VIOSCREEN™
analyzing dietary behaviors

Data Export Definitions

(v2.10)

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1 WELCOME

This document defines each of the fields contained in the two export options available in VioScreen.

2 EXPORT REQUIREMENTS

Exports only contain data for sessions with a *Finished* status (refer to the *VioScreen Users' Guide* for more details).

3 EXPORT TYPES

There are two exports:

- Nutrient Vector (NV) Export - lists one session per row and includes user data and nutritional data for all of the foods consumed as reported.

- Food Consumption (FC) Export - includes user data and a list of each food consumed with their consumption frequency and portion size as reported and the daily nutritional contribution of that food for all available nutrients.

4 EXPORT FORMAT

Exports are *comma-separated values* (.csv) files of nutritional and other data that can be imported into SAS, SPSS, etc saved as you define in the *File Download* and *Save As* dialogs.

5 EXPORT FIELD DEFINITIONS

The following table defines all of the fields that can be found in either the NV or FC export.

Table 1. Export Field Definitions

Info Type	Column Header	Description of Column	Unit of Measure	Data Type
Identification	BCODEID	User Name, Subject ID (default), Session ID, User ID, or Email based on selected key field on export page.	-	char
Identification	Email	Email address	-	char
Identification	RECNO	Patient/Subject's Record Number	-	integer
Identification	SRVID	Same as UserId	-	integer
Identification	SubjectId	Patient/Subject's Unique Identifier (if entered)	-	char
Identification	UserId	System generated unique identify assigned to each patient.	-	integer
Identification	Username	Patient/Subject's Username	-	char
Descriptive	PROCDATE	Date record was exported from the system.	-	mm/dd/yyyy
Descriptive	STARTED	Date the questionnaire was started	-	mm/dd/yyyy
Descriptive	FINISHED	Date the questionnaire was completed	-	mm/dd/yyyy
Descriptive	TIME	Elapsed amount of time in minutes from the start date and end date.	-	integer
Demographic	Gender	Gender and pregnant / lactating status of M, F, P, P1,P2, P3, L, L1, L2, or L3 which corresponds to male, female, pregnant (trimester unknown), pregnant 1st trimester, pregnant 2nd trimester, pregnant 3rd trimester, lactating stage unknown, lactating 0-6 months, lactating 7-12 months, lactating more than 12 months	-	char
Demographic	Age	Age of the patient/subject. At the time they took the FFQ. If this age is not available then the system default is to the age in the account.	-	integer

Info Type	Column Header	Description of Column	Unit of Measure	Data Type
Demographic	Height	Patient/Subject's current height in meters	-	double
Demographic	Weight	Patient/Subject's current weight in kilograms	-	double
Demographic	BMI	Patient/Subject's Body Mass Index	-	double
Demographic	EER	Patient/Subject's Estimated Energy Requirement	-	int
Demographic	ActivityLevel	Activity level as indicated by the Patient/Subject	-	char
Demographic	DOB	Date of birth if listed in the account	-	dd/mm/yyyy
ProtocolInfo	Visit	Individual numbers assigned to each session (default value is 1)	-	integer
ProtocolInfo	Protocol	Name of Protocol for this analysis		char
ProtocolInfo	NutrientRecommendation	Nutrient Recommendation Applied for analysis (eg. Standard, ATP-III)		char
ProtocolInfo	Database	Database Version used for analysis		char
ProtocolInfo	Questionnaire	Questionnaire Version taken		char
Stages of Change	scf	Patient/Subject's stage of change for Fat.	-	char
Stages of Change	scfv	Patient/Subject's stage of change for Fruits and Vegetables.	-	char
Supplement Info	Multivitamin	Patient/Subject's response to the question " In the past three months, did you take a multiple vitamin/mineral supplement?" Yes/No		Yes/No
Supplement Info	MultivitaminFreq	Frequency per week of multivitamin/ mineral supplement intake if Multivitamin = yes	-	Int
Supplement Info	MultiCalciumDose	Assumed default amount of 200mg of Calcium from a multivitamin intake if Multivitamin = yes	-	int
Supplement Info	MultiCalciumAvg	Calculated daily calcium from mulitviatmins/minerals based on MultivitaminFreq and MultiCalciumDose if Multivitamin = yes	-	int
Supplement Info	Calcium	Patient/Subject's response to the question " In the past three months, did you take a calcium supplement?" Yes/No	-	Yes/No
Supplement Info	CalciumFreq	Frequency per week of calcium supplement intake if Calcium = yes. Value of 1-7 , "less than once"	-	Text
Supplement Info	CalciumDose	What amount of calcium did you usually take (do not include multivitamins)? if Calcium = yes	mg	Int
Supplement Info	CalciumAvg	Patient/Subject's average daily intake of calcium from supplements based on CalciumFreq and CalciumDose.	mg	Int
Summary Variables	FRT5DAY	Daily Fruit Consumption (5-A-Day Method)	-	Double
Summary Variables	FRTSUMM	Daily Fruit Consumption (Summation Method)	-	Double
Summary Variables	VEG5DAY	Daily Vegetable Consumption (5-A-Day Method)	-	Double
Summary Variables	VEGSUMM	Daily Vegetable Consumption (Summation Method)	-	Double
Servings	AlcoholServings	Patient/Subject's estimated daily intake of Alcohol based on FFQ responses	-	Double
Servings	CalciumfromDairyServings	Patient/Subject's estimated daily intake of Calcium From Dairy based on FFQ responses	-	Double
Servings	CalciumServings	Patient/Subject's estimated daily intake of Calcium based on FFQ responses	-	Double
Servings	LowFatDairyServing	Patient/Subject's estimated daily intake of Low Fat Dairy Products based on FFQ responses	-	Double
Servings	FriedFishServings	Patient/Subject's estimated weekly intake of Fried Fish based on FFQ responses	-	Double
Servings	NonFriedFishServings	Patient/Subject's estimated weekly intake of Non Fried Fish based on FFQ responses	-	Double
Servings	FishServings	Patient/Subject's estimated weekly intake of Fish based on FFQ responses	-	Double

Info Type	Column Header	Description of Column	Unit of Measure	Data Type
Servings	FriedFoodServings	Patient/Subject's estimated daily intake of Fried Foods based on FFQ responses	-	Double
Servings	FruitServings	Patient/Subject's estimated daily intake of Fruit based on FFQ responses	-	Double
Servings	JuiceServings	Patient/Subject's estimated daily intake of Juice based on FFQ responses	-	Double
Servings	SaladVegetableServings	Patient/Subject's estimated daily intake of Salad and Salad Vegetables based on FFQ responses	-	Double
Servings	SweetServings	Patient/Subject's estimated daily intake of Sweet Foods based on FFQ responses	-	Double
Servings	VegetableServings	Patient/Subject's estimated daily intake of Vegetables based on FFQ responses	-	Double
Servings	WholeGrainServings	Patient/Subject's estimated daily intake of Whole Grains based on FFQ responses	-	Double
Healthy Eating Index Score	HEIScore	Healthy Eating Index (HEI) Score	-	Integer
Healthy Eating Index Score	HEI_Fruit	HEI score for Total Fruit	-	Double
Healthy Eating Index Score	HEI_NonJuiceFrt	HEI score for Whole Fruit (Not Juice)	-	Double
Healthy Eating Index Score	HEI_Veg	HEI score for Total Vegetables	-	Double
Healthy Eating Index Score	HEI_DrkG_OrgVeg_Leg	HEI score for Dark Green and Orange Vegetables and Legumes (Legumes counted as vegetables only after Meat and Beans standard is met.)	-	Double
Healthy Eating Index Score	HEI_Grains	HEI score for Total Grains	-	Double
Healthy Eating Index Score	HEI_Whl_Grains	HEI score for Whole Grains	-	Double
Healthy Eating Index Score	HEI_Milk	HEI score for Milk (Includes all milk products, such as fluid milk, yogurt, and cheese, and soy beverages.	-	Double
Healthy Eating Index Score	HEI_Meat_Beans	HEI score for Meat and Beans	-	Double
Healthy Eating Index Score	HEI_Oils	HEI score for Oils	-	Double
Healthy Eating Index Score	HEI_SatFat	HEI score for Saturated Fat	-	Double
Healthy Eating Index Score	HEI_Sodium	HEI score for Sodium	-	Double
Healthy Eating Index Score	HEI_SolFat_Alc_AddSug	HEI score for Calories from Solid Fat, Alcohol, and Added Sugar	-	Double

