	Num	8		FQ - Do you crave clay?
8	RFQ15_ConsumeCoal_YN	Num	8		FQ - Do you crave coal (charcoal)?
9	RFQ15_ConsumeIce_YN	Num	8		FQ - Do you crave ice?
10	RFQ15_ConsumeRawPasta_YN	Num	8		FQ - Do you crave raw pasta?
11	RFQ15_ConsumeStarch_YN	Num	8		FQ - Do you crave starch?
12	RFQ16_ConsumeNonFood_HowOften	Num	8		FQ - How often do you consume non-nutritional substances?
13	RFQ17_BloodDonationImpact	Num	8		FQ - How does blood donation impact these cravings?
14	RFQ18_Craving_Length	Num	8		FQ - How long do your cravings last?
15	RFQ19_Currently_Craving	Num	8		FQ - Are you currently experiencing this type of craving?
16	RFQ1_NumberOfCigarettes	Num	8		FQ - Last 30 days, how many cigarettes did you usually smoke per day?
17	RFQ1_NumberOfDays	Num	8		FQ - Last 30 days, on how many of these days did you smoke?
18	RFQ1_Smoking_Status	Num	8		FQ - Has your smoking status changed since enrollment?
19	RFQ2_MV_WithIron_YN	Num	8		FQ - Does your multivitamin contain iron?
20	RFQ2_MultiVitamins_How_Often	Num	8		FQ - How often do you take multivitamins?
21	RFQ2_MultiVitamins_YN	Num	8		FQ - Are you currently taking a multivitamin?
22	RFQ3_IronSupplements	Num	8		FQ - Are currently taking any iron supplements?
23	RFQ3_IronSupplements_How_Often	Num	8		FQ - How often do you take iron supplements?
24	RFQ4_Aspirin_YN	Num	8		FQ - Are you currently taking aspirin?
25	RFQ4_WhyAspirin	Num	8		FQ - Why are you currently taking aspirin?
26	RFQ5_Menstrual_Status	Num	8		FQ - Current menstrual status
27	RFQ6_PeriodNow	Num	8		FQ - Are you having your period now?
28	RFQ7_Menstrual_Flow	Num	8		FQ - Describe your menstrual flow or bleeding
29	RFQ8_Given_Birth	Num	8		FQ - Since you enrolled in this study, have you given birth?
30	RFQ9_RestlessRelief_HowOften	Num	8		FQ - How often do you have restless feelings (in your legs)?
31	approx_mth_RFQ2_MultiVitamins	Num	8		When did you start taking a multivitamin? (Approximate number of months since the reference date)
32	approx_mth_RFQ3_IronSupplements	Num	8		When did you start taking iron supplements? (Approximate number of months since the reference date)
33	approx_mth_RFQ5_PeriodStopped	Num	8		When did you stop having your period? (Approximate number of months since the reference date)

Num	Variable	Type	Len	Format	Label
34	approx_mth_RFQ6_LastPeriod	Num	8		When did your last period start? (Approximate number of months since the reference date)
35	approx_mth_RFQ8_LastBabyBorn	Num	8		When was your baby born? (Approximate number of months since the reference date)
36	RandID	Char	10		Randomized Subject ID
37	VisitDate	Num	8	8.	Date of Visit to Blood Center: Converted to days since reference date
38	VisitNum	Num	8		Sequential Visit Number
39	VisitType	Char	1		Visit Type - Baseline, Interim or Final Study Visit
40	DER_VisitResult	Num	8		Result of Visit (e.g. donation, deferral, sample only)
41	DER_Analysis_DonorStatus	Char	1		Cohort designation (FT/RA vs. RPT)
42	DER_NewDR_status	Char	3		Detailed cohort designation (FT vs. RA vs. RPT)
43	DER_MatchStatus	Char	9		Data source(s) for visit: REDS only, RISE SMS only, RISE SMS-REDS match
44	DER_RBC_Last12months	Num	8		Number of REDS-II RBC units in 12 months prior to this visit
45	DER_RBC_Last24months	Num	8		Number of REDS-II RBC units in 24 months prior to this visit
46	DER_RBCLoss_Units	Num	8		Units of RBC lost at that visit (0,1,2)
47	DER_RBCLoss_mL	Num	8		mLs of RBC lost at that visit
48	DER_DaysRBCLoss	Num	8		Days since last RBC loss (single or double)
49	DER_DaysDRLoss	Num	8		Days since last Double Red Cell Donation
50	DER_DaysLastVisit	Num	8		Days since the donor's last visit (of any type) to the blood center
51	DER_Fingerstick_HGB	Num	8		Fingerstick Hemoglobin from RISE study data or REDS-II donation data
52	DER_Fingerstick_HCT	Num	8		Fingerstick Hematocrit from RISE study data or REDS-II donation data
53	STS_VEN_HemocueHgb	Num	8		Venous Hemocue Hemoglobin
54	DER_AdjVenousHgb	Num	8		Adjusted Venous Hemocue Hemoglobin (post values adjusted to pre)
55	DER_Age	Num	8		Age at Time of Visit
56	DD_Country	Num	4		Country of birth from REDS Donor Database
57	DD_Gender	Char	1		Gender from REDS Donor Database
58	DD_Raceth	Char	1		Race/Ethnicity from REDS Donor Database
59	DD_ABO_RH	Char	3		BLOOD TYPE
60	DER_Weight	Num	8		Weight of subject (in pounds) based on the most frequent weight given
61	DER_Height	Num	8		Height of subject (in inches) based on the most frequent height given
62	DER_EBV	Num	8		Estimated Blood volume in Liters using Nadler equations
63	DER_RedCellVolume	Num	8		Calculated Total Body Red Cell Volume in mL
64	DER_PercentRBCLoss	Num	8	6.2	Percent of a person's total RBC volume lost at that visit
65	DER_DonationIntensity	Num	8	6.2	Donation Intensity as defined by the RISE protocol
66	DV_Donproc	Char	2		Donation Procedure

