



Jeff Murray's Programming Shop, Inc.

## Location of RSR Client-Level Data Elements in Provider Data Import/Export

Version 1.3

June 5, 2013

### Revisions:

- 1.1 Added User Data column. Changed comments column to "What CAREWare does with the data."
- 1.2 General editing.
- 1.3 Revised the document accounting for Annual Review changes (rows 9, 10, 15, 46, 61, and 62).

This document lists all Client-level RSR variables and shows how the data that CAREWare uses to calculate those variables can be imported through the CAREWare PDI. The Field # column uses the numbering system defined by the official HRSA RSR data dictionary. The Variable Descriptions are loosely taken from that document as well, though they were changed for readability purposes (like for field #9, which reads "PovertyLevelID" in the data dictionary but "Client's poverty level" here).

The Template Table and Field columns refer to the CAREWare PDI Template, which is an MS Access database available for free download from the CAREWare Help Desk. The User Data column generally describes what data belong in the PDI fields listed in the previous column, and it mentions important business rules in cases where they exist. The last column explains how CAREWare uses the data imported through the PDI to populate the RSR variables.

Field #	Variable Description	Template Table	Template Field	User Data	What CAREWare does with the data
<b>System Variables</b>					
SV1	Reporting Period				
SV2	Unique Provider ID				
SV3	Unique Client ID	exp_client	cln_encrypted_UCI	This is generated	

	(UCI)			internally, using the client's name, birth date, and gender.	
<b>Client Demographics</b>					
1	Date of First Service	exp_service	srv_date	Holds the service date for the current record.	CAREWare finds the earliest service date for any given client.
2	Enrollment Status	exp_client	cln_enrollment_status, cln_date_case_closed, cln_vital_status, cln_date_of_death	If the status is anything other than active, user needs to fill in cln_date_case_closed. If client is deceased, cln_vital_status should reflect this and the date of death should be entered in cln_date_of_death.	If vital status is deceased and date of death is before the report end date, then client is reported as deceased. If case closed date is before the report end period, enrollment status given will be reported. If case closed date is after, RSR will report as unknown. If enrollment status is active without a case closed date, it will be reported as active.
3	Date of Death	exp_client	cln_date_of_death	Holds the date of death.	Only used if question 2 is deceased.
4	Client's year of birth	exp_client	cln_dob	Holds the date of birth	Uses this to report year of birth
5	Client's ethnicity	exp_client	cln_hispanic	Set cln_hispanic set to true if client is hispanic	Uses this field to determine ethnicity
6	Client's race	exp_client	cln_race_white, cln_race_black, cln_race_asian, cln_race_pacific, cln_race_indian, cln_race_other, cln_race_unknown	User can set multiple races if needed. Setting true means the client is of that particular race	CAREWare will report each race that is set to true.
7	Client's gender	exp_client	cln_gender	Set code value for gender.	Reports what gender client is.
8	Client's transgender	exp_client	cln_gender	Use gender codes that	Reported only if number 7 is

	type			identify transgender male-to-female, transgender female-to-male, or transgender unknown.	transgender unknown, transgender male-to-female, or transgender female-to-male
9	Client's poverty level	exp_poverty_level_assessment	pvr_lv_household_size, pvr_lv_household_income, pvr_lv_date	Enter integer for household size into pvr_lv_household_size. Enter value for household income into pvr_lv_household_income	Uses the latest values of household size and household income to calculate poverty level for that year.
10	Client's housing status	exp_test	tst_test_definition_code, tst_result, tst_date	Test definition should be "Housing Arrangement"	Reports result based on this value.
11	Client's geographic code	exp_client	cln_zip	Holds client's zip code.	Reports result based on this value.
12	Client's HIV/AIDS status	exp_client	cln_hiv_status, cln_hiv_date, cln_aids_date	Holds HIV status, HIV date, and AIDS date.	CAREWare uses the HIV date and AIDS date to determine the HIV/AIDS status.
13	AIDS diagnosis year	exp_client	cln_aids_date	Holds the AIDS date.	Uses AIDS date to determine if client has CDC-defined AIDS.
14	Client's HIV risk factor	exp_client	cln_risk_msm, cln_risk_idu, cln_risk_hetero, cln_risk_hemo, cln_risk_perinatal, cln_risk_transfusion, cln_risk_other, cln_risk_other_description, cln_risk_unknown	These fields hold the HIV risk factors. The fields are Boolean fields. A single record can have multiple risk factor fields set to true.	Reports all fields that are set to true.
15	Client's health insurance	exp_insurance_assessment	ins_as_ins_tp_private, ins_as_ins_tp_medicare, ins_as_ins_tp_medicaid,	These fields hold the client's insurance type. The fields are Boolean	Reports all fields that are set to true.