Info Type	Column Header	Description of Column	Unit of Measure	Data Type
Summary Variables	FoodDescription	How the food appears on the questionnaire. Description Pulled from FFQ	-	Char
Summary Variables	Frequency	Frequency selected by user. Number of servings per day, week, or month as answered on FFQ (e.g. 5-6 per week)	-	Char
Summary Variables	PortionSize	Portion size selected by user represented in household Measurements (e.g., 1/2cup), or Food Portion (e.g., 1 egg)	-	Char
Summary Variables	YearlyFrequency	Frequency selected multiplied to represent yearly frequency	-	Integer
Summary Variables	FrequencyAdjustment	Frequency selected adjusted based on tier 2 questions	-	Double
Summary Variables	EatingPattern	Which eating pattern group(s) the selected food belongs to based on FFQ.	-	Integer
Summary Variables	EatingPatternDescription	The description of the eating pattern group(s) the selected food belongs to based on FFQ	-	char
Summary Variables	FoodGroup	Which food group the selected food belongs to based on FFQ.	-	Integer
Summary Variables	FoodGroupDescription	Description of the food group the selected food belongs to based on FFQ.	-	Char
Primary Energy Sources	A_BEV	MPED: Total drinks of alcohol	# of drinks	Double
Primary Energy Sources	A_CAL	MPED: Calories from alcoholic beverages	kcal	Double
Other	acesupot	Acesulfame Potassium	mg	Double
Carbohydrates	ADD_SUG	MPED: Teaspoon equivalents of added sugars	teaspoons	Double
Carbohydrates	addsugar	Added Sugars (by Available Carbohydrate)	g	Double
Carbohydrates	adsugtot	Added Sugars (by Total Sugars)	g	Double
Amino Acids	alanine	Alanine	g	Double
Primary Energy Sources	alcohol	Alcohol	g	Double
Carotenoids	alphacar	Alpha-Carotene (provitamin A carotenoid)	mcg	Double
Vitamins	alphtoce	Total Vitamin E Activity (total alpha-tocopherol equivalents)	mg	Double
Vitamins	alphtoco	Alpha-Tocopherol	mg	Double
Amino Acids	arginine	Arginine	g	Double
Other	ash	Ash	g	Double
Other	aspartam	Aspartame	mg	Double
Amino Acids	aspartic	Aspartic Acid	g	Double
Primary Energy Sources	avcarb	Available Carbohydrate	g	Double
Carotenoids	betacar	Beta-Carotene Equivalents (derived from provitamin A carotenoids)	mcg	Double
Carotenoids	betacaro	Beta-Carotene Equivalents (derived from provitamin A carotenoids)	mcg	Double
Carotenoids	betacryp	Beta-Cryptoxanthin (provitamin A carotenoid)	mcg	Double
Other	betaine	Betaine	mg	Double
Vitamins	betatoco	Beta-Tocopherol	mg	Double
Isoflavones and Similar	biochana	Biochanin A	mg	Double
Other	caffeine	Caffeine	mg	Double
Minerals	calcium	Calcium	mg	Double
Primary Energy Sources	calories	Energy	kcal	Double

Info Type	Column Header	Description of Column	Unit of Measure	Data Type
Primary Energy Sources	carbo	Total Carbohydrate	g	Double
Fat and Cholesterol	cholest	Cholesterol	mg	Double
Other	choline	Choline	mg	Double
Fatty Acids	clac9t11	CLA cis-9, trans-11	g	Double
Fatty Acids	clat10c12	CLA trans-10, cis-12	g	Double
Minerals	copper	Copper	mg	Double
Isoflavones and Similar	coumest	Coumestrol	mg	Double
Amino Acids	cystine	Cystine	g	Double
Dairy	D_CHEESE	MPED: Number of cheese cup equivalents	cups	Double
Dairy	D_MILK	MPED: Number of milk cup equivalents	cups	Double
Dairy	D_TOT_SOYM	MPED: Total number of milk group (milk, yogurt & cheese) cup equivalents PLUS soy milk	cups	Double
Dairy	D_TOTAL	MPED: Total number of milk group (milk, yogurt & cheese) cup equivalents	cups	Double
Dairy	D_YOGURT	MPED: Number of yogurt cup equivalents	cups	Double
Isoflavones and Similar	daidzein	Daidzein	mg	Double
Vitamins	delttoco	Delta-Tocopherol	mg	Double
Primary Energy Sources	DISCFAT_OIL	MPED: Grams of discretionary Oil	g	Double
Primary Energy Sources	DISCFAT_SOL	MPED: Grams of discretionary Solid fat	g	Double
Sugar Alcohols (polyvols)	erythr	Erythritol	g	Double
Fruit	F_CITMLB	MPED: Number of citrus, melon, berry cup equivalents	cups	Double
Fruit	F_NJ_CITMLB	MPED: Number of non-juice citrus, melon, berry cup equivalents	cups	Double
Fruit	F_NJ_OTHER	MPED: Number of non-juice other fruit cup equivalents	cups	Double
Fruit	F_NJ_TOTAL	MPED: Total number of non-juice fruit cup equivalents	cups	Double
Fruit	F_OTHER	MPED: Number of other fruit cup equivalents	cups	Double
Fruit	F_TOTAL	MPED: Total number of fruit cup equivalents	cups	Double
Primary Energy Sources	fat	Total Fat	g	Double
Fiber	fiber	Total Dietary Fiber	g	Double
Fiber	fibh2o	Soluble Dietary Fiber	g	Double
Fiber	fibinso	Insoluble Dietary Fiber	g	Double
Vitamins	fol_deqv	Folate Dietary Equivalents	mcg	Double
Vitamins	fol_nat	Folate Natural (food folate)	mcg	Double
Vitamins	fol_syn	Folate Synthetic (folic acid)	mcg	Double
Isoflavones and Similar	formontn	Formononetin	mg	Double
Carbohydrates	fructose	Fructose	g	Double
Whole grains	G_NWHL	MPED: Number of non-whole grain ounce equivalents	oz equivalent	Double
Whole grains	G_TOTAL	MPED: Total number of grain ounce equivalents	oz equivalent	Double
Whole grains	G_WHL	MPED: Number of whole grain ounce equivalents	oz equivalent	Double
Carbohydrates	galactos	Galactose	g	Double
Vitamins	gammtoco	Gamma-Tocopherol	mg	Double