Num	Variable	Type	Len	Format	Label
67	DV_Dontype	Char	1		Donation Type at that Donation Visit (Homologous, etc.)
68	DV_Education	Char	1		What is the highest level of education you have completed?
69	DV_Outcome	Char	1		Donation Outcome - Successful, QNS, Other
70	DV_Deferral_Cat1	Char	45		REDS Deferral Category I (Based on center specific code)
71	DV_Deferral_Cat2	Char	45		REDS Deferral Category II (Based on center specific code)
72	SMS_QuexCompleted	Num	8		Was a questionnaire completed at this visit (only baseline or final visits)?
73	DER_FinalQx_Later	Num	8		Was the final qx administered on a different date and then linked to this visit?
74	SMS_SamplesCollected	Num	8		Number of study sample tubes collected
75	SMS_SamplesCollectedDate	Num	8	8.	Date study sample tubes were collected: Converted to days since reference date
76	SMS_SamplesCollectedTime	Num	8	TIME5.	Time study sample tubes were collected
77	SMS_SampleType	Char	4		Study Samples collected pre or post donation
78	SMS_Consent	Char	4		Study consent(s) obtained: Study Only(SO) or Study & Repository(SAR)
79	C282Y_Genotype	Num	8		C282Y (HFE) genotype
80	G277S_Genotype	Num	8		G277S (TRF) genotype
81	H63D_Genotype	Num	8		H63D (HFE) genotype
82	DER_HFE_hap_pr	Char	4		HFE genotype pairs - C282Y & H63D combined
83	DER_ARUPResult	Num	8		Are there ARUP (Ferr & sTfR) values for this visit?
84	ARUP_Ferritin	Num	8		ARUP Ferritin value for that visit
85	ARUP_STR	Num	8		ARUP Soluble Transferrin Receptor (sTfR) value for that visit
86	DER_ARUP_Ferr_12	Char	5		Determination of Absent Iron Stores (Ferritin <12) at this visit
87	DER_ARUP_log_Ferr	Num	8		Log of ARUP Ferritin at this visit
88	DER_ARUP_log_sTfR_Ferr	Num	8		ARUP sTfR/log Ferritin at this visit
89	DER_ARUP_log_sTfR_Ferr_cat	Char	7		Determination of IDE (sTfR/log Ferritin >2.07) at this visit
90	DER_BodyIron	Num	8		Calculated Body Iron in mg/kg for visits where sTfR is measured
91	DER_AdviaResult	Num	8		Are there ADVIA values for this visit?
92	Advia_H_mean_pg_	Num	8		CH / Cellular Hemoglobin (pg) for all Red Cells
93	Advia_retic_H_mean_pg_	Num	8		CHr / Cellular Hemoglobin (pg) for Retics
94	Advia_mature_CH_pg_	Num	8		CHm / Cellular hemoglobin (pg) for Mature Red Cells
95	Advia_lowCH_r_Pct	Num	8		Percent low CHr
96	Advia_lowCH_m_Pct	Num	8		Percent low CHm
97	Advia_CHCM_g_dL_	Num	8		CHCM (g/dL) - mean of the RBC Hgb concentration
98	Advia_mature_CHCM_g_dL_	Num	8		CHCM (g/dL) - CHCM of mature cells
99	Advia_reticCHCM_g_dL_	Num	8		CHCHr (g/dL) - CHCM of retics
100	Advia_hypo_pcnt__No_Units__	Num	8		HYPO% - Percent Hypochromic RBC
101	Advia_hypo_m_Pct	Num	8		HYPOm% - Percent of mature RBC w/Hgb less than 280 g/L
102	Advia_hypo_r_Pct	Num	8		HYPOr% - Percent of retic RBC w/Hgb less than 280 g/L

Num	Variable	Type	Len	Format	Label
103	Advia_NumRetic	Num	8		Retic count
104	Advia_Retic_Pct	Num	8		Retic percent
105	Advia_MCV_fL_	Num	8		MCV - Mean Corpuscular Volume in fL
106	Advia_retic_MCV_fL_	Num	8		MCV (fL) of retics
107	Advia_micro_pcnt__No_Units__	Num	8		Percent Microcytic RBC
108	Advia_PLT	Num	8		Platlet count
109	Advia_RBC	Num	8		Red Blood Cells
110	Advia_HCT_Pct	Num	8		ADVIA Venous Hematocrit
111	Advia_HGB_g_dL	Num	8		ADVIA Venous Hemoglobin
112	DER_HepcidinResult	Num	8		Are there Hepcidin values for this visit?
113	Hepcidin_Value	Num	8		Hepcidin value
114	RFQ15_ConsumeOther	Char	25		FQ - What else (non-nutritional substances) do you crave?
115	BMI	Num	8		Body Mass Index