			ins_as_ins_tp_other_public, ins_as_ins_tp_no_insurance , ins_as_ins_tp_other, ins_as_ins_tp_unknown	fields. A single record can have multiple insurance fields set to true.	
<b>Core Medical Service Visits</b>					
16-25	Core Service Visits	exp_service	srv_subservice, srv_date	These fields hold code that specifies what type of service and the service date.	The current record is counted if service date is within the report period and subservice is: <ul style="list-style-type: none"> <li>• Outpatient ambulatory health services</li> <li>• Oral health care</li> <li>• Early intervention services (Part A and B)</li> <li>• Home health care</li> <li>• Home and community- based health services</li> <li>• Hospice services</li> <li>• Mental health services</li> <li>• Medical nutrition therapy</li> <li>• Medical case management (including treatment adherence)</li> <li>• Substance abuse services – outpatient</li> <li>• Local AIDS Pharmaceutical Assistance (APA not ADAP)</li> <li>• Health Insurance Program (HIP)</li> </ul>
<b>Core Medical and Support Services Delivered</b>					

25-45	Support Services	exp_service	srv_subservice, srv_date	These fields hold code that specifies what type of service and the service date.	<p>The current record is counted if service date is within the report period and subservice is:</p> <ul style="list-style-type: none"> <li>• Case management (non-medical) services</li> <li>• Child care services</li> <li>• Developmental assessment/early intervention services</li> <li>• Emergency financial assistance</li> <li>• Food bank/home-delivered meals</li> <li>• Health education/risk reduction</li> <li>• Housing services</li> <li>• Legal services</li> <li>• Linguistic services</li> <li>• Legal services</li> <li>• Transportation services</li> <li>• Outreach services</li> <li>• Permanency planning</li> <li>• Psychosocial support services</li> <li>• Referral for health care/support services</li> <li>• Rehabilitation services</li> <li>• Respite care</li> <li>• Substance abuse services – residential</li> </ul>
-------	------------------	-------------	--------------------------	--	---

					<ul style="list-style-type: none"> <li>Treatment adherence counseling</li> </ul>
<b>Clinical Information*</b>					
46	HIV risk counseled	exp_test	tst_test_definition_code, tst_result, tst_date and clinical criteria fields*	Test Definition should be “HIV Risk Reduction Counseling”	Reports result based on this value.
47	First outpatient/ ambulatory care visit	exp_service	srv_subservice, srv_date, plus clinical criteria fields*	Fields hold code that specifies what type of service and the service date. The subservice should equate to an ambulatory outpatient service.	Reports the first ever outpatient/ ambulatory visit for the client, even if it is not within the reporting period.
48	All outpatient/ ambulatory care visits	exp_service	srv_subservice, srv_date, plus clinical criteria fields*	Fields hold code that specifies what type of service and the service date. The subservice should be classified as an ambulatory outpatient service.	Reports all service dates within the report period where the subservice is Outpatient ambulatory health services
49	CD4 counts	exp_test	tst_date, tst_test_definition_code, test_result and clinical criteria fields*	Fields hold the lab date, CD4 test code, and the CD4 result.	Reports test date and result where the test code is for CD4 and date is within RSR report period
50	Viral load counts	exp_test	tst_date, tst_test_definition_code, test_result and clinical criteria fields*	Fields hold the lab date, Viral Load test code, and the Viral Load result.	Reports test date and result where the test code is for Viral load and date is within RSR report period
51	Prescribed PCP prophylaxis during	exp_medication	mdc_indication and clinical criteria fields*	Holds the medication indication. This field	Reports “yes” if there are any medications with indication of OI

	report period			should equate to PCP Prophylaxis.	Prophylaxis; otherwise will report “no”
52	Prescribed HAART	exp_medication, exp_client	mdc_arv_count, mdc_discontinue_reason, mdc_start_date, mdc_end_date, cln_pre_art_reason and clinical criteria fields *	Fields hold the medication arv count, the discontinue reason, the start and end date of the medication, and the pre-art reason.	Gets total ARV count at the end of the report period. If 3 or more, then reported as “yes.” If less than 3, will report the discontinue reason. If no medications found, will report as “No, other reason” or use the pre art reason.
53	Screened for TB during report period	exp_test	tst_date, tst_test_definition_code, test_result and clinical criteria fields *	Fields hold the lab date, TB test code, and the TB result.	If test code is for TST, IGRA, or TB Chest Radiograph and test date is within the RSR report period, it will report “yes” if there are any positive or negative results. If only NMI results exist for the client in the report year, the RSR will report “NMI”; if none of the above criteria are met, the RSR reports “no”
54	Screened for TB since HIV Diagnosis	exp_test, exp_client	tst_date, tst_test_definition_code, test_result, cln_hiv_date and clinical criteria fields *	Fields hold the lab date, TB test code, and the TB result. The cln_hiv_date holds the HIV date of the client.	If test code is for TST, IGRA, or TB Chest Radiograph and test date falls after the HIV date, or if the client ever had a test if no HIV date exists, the RSR will report “yes” if there are any positive or negative results. If only NMI results exist after the HIV diagnosis, the RSR will report “NMI”; if none of the above criteria are met, the RSR reports “no”
55	Screened for syphilis during report period.	exp_test	tst_date, tst_test_definition_code,	Fields hold the lab date, Syphilis test code, and the	For test codes for Syphilis, test dates within the RSR report period,