Info Type	Column Header	Description of Column	Unit of Measure	Data Type
Isoflavones and Similar	genistn	Genistein	mg	Double
Glycemic Load	GLAC	Glycemic Load Based on Available Carbohydrate	-	Double
Glycemic Load	GLTC	Glycemic Load Based on Total Carbohydrate	-	Double
Carbohydrates	glucose	Glucose	g	Double
Amino Acids	glutamic	Glutamic Acid	g	Double
Amino Acids	glycine	Glycine	g	Double
Isoflavones and Similar	glycitn	Glycitein	mg	Double
Other	grams	Gram Amount (weight)	g	Double
Amino Acids	histidin	Histidine	g	Double
Sugar Alcohols (polyvols)	inositol	Inositol	g	Double
Minerals	iron	Iron	mg	Double
Amino Acids	isoleuc	Isoleucine	g	Double
Sugar Alcohols (polyvols)	isomalt	Isomalt	g	Double
Primary Energy Sources	joules	Energy	kj	Double
Sugar Alcohols (polyvols)	lactitol	Lactitol	g	Double
Carbohydrates	lactose	Lactose	g	Double
Legumes	LEGUMES	MPED: Number of cooked dry beans and peas cup equivalents	cups	Double
Amino Acids	leucine	Leucine	g	Double
Glycemic Load	LineGi	Glycemic Index	-	Double
Carotenoids	lutzeax	Lutein + Zeaxanthin	mcg	Double
Carotenoids	lycopene	Lycopene	mcg	Double
Amino Acids	lysine	Lysine	g	Double
Protein	M_EGG	MPED: Oz equivalents of lean meat from eggs	ounces	Double
Protein	M_FISH_HI	MPED: Oz cooked lean meat from fish, other seafood high in Omega-3	ounces	Double
Protein	M_FISH_LO	MPED: Oz cooked lean meat from fish, other seafood low in Omega-3	ounces	Double
Protein	M_FRANK	MPED: Oz cooked lean meat from franks, sausages, luncheon meats	ounces	Double
Protein	M_MEAT	MPED: Oz cooked lean meat from beef, pork, veal, lamb, and game	ounces	Double
Protein	M_MPF	MPED: Oz cooked lean meat from meat, poultry, fish	ounces	Double
Protein	M_NUTSD	MPED: Oz equivalents of lean meat from nuts and seeds	ounces	Double
Protein	M_ORGAN	MPED: Oz cooked lean meat from organ meats	ounces	Double
Protein	M_POULT	MPED: Oz cooked lean meat from chicken, turkey, and other poultry	ounces	Double
Protein	M_SOY	MPED: Oz equivalents of lean meat from soy product	ounces	Double
Minerals	magnes	Magnesium	mg	Double
Sugar Alcohols (polyvols)	maltitol	Maltitol	g	Double
Carbohydrates	maltose	Maltose	g	Double
Minerals	mangan	Manganese	mg	Double
Sugar Alcohols (polyvols)	mannitol	Mannitol	g	Double
Other	methhis3	3-Methylhistidine	mg	Double
Amino Acids	methion	Methionine	g	Double
Fatty Acids	mfa141	MUFA 14:1 (myristoleic acid)	g	Double
Fatty Acids	mfa161	MUFA 16:1 (palmitoleic acid)	g	Double
Fatty Acids	mfa181	MUFA 18:1 (oleic acid)	g	Double

Info Type	Column Header	Description of Column	Unit of Measure	Data Type
Fatty Acids	mfa201	MUFA 20:1 (gadoleic acid)	g	Double
Fatty Acids	mfa221	MUFA 22:1 (erucic acid)	g	Double
Fat and Cholesterol	mfatot	Total Monounsaturated Fatty Acids (MUFA)	g	Double
Vitamins	natoco	Natural Alpha-Tocopherol (RRR-alpha-tocopherol or d- alpha-tocopherol	mg	Double
Other	nccglbr	NCC Glycemic Load (bread reference)	-	Double
Other	nccglgr	NCC Glycemic Load (glucose reference)	-	Double
Vitamins	niacin	Niacin (vitamin B3)	mg	Double
Vitamins	niacineq	Niacin Equivalents	mg	Double
Other	nitrogen	Nitrogen	g	Double
Fatty Acids	omega3	Omega-3 Fatty Acids [pfa205 +pfa226]	g	Double
Other	oxalic	Oxalic Acid	mg	Double
Other	oxalicm	Oxalic Acid value specific to studies that use the Renal FFQ	mg	Double
Vitamins	pantothe	Pantothenic Acid	mg	Double
Fiber	pectins	Pectins	g	Double
Fatty Acids	pfa182	PUFA 18:2 (linoleic acid)	g	Double
Fatty Acids	pfa183	PUFA 18:3 (linolenic acid)	g	Double
Fatty Acids	pfa184	PUFA 18:4 (parinaric acid)	g	Double
Fatty Acids	pfa204	PUFA 20:4 (arachidonic acid)	g	Double
Fatty Acids	PFA205	PUFA 20:5 (eicosapentaenoic acid [EPA])	g	Double
Fatty Acids	pfa225	PUFA 22:5 (docosapentaenoic acid [DPA])	g	Double
Fatty Acids	pfa226	PUFA 22:6 (docosahexaenoic acid [DHA])	g	Double
Fat and Cholesterol	pfatot	Total Polyunsaturated Fatty Acids (PUFA)	g	Double
Amino Acids	phenylal	Phenylalanine	g	Double
Minerals	phosphor	Phosphorus	mg	Double
Other	phytic	Phytic Acid	mg	Double
Sugar Alcohols (polyvols)	pinitol	Pinitol	g	Double
Minerals	potass	Potassium	mg	Double
Amino Acids	proline	Proline	g	Double
Primary Energy Sources	protanim	Animal Protein	g	Double
Primary Energy Sources	protein	Protein	g	Double
Primary Energy Sources	protveg	Vegetable Protein	g	Double
Vitamins	retinol	Retinol	mcg	Double
Grains	rgrain	Refined Grains (ounce equivalents)	oz equivalent	Double
Vitamins	ribofla	Riboflavin (vitamin B2)	mg	Double
Other	sacchar	Saccharin	mg	Double
Vitamins	satoco	Synthetic Alpha-Tocopherol (all rac-alpha-tocopherol or dl- alpha-tocopherol)	mg	Double
Minerals	selenium	Selenium	mcg	Double
Amino Acids	serine	Serine	g	Double
Fatty Acids	sfa100	SFA 10:0 (capric acid)	g	Double
Fatty Acids	sfa120	SFA 12:0 (lauric acid)	g	Double
Fatty Acids	sfa140	SFA 14:0 (myristic acid)	g	Double
Fatty Acids	sfa160	SFA 16:0 (palmitic acid)	g	Double
Fatty Acids	sfa170	SFA 17:0 (margaric acid)	g	Double
Fatty Acids	sfa180	SFA 18:0 (stearic acid)	g	Double
Fatty Acids	sfa200	SFA 20:0 (arachidic acid)	g	Double
Fatty Acids	sfa220	SFA 22:0 (behenic acid)	g	Double
Fatty Acids	sfa40	SFA 4:0 (butyric acid)	g	Double

Info Type	Column Header	Description of Column	Unit of Measure	Data Type
Fatty Acids	sfa60	SFA 6:0 (caproic acid)	g	Double
Fatty Acids	sfa80	SFA 8:0 (caprylic acid)	g	Double
Fat and Cholesterol	sfatot	Total Saturated Fatty Acids (SFA)	g	Double
Minerals	sodium	Sodium	mg	Double
Sugar Alcohols (polyvols)	sorbitol	Sorbitol	g	Double
Carbohydrates	starch	Starch	g	Double
Other	sucpoly	Sucrose Polyester	g	Double
Carbohydrates	sucrlose	Sucralose	mg	Double
Carbohydrates	sucrose	Sucrose	g	Double
Carbohydrates	tagatose	Tagatose	mg	Double
Fatty Acids	tfa161t	TRANS 16:1 (trans-hexadecenoic acid)	g	Double
Fatty Acids	tfa181t	TRANS 18:1 (trans-octadecenoic acid [elaidic acid])	g	Double
Fatty Acids	tfa182t	TRANS 18:2 (trans-octadecadienoic acid [linolelaidic acid]); includes c-t, t-c, t-t)	g	Double
Grain	tgrain	Total Grains (ounce equivalents)	oz	Double
Vitamins	thiamin	Thiamin (vitamin B1)	mg	Double
Amino Acids	threonin	Threonine	g	Double
Fat and Cholesterol	totaltfa	Total Trans-Fatty Acids (TRANS)	g	Double
Fat and Cholesterol	totcla	Total Conjugated Linoleic Acid (CLA 18:2)	g	Double
Vitamins	totfolat	Total Folate	mcg	Double
Carbohydrates	totsugar	Total Sugars	g	Double
Amino Acids	tryptoph	Tryptophan	g	Double
Amino Acids	tyrosine	Tyrosine	g	Double
Vegetables	V_DRKGR	MPED: Number of dark-green vegetable cup equivalents	cups	Double
Vegetables	V_ORANGE	MPED: Number of orange vegetable cup equivalents	cups	Double
Vegetables	V_OTHER	MPED: Number of other vegetable cup equivalents	cups	Double
Vegetables	V_POTATO	MPED: Number of white potato cup equivalents	cups	Double
Vegetables	V_STARCY	MPED: Number of other starchy vegetable cup equivalents	cups	Double
Vegetables	V_TOMATO	MPED: Number of tomato cup equivalents	cups	Double
Vegetables	V_TOTAL	MPED: Total number of vegetable cup equivalents, excl legumes	cups	Double
Amino Acids	valine	Valine	g	Double
Vitamins	vita_iu	Total Vitamin A Activity (International Units)	IU	Double

Info Type	Column Header	Description of Column	Unit of Measure	Data Type
Vitamins	vita_rae	Total Vitamin A Activity (Retinol Activity Equivalents)	mcg	Double
Vitamins	vita_re	Total Vitamin A Activity (Retinol Equivalents)	mcg	Double
Vitamins	vitb12	Vitamin B12 (cobalamin)	mcg	Double
Vitamins	vitb6	Vitamin B6 (pyridoxine, pyridoxyl, and pyridoxamine)	mg	Double
Vitamins	vitc	Vitamin C (ascorbic acid)	mg	Double
Vitamins	vitd	Vitamin D (calciferol)	mcg	Double
Vitamins	vitd_iu	Vitamin D (calciferol)	IU	Double
Vitamins	vitd2	Vitamin D2 (ergocalciferol)	mcg	Double
Vitamins	vitd3	Vitamin D3 (cholecalciferol)	mcg	Double
Vitamins	vite_iu	Vitamin E (International Units)	IU	Double
Vitamins	vitk	Vitamin K (phylloquinone)	mcg	Double
Other	water	Water	g	Double
Grains	wgrain	Whole Grains (ounce equivalents)	oz equivalent	Double
Sugar Alcohols (polyvols)	xylitol	Xylitol	g	Double
Minerals	zinc	Zinc	mg	Double

6 Export Fields Included in the NV Export v2.10

Additional fields about the protocol have been added the export. This information will now be available regardless of the database version so any export run prior to VioScreen v2.10 will not include these fields regardless of the database. These 4 newly fields are highlighted in the table. For the remaining nutrient data, the column position will vary according to the information available in the database and consequently in the export. For any value where there is no data available the export will have a null value. It should be noted that the table below only shows column positions for the two most recent databases however, the export is not limited to only these two.

Table 2. Field Position in Nutrient Vector (NV) Export by Database

Column Header	Column Position NDSR42	Column Position NDSR44
RECNO	1	1
BCODEID	2	2
PROCDATE	3	3
STARTED	4	4
FINISHED	5	5
TIME	6	6
SRVID	7	7
Protocol	8	8
NutrientRecommendation	9	9
Database	10	10
Questionnaire	11	11
Gender	12	12
Age	13	13
Height	14	14
Weight	15	15
BMI	16	16
EER	17	17
ActivityLevel	18	18
Visit	19	19
Username	20	20
SubjectId	21	21
UserId	22	22
DOB	23	23
Email	24	24
scf	25	25
scfv	26	26
Multivitamin	27	27
MultivitaminFreq	28	28
MultiCalciumDose	29	29
MultiCalciumAvg	30	30
Calcium	31	31
CalciumFreq	32	32
CalciumDose	33	33
CalciumAvg	34	34
FRT5DAY	35	35
FRTSUMM	36	36
VEG5DAY	37	37
VEGSUMM	38	38
AlcoholServings	39	39
CalciumFromDairyServings	40	40

Column Header	Column Position NDSR42	Column Position NDSR44
CalciumServings	41	41
LowFatDairyServing	42	42
FriedFishServings	43	43
NonFriedFishServings	44	44
FishServings	45	45
FriedFoodServings	46	46
FruitServings	47	47
JuiceServings	48	48
SaladVegetableServings	49	49
SweetServings	50	50
VegetableServings	51	51
WholeGrainServings	52	52
HEIScore	49	53
HEI_Fruit	50	54
HEI_NonJuiceFrt	51	55
HEI_Veg	52	56
HEI_DrkG_OrgVeg_Leg	53	57
HEI_Grains	54	58
HEI_Whl_Grains	55	59
HEI_Milk	56	60
HEI_Meat_Beans	57	61
HEI_Oils	58	62
HEI_SatFat	59	63
HEI_Sodium	60	64
HEI_SolFat_Alc_AddSug	61	65
A_BEV	62	66
A_CAL	63	67
acesupot	64	68
ADD_SUG	65	69
addsugar	66	70
adsugtot	[does not exist]	71
alanine	67	72
alcohol	68	73
alphacar	69	74
alphtoce	70	75
alphtoco	71	76
arginine	72	77
ash	73	78
aspartam	74	79
aspartic	75	80
avcarb	76	81

Column Header	Column Position NDSR42	Column Position NDSR44
betacar	77	82
betacryp	78	83
betaine	79	84
betatoco	80	85
biochana	81	86
caffeine	82	88
calcium	83	89
calories	84	90
carbo	85	91
cholest	86	92
choline	87	93
clac9t11	88	94
clat10c12	89	95
copper	90	96
coumest	91	97
cystine	92	98
D_CHEESE	93	99
D_MILK	94	100
D_TOT_SOYM	95	101
D_TOTAL	96	102
D_YOGURT	97	103
daidzein	98	104
delttoco	99	105
DISCFAT_OIL	100	106
DISCFAT_SOL	101	107
erythr	102	108
F_CITMLB	103	109
F_NJ_CITMLB	104	110
F_NJ_OTHER	105	111
F_NJ_TOTAL	106	112
F_OTHER	107	113
F_TOTAL	108	114
fat	109	115
fiber	110	116
fibh2o	111	117
fibinso	112	118
fol_deqv	113	119
fol_nat	114	120
fol_syn	115	121
formontn	116	122
fructose	117	123

Column Header	Column Position NDSR42	Column Position NDSR44
G_NWHL	118	124
G_TOTAL	119	125
G_WHL	120	126
galactos	121	127
gammtoco	122	128
genistn	123	129
GLAC	124	130
GLTC	125	131
glucose	126	132
glutamic	127	133
glycine	128	134
glycitn	129	135
grams	130	136
histidin	131	137
inositol	132	138
iron	133	139
isoleuc	134	140
isomalt	135	141
joules	136	142
lactitol	137	143
lactose	138	144
LEGUMES	139	145
leucine	140	146
LineGi	141	147
lutzeax	142	148
lycopene	143	149
lysine	144	150
M_EGG	145	151
M_FISH_HI	146	152
M_FISH_LO	147	153
M_FRANK	148	154
M_MEAT	149	155
M_MPF	150	156
M_NUTSD	151	157
M_ORGAN	152	158
M_POULT	153	159
M_SOY	154	160
magnes	155	161
maltitol	156	162
maltose	157	163
mangan	158	164

Column Header	Column Position NDSR42	Column Position NDSR44
mannitol	159	165
methhis3	160	166
methion	161	167
mfa141	162	168
mfa161	163	169
mfa181	164	170
mfa201	165	171
mfa221	166	172
mfatot	167	173
natoco	168	174
nccglbr	169	175
nccglgr	170	176
niacin	171	177
niacineq	172	178
nitrogen	173	179
omega3	174	180
oxalic	175	181
oxalicm	176	182
pantothe	177	183
pectins	178	184
pfa182	179	185
pfa183	180	186
pfa184	181	187
pfa204	182	188
PFA205	183	189
pfa225	184	190
pfa226	185	191
pfatot	186	192
phenylal	187	193
phosphor	188	194
phytic	189	195
pinitol	190	196
potass	191	197
proline	192	198
protanim	193	199
protein	194	200
protveg	195	201
retinol	196	202
rgrain	[does not exist]	203
ribofla	197	204
sacchar	198	205