			test_result, cln_dob and clinical criteria fields *	Syphilis result. User should also add a record for sexual history screening. The cln_dob will hold the client's date of birth.	and clients older than 18 or having a test for sexual screening if younger, the RSR will report "yes" if there are any positive or negative results. If only NMI results exist for the client in the report year, the RSR will report "NMI"; if none of the above criteria are met, the RSR reports "no"
56	Screened for Hepatitis B during report period	exp_test	tst_date, tst_test_definition_code, test_result and clinical criteria fields *	Fields hold the lab date, Hepatitis test code, and the Hepatitis result.	If test code is for HBsAb, HBsAg, HBeAb, HBeAg or HBV(DNA) and test date is before the RSR end date, , the RSR will report "yes" if there are any positive or negative results. If only NMI results exist for the client in the report year, the RSR will report "NMI"; if none of the above criteria are met, the RSR reports "no"
57	Screened for Hepatitis B after HIV diagnosis	exp_test	tst_date, tst_test_definition_code, test_result and clinical criteria fields *	Fields hold the lab date, Hepatitis B test code, and the Hepatitis B result. The cln_hiv_date holds the HIV date of the client.	If test code is for HBsAb, HBsAg, HBeAb, HBeAg or HBV(DNA) and test date falls after the HIV date or if they ever had a test if no HIV date exist, the RSR will report "yes" if there are any positive or negative results. If only NMI results exist for the client in the report year, the RSR will report "NMI"; if none of the above criteria are met, the RSR reports "no"
58	Completed Hepatitis	exp_immunization	imm_definition_code,	Fields hold the vaccine	Reports "yes" when received code

	B vaccine		imm_date, imm_received_code and clinical criteria fields*	date, Hepatitis B vaccine code, and the Hepatitis B received code.	is “yes” when client had an immunization for the 3 <sup>rd</sup> Hepatitis B vaccine or the 3 <sup>rd</sup> TwinRx vaccine and the immunization date is before the end date of the report period.
59	Screened for Hepatitis C during report period	exp_test	tst_date, tst_test_definition_code, test_result and clinical criteria fields*	Fields hold the lab date, Hepatitis C test code, and the Hepatitis C result.	If test code is for Hepatitis C or HCV RNA, and test date is before the RSR end date, the RSR reports “yes” if there are any positive or negative results. If only NMI results exist for the client in the report year, the RSR will report “NMI”; if none of the above criteria are met, the RSR reports “no”
60	Screened for Hepatitis C after HIV diagnosis	exp_test, exp_client	tst_date, tst_test_definition_code, test_result and clinical criteria fields*	Fields hold the lab date, Hepatitis C test code, and the Hepatitis C result. The cln_hiv_date holds the HIV date of the client.	If test code is for Hepatitis C or HCV RNA, and test date falls after the HIV date or if the client ever had a test in cases where no HIV date exists, the RSR reports “yes” if there are any positive or negative results. If only NMI results exist for the client in that case, the RSR will report “NMI”; if none of the above criteria are met, the RSR reports “no”
61	Screened for substance use	exp_test, exp_client	tst_date, tst_test_definition_code, test_result and clinical criteria fields*	Fields hold the lab date, Substance Abuse test code, and the Substance abuse result.	Reports result based on this value
62	Screened for mental	exp_test,	tst_date,	Fields hold the lab date,	Reports results based on this value

	health	exp_client	tst_test_definition_code, test_result and clinical criteria fields*	Mental Health test code, and the Mental Health result.	
63	Received Pap smear during report period	exp_test, exp_client	tst_date, tst_test_definition_code, test_result, cln_gender, cln_hiv_status and clinical criteria fields*	Fields hold the lab date, Pap Smear test code, and the Pap Smear result. The gender field should hold the code for female.	If test code is for Pap Smear, gender is female, HIV status is not unknown or negative, and test date is before the RSR end date, the RSR reports “yes” if there are any positive or negative results. If only NMI results exist for the client in the report year, the RSR will report “NMI”; if none of the above criteria are met, the RSR reports “no”
64	Client is Pregnant during report period	exp_pregnancy, exp_client	prg_est_conception_date, srv_subservice, srv_date, cln_hiv_status and clinical criteria fields*	Fields hold the estimated conception date. The gender field should hold the code for female.	The RSR reports “yes” if gender is female, HIV status is not unknown or negative and the conception date is within the report period.
65	Received prenatal care	exp_pregnancy	prg_pn_care_date and clinical criteria fields*	Field holds the prenatal care date.	The RSR groups the dates by Trimester
66	Prescribed antiretroviral therapy	exp_medication	mdc_arv_count, prg_est_conception_date and clinical criteria fields*	ARV count is used to determine whether any medication is antiretroviral. The conception date determines whether the client is pregnant.	The RSR checks whether or not client had meds with ARV count greater than 0.

\* The Clinical Information (fields 44-66) is only populated for clients whose HIV status is not negative or unknown and who have at least one ambulatory outpatient service. The PDI fields used in the evaluation of these criteria are srv\_subservice, srv\_date, cln\_hiv\_status, cln\_hiv\_date, and cln\_aids\_date.