Column Header	Column Position NDSR42	Column Position NDSR44
satoco	199	206
selenium	200	207
serine	201	208
sfa100	202	209
sfa120	203	210
sfa140	204	211
sfa160	205	212
sfa170	206	213
sfa180	207	214
sfa200	208	215
sfa220	209	216
sfa40	210	217
sfa60	211	218
sfa80	212	219
sfatot	213	220
sodium	214	221
sorbitol	215	222
starch	216	223
sucpoly	217	224
sucrlose	218	225
sucrose	219	226
tagatose	220	227
tfa161t	221	228
tfa181t	222	229
tfa182t	223	230
tgrain	[does not exist]	231
thiamin	224	232
threonin	225	233
totaltfa	226	234
totcla	227	235
totfolat	228	236
totsugar	229	237
tryptoph	230	238
tyrosine	231	239
V_DRKGR	232	240
V_ORANGE	233	241
V_OTHER	234	242
V_POTATO	235	243
V_STARCY	236	244
V_TOMATO	237	245
V_TOTAL	238	246

Column Header	Column Position NDSR42	Column Position NDSR44
valine	239	247
vita_iu	240	248
vita_rae	241	249
vita_re	242	250
vitb12	243	251
vitb6	244	252
vitc	245	253
vitd	246	254
vitd_iu	247	255
vitd2	248	256
vitd3	249	257
vite_iu	250	258
vitk	251	259
water	252	260
wgrain	[does not exist]	261
xylitol	253	262
zinc	254	263

7 Export Fields Included in the FC Export v2.10

Additional fields about the protocol have been added the export. This information will now be available regardless of the database version so any export run prior to VioScreen v2.10 will not include these fields regardless of the database. These 4 newly fields are highlighted in the table. For the remaining nutrient data, the column position will vary according to the information available in the database and consequently in the export. For any value where there is no data available the export should have a null value. It should be noted that the table below only shows column positions for the two most recent databases however, the export is not limited to only these two.

Table 3. Field Position in the Food Consumption (FC) Export by Database

Column Header	Column Position NDSR42	Column Position NDSR44
RECNO	1	1
BCODEID	2	2
STARTED	3	3
Protocol	4	4
NutrientRecommendation	5	5
Database	6	6
Questionnaire	7	7
Gender	8	8
Height	9	9
Weight	10	10
BMI	11	11
Visit	12	12
Username	13	13
SubjectId	14	14

Column Header	Column Position NDSR42	Column Position NDSR44
UserId	15	15
FoodDescription	16	16
Frequency	17	17
PortionSize	18	18
YearlyFrequency	19	19
FrequencyAdjustment	20	20
EatingPattern	21	21
EatingPatternDescription	22	22
FoodGroup	23	23
FoodGroupDescription	24	24
A_BEV	25	25
A_CAL	26	26
acesupot	27	27
ADD_SUG	28	28
addsugar	29	29
adsugtot		30
alanine	30	31
alcohol	31	32
alphacar	32	33
alphtoce	33	34
alphtoco	34	35
arginine	35	36
ash	36	37
aspartam	37	38
aspartic	38	39
avcarb	39	40
betacar	40	41
betacryp	41	43
betaine	42	44
betatoco	43	45
biochana	44	46
caffeine	45	47
calcium	46	48
calories	47	49
carbo	48	50
cholest	49	51
choline	50	52
clac9t11	51	53
clat10c12	52	54
copper	53	55

Column Header	Column Position NDSR42	Column Position NDSR44
coumest	54	56
cystine	55	57
D_CHEESE	56	58
D_MILK	57	59
D_TOT_SOYM	58	60
D_TOTAL	59	61
D_YOGURT	60	62
daidzein	61	63
delttoco	62	64
DISCFAT_OIL	63	65
DISCFAT_SOL	64	66
erythr	65	67
F_CITMLB	66	68
F_NJ_CITMLB	67	69
F_NJ_OTHER	68	70
F_NJ_TOTAL	69	71
F_OTHER	70	72
F_TOTAL	71	73
fat	72	74
fiber	73	75
fibh2o	74	76
fibinso	75	77
fol_deqv	76	78
fol_nat	77	79
fol_syn	78	80
formontn	79	81
fructose	80	82
G_NWHL	81	83
G_TOTAL	82	84
G_WHL	83	85
galactos	84	86
gammtoco	85	87
genistn	86	88
GLAC	87	89
GLTC	88	90
glucose	89	91
glutamic	90	92
glycine	91	93
glycitn	92	94
grams	93	95

Column Header	Column Position NDSR42	Column Position NDSR44
histidin	94	96
inositol	95	97
iron	96	98
isoleuc	97	99
isomalt	98	100
joules	99	101
lactitol	100	102
lactose	101	103
LEGUMES	102	104
leucine	103	105
LineGi	104	106
lutzeax	105	107
lycopene	106	108
lysine	107	109
M_EGG	108	110
M_FISH_HI	109	111
M_FISH_LO	110	112
M_FRANK	111	113
M_MEAT	112	114
M_MPF	113	115
M_NUTSD	114	116
M_ORGAN	115	117
M_POULT	116	118
M_SOY	117	119
magnes	118	120
maltitol	119	121
maltose	120	122
mangan	121	123
mannitol	122	124
methhis3	123	125
methion	124	126
mfa141	125	127
mfa161	126	128
mfa181	127	129
mfa201	128	130
mfa221	129	131
mfatot	130	132
natoco	131	133
nccglbr	132	134

Column Header	Column Position NDSR42	Column Position NDSR44
nccglgr	133	135
niacin	134	136
niacineq	135	137
nitrogen	136	138
omega3	137	139
oxalic	138	140
oxalicm	139	141
pantothe	140	142
pectins	141	143
pfa182	142	144
pfa183	143	145
pfa184	144	146
pfa204	145	147
pfa205	146	148
pfa225	147	149
pfa226	148	150
pfatot	149	151
phenylal	150	152
phosphor	151	153
phytic	152	154
pinitol	153	155
potass	154	156
proline	155	157
protanim	156	158
protein	157	159
protveg	158	160
retinol	159	161
rgrain		162
ribofla	160	163
sacchar	161	164
satoco	162	165
selenium	163	166
serine	164	167
sfa100	165	168
sfa120	166	169
sfa140	167	170
sfa160	168	171
sfa170	169	172

Column Header	Column Position NDSR42	Column Position NDSR44
sfa180	170	173
sfa200	171	174
sfa220	172	175
sfa40	173	176
sfa60	174	177
sfa80	175	178
sfatot	176	179
sodium	177	180
sorbitol	178	181
starch	179	182
sucpoly	180	183
sucrlose	181	184
sucrose	182	185
tagatose	183	186
tfa161t	184	187
tfa181t	185	188
tfa182t	186	189
tgrain		190
thiamin	187	191
threonin	188	192
totaltfa	189	193
totcla	190	194
totfolat	191	195
totsugar	192	196
tryptoph	193	197
tyrosine	194	198
V_DRKGR	195	199
V_ORANGE	196	200
V_OTHER	197	201
V_POTATO	198	202
V_STARCY	199	203
V_TOMATO	200	204
V_TOTAL	201	205
valine	202	206
vita_iu	203	207
vita_rae	204	208
vita_re	205	209
vitb12	206	210
vitb6	207	211

Column Header	Column Position NDSR42	Column Position NDSR44
vitc	208	212
vitd	209	213
vitd_iu	210	214
vitd2	211	215
vitd3	212	216
vite_iu	213	217
vitk	214	218
water	215	219
wgrain		220
xylitol	216	221
zinc	217	1

8 Export Fields Included in the NV Export Prior to v2.10

As a reference this section highlights the field positions for the NV export prior to the release of VioScreen v2.10.

Table 2. Field Position in Nutrient Vector (NV) Export for Database Prior to V2.10

Column Header	Column Position NDSR34	Column Position NDSR35	Column Position NDSR38	Column Position NDSR40	Column Position NDSR42
HEIScore	[does not exist]	[does not exist]	[does not exist]	[does not exist]	49
HEI_Fruit	[does not exist]	[does not exist]	[does not exist]	[does not exist]	50
HEI_NonJuiceFrt	[does not exist]	[does not exist]	[does not exist]	[does not exist]	51
HEI_Veg	[does not exist]	[does not exist]	[does not exist]	[does not exist]	52
HEI_DrkG_OrgVeg_Leg	[does not exist]	[does not exist]	[does not exist]	[does not exist]	53
HEI_Grains	[does not exist]	[does not exist]	[does not exist]	[does not exist]	54
HEI_Whl_Grains	[does not exist]	[does not exist]	[does not exist]	[does not exist]	55
HEI_Milk	[does not exist]	[does not exist]	[does not exist]	[does not exist]	56
HEI_Meat_Beans	[does not exist]	[does not exist]	[does not exist]	[does not exist]	57
HEI_Oils	[does not exist]	[does not exist]	[does not exist]	[does not exist]	58
HEI_SatFat	[does not exist]	[does not exist]	[does not exist]	[does not exist]	59
HEI_Sodium	[does not exist]	[does not exist]	[does not exist]	[does not exist]	60
HEI_SolFat_Alc_AddSug	[does not exist]	[does not exist]	[does not exist]	[does not exist]	61
A_BEV	[does not exist]	[does not exist]	[does not exist]	[does not exist]	62
A_CAL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	63
acesupot	[does not exist]	[does not exist]	49	49	64
ADD_SUG	[does not exist]	[does not exist]	[does not exist]	[does not exist]	65
addsugar	[does not exist]	[does not exist]	50	50	66
adsugtot	[does not exist]	[does not exist]	[does not exist]	[does not exist]	[does not exist]
alanine	49	49	51	51	67
alcohol	50	50	52	52	68
alphacar	51	51	53	53	69
alphtoce	52	52	54	54	70
alphtoco	53	53	55	55	71
arginine	54	54	56	56	72
ash	55	55	57	57	73
aspartam	56	56	58	58	74
aspartic	57	57	59	59	75
avcarb	[does not exist]	[does not exist]	60	60	76
betacar	58	58	61	61	77
betacaro	59	[does not exist]	[does not exist]	[does not exist]	[does not exist]
betacryp	60	59	62	62	78
betaine	[does not exist]	[does not exist]	63	63	79
betatoco	61	60	64	64	80
biochana	[does not exist]	61	65	65	81

Column Header	Column Position NDSR34	Column Position NDSR35	Column Position NDSR38	Column Position NDSR40	Column Position NDSR42
caffeine	62	62	66	66	82
calcium	63	63	67	67	83
calories	64	64	68	68	84
carbo	65	65	69	69	85
cholest	66	66	70	70	86
choline	[does not exist]	[does not exist]	71	71	87
clac9t11	[does not exist]	[does not exist]	[does not exist]	72	88
clat10c12	[does not exist]	[does not exist]	[does not exist]	73	89
copper	67	67	72	74	90
coumest	[does not exist]	68	73	75	91
cystine	68	69	74	76	92
D_CHEESE	[does not exist]	[does not exist]	[does not exist]	[does not exist]	93
D_MILK	[does not exist]	[does not exist]	[does not exist]	[does not exist]	94
D_TOT_SOYM	[does not exist]	[does not exist]	[does not exist]	[does not exist]	95
D_TOTAL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	96
D_YOGURT	[does not exist]	[does not exist]	[does not exist]	[does not exist]	97
daidzein	[does not exist]	70	75	77	98
delttoco	69	71	76	78	99
DISCFAT_OIL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	100
DISCFAT_SOL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	101
erythr	[does not exist]	[does not exist]	77	79	102
F_CITMLB	[does not exist]	[does not exist]	[does not exist]	[does not exist]	103
F_NJ_CITMLB	[does not exist]	[does not exist]	[does not exist]	[does not exist]	104
F_NJ_OTHER	[does not exist]	[does not exist]	[does not exist]	[does not exist]	105
F_NJ_TOTAL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	106
F_OTHER	[does not exist]	[does not exist]	[does not exist]	[does not exist]	107
F_TOTAL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	108
fat	70	72	78	80	109
fiber	71	73	79	81	110
fibh2o	72	74	80	82	111
fibinso	73	75	81	83	112
fol_deqv	74	76	82	84	113
fol_nat	75	77	83	85	114
fol_syn	76	78	84	86	115
formontn	[does not exist]	79	85	87	116
fructose	77	80	86	88	117
G_NWHL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	118
G_TOTAL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	119
G_WHL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	120
galactos	78	81	87	89	121
gammtoco	79	82	88	90	122

Column Header	Column Position NDSR34	Column Position NDSR35	Column Position NDSR38	Column Position NDSR40	Column Position NDSR42
genistn	[does not exist]	83	89	91	123
GLAC	[does not exist]	[does not exist]	90	92	124
GLTC	[does not exist]	[does not exist]	91	93	125
glucose	80	84	92	94	126
glutamic	81	85	93	95	127
glycine	82	86	94	96	128
glycitn	[does not exist]	87	95	97	129
grams	[does not exist]	88	96	[does not exist]	130
histidin	83	89	97	98	131
inositol	[does not exist]	[does not exist]	98	99	132
iron	84	90	99	100	133
isoleuc	85	91	100	101	134
isomalt	[does not exist]	[does not exist]	101	102	135
joules	86	92	102	103	136
lactitol	[does not exist]	[does not exist]	103	104	137
lactose	87	93	104	105	138
LEGUMES	[does not exist]	[does not exist]	[does not exist]	[does not exist]	139
leucine	88	94	105	106	140
LineGi	[does not exist]	[does not exist]	106	107	141
lutzeax	89	95	107	108	142
lycopene	90	96	108	109	143
lysine	91	97	109	110	144
M_EGG	[does not exist]	[does not exist]	[does not exist]	[does not exist]	145
M_FISH_HI	[does not exist]	[does not exist]	[does not exist]	[does not exist]	146
M_FISH_LO	[does not exist]	[does not exist]	[does not exist]	[does not exist]	147
M_FRANK	[does not exist]	[does not exist]	[does not exist]	[does not exist]	148
M_MEAT	[does not exist]	[does not exist]	[does not exist]	[does not exist]	149
M_MPF	[does not exist]	[does not exist]	[does not exist]	[does not exist]	150
M_NUTSD	[does not exist]	[does not exist]	[does not exist]	[does not exist]	151
M_ORGAN	[does not exist]	[does not exist]	[does not exist]	[does not exist]	152
M_POULT	[does not exist]	[does not exist]	[does not exist]	[does not exist]	153
M_SOY	[does not exist]	[does not exist]	[does not exist]	[does not exist]	154
magnes	92	98	110	111	155
maltitol	[does not exist]	[does not exist]	111	112	156
maltose	93	99	112	113	157
mangan	94	100	113	114	158
mannitol	[does not exist]	[does not exist]	114	115	159
methhis3	95	101	115	116	160
methion	96	102	116	117	161
mfa141	97	103	117	118	162
mfa161	98	104	118	119	163

Column Header	Column Position NDSR34	Column Position NDSR35	Column Position NDSR38	Column Position NDSR40	Column Position NDSR42
mfa181	99	105	119	120	164
mfa201	100	106	120	121	165
mfa221	101	107	121	122	166
mfatot	102	108	122	123	167
natoco	103	109	123	124	168
nccglbr	[does not exist]	[does not exist]	[does not exist]	125	169
nccglgr	[does not exist]	[does not exist]	[does not exist]	126	170
niacin	104	110	124	127	171
niacineq	105	111	125	128	172
nitrogen	[does not exist]	[does not exist]	[does not exist]	129	173
omega3	106	112	126	130	174
oxalic	107	113	127	131	175
oxalicm	[does not exist]	[does not exist]	128	132	176
pantothe	108	114	129	133	177
pectins	109	115	130	134	178
pfa182	110	116	131	135	179
pfa183	111	117	132	136	180
pfa184	112	118	133	137	181
pfa204	113	119	134	138	182
PFA205	114	120	135	139	183
pfa225	115	121	136	140	184
pfa226	116	122	137	141	185
pfatot	117	123	138	142	186
phenylal	118	124	139	143	187
phosphor	119	125	140	144	188
phytic	120	126	141	145	189
pinitol	[does not exist]	[does not exist]	142	146	190
potass	121	127	143	147	191
proline	122	128	144	148	192
protanim	123	129	145	149	193
protein	124	130	146	150	194
protveg	125	131	147	151	195
retinol	126	132	148	152	196
rgrain	[does not exist]	[does not exist]	[does not exist]	[does not exist]	[does not exist]
ribofla	127	133	149	153	197
sacchar	128	134	150	154	198
satoco	129	135	151	155	199
selenium	130	136	152	156	200
serine	131	137	153	157	201
sfa100	132	138	154	158	202
sfa120	133	139	155	159	203

Column Header	Column Position NDSR34	Column Position NDSR35	Column Position NDSR38	Column Position NDSR40	Column Position NDSR42
sfa140	134	140	156	160	204
sfa160	135	141	157	161	205
sfa170	136	142	158	162	206
sfa180	137	143	159	163	207
sfa200	138	144	160	164	208
sfa220	139	145	161	165	209
sfa40	140	146	162	166	210
sfa60	141	147	163	167	211
sfa80	142	148	164	168	212
sfatot	143	149	165	169	213
sodium	144	150	166	170	214
sorbitol	[does not exist]	[does not exist]	167	171	215
starch	145	151	168	172	216
sucpoly	146	152	169	173	217
sucrlose	[does not exist]	[does not exist]	170	174	218
sucrose	147	153	171	175	219
tagatose	[does not exist]	[does not exist]	[does not exist]	176	220
tfa161t	148	154	172	177	221
tfa181t	149	155	173	178	222
tfa182t	150	156	174	179	223
tgrain	[does not exist]	[does not exist]	[does not exist]	[does not exist]	[does not exist]
thiamin	151	157	175	180	224
threonin	152	158	176	181	225
totaltfa	153	159	177	182	226
totcla	[does not exist]	[does not exist]	[does not exist]	183	227
totfolat	154	160	178	184	228
totsugar	155	161	179	185	229
tryptoph	156	162	180	186	230
tyrosine	157	163	181	187	231
V_DRKGR	[does not exist]	[does not exist]	[does not exist]	[does not exist]	232
V_ORANGE	[does not exist]	[does not exist]	[does not exist]	[does not exist]	233
V_OTHER	[does not exist]	[does not exist]	[does not exist]	[does not exist]	234
V_POTATO	[does not exist]	[does not exist]	[does not exist]	[does not exist]	235
V_STARCY	[does not exist]	[does not exist]	[does not exist]	[does not exist]	236
V_TOMATO	[does not exist]	[does not exist]	[does not exist]	[does not exist]	237
V_TOTAL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	238
valine	158	164	182	188	239
vita_iu	159	165	183	189	240
vita_rae	160	166	184	190	241
vita_re	161	167	185	191	242
vitb12	162	168	186	192	243

Column Header	Column Position NDSR34	Column Position NDSR35	Column Position NDSR38	Column Position NDSR40	Column Position NDSR42
vitb6	163	169	187	193	244
vitc	164	170	188	194	245
vitd	165	171	189	195	246
vitd_iu	166	172	190	196	247
vitd2	[does not exist]	[does not exist]	[does not exist]	[does not exist]	248
vitd3	[does not exist]	[does not exist]	[does not exist]	[does not exist]	249
vite_iu	167	173	191	197	250
vitk	168	174	192	198	251
water	169	175	193	199	252
wgrain	[does not exist]	[does not exist]	[does not exist]	[does not exist]	[does not exist]
xylitol	[does not exist]	[does not exist]	194	200	253
zinc	170	176	195	201	254

9 Export Fields Included in the FC Export Prior to v2.10

As a reference this section highlights the field positions for the FC export prior to the release of VioScreen v2.10.

Table 3. Field Position in the Food Consumption (FC) Export Databases Prior to V2.10

Column Header	Column Position NDSR34	Column Position NDSR35	Column Position NDSR38	Column Position NDSR40	Column Position NDSR42
A_BEV	[does not exist]	[does not exist]	[does not exist]	[does not exist]	21
A_CAL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	22
acesupot	[does not exist]	[does not exist]	21	21	23
ADD_SUG	[does not exist]	[does not exist]	[does not exist]	[does not exist]	24
addsugar	[does not exist]	[does not exist]	22	22	25
adsugtot	[does not exist]	[does not exist]	[does not exist]	[does not exist]	26
alanine	21	21	23	23	27
alcohol	22	22	24	24	28
alphacar	23	23	25	25	29
alphtoce	24	24	26	26	30
alphtoco	25	25	27	27	31
arginine	26	26	28	28	32
ash	27	27	29	29	33
aspartam	28	28	30	30	34
aspartic	29	29	31	31	35
avcarb	[does not exist]	[does not exist]	32	32	36
betacar	30	30	33	33	[does not exist]
betacaro	31	[does not exist]	[does not exist]	[does not exist]	21
betacryp	32	31	34	34	37
betaine	[does not exist]	[does not exist]	35	35	38
betatoco	33	32	36	36	39

Column Header	Column Position NDSR34	Column Position NDSR35	Column Position NDSR38	Column Position NDSR40	Column Position NDSR42
biochana	[does not exist]	33	37	37	40
caffeine	34	34	38	38	41
calcium	35	35	39	39	42
calories	36	36	40	40	43
carbo	37	37	41	41	44
cholest	38	38	42	42	45
choline	[does not exist]	[does not exist]	43	43	46
clac9t11	[does not exist]	[does not exist]	[does not exist]	44	47
clat10c12	[does not exist]	[does not exist]	[does not exist]	45	48
copper	39	39	44	46	49
coumest	[does not exist]	40	45	47	50
cystine	40	41	46	48	51
D_CHEESE	[does not exist]	[does not exist]	[does not exist]	[does not exist]	52
D_MILK	[does not exist]	[does not exist]	[does not exist]	[does not exist]	53
D_TOT_SOYM	[does not exist]	[does not exist]	[does not exist]	[does not exist]	54
D_TOTAL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	55
D_YOGURT	[does not exist]	[does not exist]	[does not exist]	[does not exist]	56
daidzein	[does not exist]	42	47	49	57
delttoco	41	43	48	50	58
DISCFAT_OIL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	59
DISCFAT_SOL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	60
erythr	[does not exist]	[does not exist]	49	51	61
F_CITMLB	[does not exist]	[does not exist]	[does not exist]	[does not exist]	62
F_NJ_CITMLB	[does not exist]	[does not exist]	[does not exist]	[does not exist]	63
F_NJ_OTHER	[does not exist]	[does not exist]	[does not exist]	[does not exist]	64
F_NJ_TOTAL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	65
F_OTHER	[does not exist]	[does not exist]	[does not exist]	[does not exist]	66
F_TOTAL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	67
fat	42	44	50	52	68
fiber	43	45	51	53	69
fibh2o	44	46	52	54	70
fibinso	45	47	53	55	71
fol_deqv	46	48	54	56	72
fol_nat	47	49	55	57	73
fol_syn	48	50	56	58	74
formontn	[does not exist]	51	57	59	75
fructose	49	52	58	60	76
G_NWHL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	77
G_TOTAL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	78
G_WHL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	79
galactos	50	53	59	61	80
gammtoco	51	54	60	62	81

Column Header	Column Position NDSR34	Column Position NDSR35	Column Position NDSR38	Column Position NDSR40	Column Position NDSR42
genistn	[does not exist]	55	61	63	82
GLAC	[does not exist]	[does not exist]	62	64	83
GLTC	[does not exist]	[does not exist]	63	65	84
glucose	52	56	64	66	85
glutamic	53	57	65	67	86
glycine	54	58	66	68	87
glycitn	[does not exist]	59	67	69	88
grams	[does not exist]	60	68	[does not exist]	89
histidin	55	61	69	70	90
inositol	[does not exist]	[does not exist]	70	71	91
iron	56	62	71	72	92
isoleuc	57	63	72	73	93
isomalt	[does not exist]	[does not exist]	73	74	94
joules	58	64	74	75	95
lactitol	[does not exist]	[does not exist]	75	76	96
lactose	59	65	76	77	97
LEGUMES	[does not exist]	[does not exist]	[does not exist]	[does not exist]	98
leucine	60	66	77	78	99
LineGi	[does not exist]	[does not exist]	78	79	100
lutzeax	61	67	79	80	101
lycopene	62	68	80	81	102
lysine	63	69	81	82	103
M_EGG	[does not exist]	[does not exist]	[does not exist]	[does not exist]	104
M_FISH_HI	[does not exist]	[does not exist]	[does not exist]	[does not exist]	105
M_FISH_LO	[does not exist]	[does not exist]	[does not exist]	[does not exist]	106
M_FRANK	[does not exist]	[does not exist]	[does not exist]	[does not exist]	107
M_MEAT	[does not exist]	[does not exist]	[does not exist]	[does not exist]	108
M_MPF	[does not exist]	[does not exist]	[does not exist]	[does not exist]	109
M_NUTSD	[does not exist]	[does not exist]	[does not exist]	[does not exist]	110
M_ORGAN	[does not exist]	[does not exist]	[does not exist]	[does not exist]	111
M_POULT	[does not exist]	[does not exist]	[does not exist]	[does not exist]	112
M_SOY	[does not exist]	[does not exist]	[does not exist]	[does not exist]	113
magnes	64	70	82	83	114
maltitol	[does not exist]	[does not exist]	83	84	115
maltose	65	71	84	85	116
mangan	66	72	85	86	117
mannitol	[does not exist]	[does not exist]	86	87	118
methhis3	67	73	87	88	119
methion	68	74	88	89	120
mfa141	69	75	89	90	121
mfa161	70	76	90	91	122
mfa181	71	77	91	92	123

Column Header	Column Position NDSR34	Column Position NDSR35	Column Position NDSR38	Column Position NDSR40	Column Position NDSR42
mfa201	72	78	92	93	124
mfa221	73	79	93	94	125
mfatot	74	80	94	95	126
natoco	75	81	95	96	127
nccglbr	[does not exist]	[does not exist]	[does not exist]	97	128
nccglgr	[does not exist]	[does not exist]	[does not exist]	98	129
niacin	76	82	96	99	130
niacineq	77	83	97	100	131
nitrogen	[does not exist]	[does not exist]	[does not exist]	101	132
omega3	78	84	98	102	133
oxalic	79	85	99	103	134
oxalicm	[does not exist]	[does not exist]	100	104	135
pantothe	80	86	101	105	136
pectins	81	87	102	106	137
pfa182	82	88	103	107	138
pfa183	83	89	104	108	139
pfa184	84	90	105	109	140
pfa204	85	91	106	110	141
pfa205	86	92	107	111	142
pfa225	87	93	108	112	143
pfa226	88	94	109	113	144
pfatot	89	95	110	114	145
phenylal	90	96	111	115	146
phosphor	91	97	112	116	147
phytic	92	98	113	117	148
pinitol	[does not exist]	[does not exist]	114	118	149
potass	93	99	115	119	150
proline	94	100	116	120	151
protanim	95	101	117	121	152
protein	96	102	118	122	153
protveg	97	103	119	123	154
retinol	98	104	120	124	155
rgrain	[does not exist]	[does not exist]	[does not exist]	[does not exist]	[does not exist]
ribofla	99	105	121	125	156
sacchar	100	106	122	126	157
satoco	101	107	123	127	158
selenium	102	108	124	128	159
serine	103	109	125	129	160
sfa100	104	110	126	130	161
sfa120	105	111	127	131	162
sfa140	106	112	128	132	163
sfa160	107	113	129	133	164

Column Header	Column Position NDSR34	Column Position NDSR35	Column Position NDSR38	Column Position NDSR40	Column Position NDSR42
sfa170	108	114	130	134	165
sfa180	109	115	131	135	166
sfa200	110	116	132	136	167
sfa220	111	117	133	137	168
sfa40	112	118	134	138	169
sfa60	113	119	135	139	170
sfa80	114	120	136	140	171
sfatot	115	121	137	141	172
sodium	116	122	138	142	173
sorbitol	[does not exist]	[does not exist]	139	143	174
starch	117	123	140	144	175
sucpoly	118	124	141	145	176
sucrlose	[does not exist]	[does not exist]	142	146	177
sucrose	119	125	143	147	178
tagatose	[does not exist]	[does not exist]	[does not exist]	148	179
tfa161t	120	126	144	149	180
tfa181t	121	127	145	150	181
tfa182t	122	128	146	151	182
tgrain	[does not exist]	[does not exist]	[does not exist]	[does not exist]	[does not exist]
thiamin	123	129	147	152	183
threonin	124	130	148	153	184
totaltfa	125	131	149	154	185
totcla	[does not exist]	[does not exist]	[does not exist]	155	186
totfolat	126	132	150	156	187
totsugar	127	133	151	157	188
tryptoph	128	134	152	158	189
tyrosine	129	135	153	159	190
V_DRKGR	[does not exist]	[does not exist]	[does not exist]	[does not exist]	191
V_ORANGE	[does not exist]	[does not exist]	[does not exist]	[does not exist]	192
V_OTHER	[does not exist]	[does not exist]	[does not exist]	[does not exist]	193
V_POTATO	[does not exist]	[does not exist]	[does not exist]	[does not exist]	194
V_STARCY	[does not exist]	[does not exist]	[does not exist]	[does not exist]	195
V_TOMATO	[does not exist]	[does not exist]	[does not exist]	[does not exist]	196
V_TOTAL	[does not exist]	[does not exist]	[does not exist]	[does not exist]	197
valine	130	136	154	160	198
vita_iu	131	137	155	161	199
vita_rae	132	138	156	162	200
vita_re	133	139	157	163	201
vitb12	134	134	158	164	202
vitb6	135	141	159	165	203
vitc	136	142	160	166	204
vitd	137	143	161	167	205

Column Header	Column Position NDSR34	Column Position NDSR35	Column Position NDSR38	Column Position NDSR40	Column Position NDSR42
vitd_iu	138	144	162	168	206
vitd2	[does not exist]	[does not exist]	[does not exist]	[does not exist]	207
vitd3	[does not exist]	[does not exist]	[does not exist]	[does not exist]	208
vite_iu	139	145	163	169	209
vitk	140	146	164	170	210
water	141	147	165	171	211
wgrain	[does not exist]	[does not exist]	[does not exist]	[does not exist]	[does not exist]
xylitol	[does not exist]	[does not exist]	166	172	212
zinc	142	148	167	173	213