

# SSVF Data Quality Summary Report Documentation

FY 2023 (updated January 2023)

## Table of Contents

1	Social Security Number (SSN)	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
2	Veteran SSN	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
3	Date of Birth	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
4	Gender	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
5	Race	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
6	Ethnicity	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
7	Client Location - CoC Code	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
8	-Removed-		
9	HP Targeting Criteria	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
10	DV Status Missing	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
11	Veteran Status	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
12	Last Grade Completed	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
13	Employed	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
14	Living Situation	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
15	Homeless HP	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
16	Housed RRH	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
17	Disabling Condition	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
18	Homeless Date Missing	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
19	Months Homeless Missing	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
20	Times Homeless Missing	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
21	SOAR Entry	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
22	Missing Income at Entry	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
23	Missing Income Amount at Entry	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
24	Incorrect Income Amount at Entry	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
25	Missing Benefits at Entry	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
26	Missing Health Insurance at Entry	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
27	Very High Income at Entry	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
28	Missing Destination	<a href="#">Technical</a>	<a href="#">Non-Technical</a>

29	Missing Move In Date (RRH Only)	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
30	SOAR Exit	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
31	Missing Income at Exit	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
32	Missing Income Amount at Exit	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
33	Incorrect Income Amount at Exit	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
34	Missing Benefits at Exit	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
35	Missing Health Insurance at Exit	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
36	Very High Income at Exit	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
37	Veteran with missing OEF	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
38	Veteran with missing OIF	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
39	Veteran with missing OND	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
40	Veteran with missing Military Branch	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
41	Veteran with missing Discharge Status	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
42	No Veteran in Household	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
43	No Head of Household	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
44	Multiple Heads of Household	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
45	Veteran Under 18	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
46	Duplicate Enrollment Detected	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
47	-Removed-		
48	-Removed-		
49	Over One Year Between Project Start and Housing Move-In	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
50	Housing Move-In After Project Exit	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
51	Housing Move-In Before Project Start	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
52	Project Exit Before Project Start	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
53	Same Personal ID Different DOB	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
54	Older than 99	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
55	Child Over 50	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
56	CoC Code Not Correct	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
57	HP TFA Low	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
58	HP TFA High	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
59	RRH TFA Low	<a href="#">Technical</a>	<a href="#">Non-Technical</a>
60	RRH TFA High	<a href="#">Technical</a>	<a href="#">Non-Technical</a>

## Part 1: How to Understand the Data Quality Summary Report

Below is a table of the data checks found in the Data Quality Summary Report. Below are the definitions of the categories used in the table:

- **Field:** This is the name of the data quality check.
- **Records:** Identifies which client records are included in the check.
- **Issues:** Identifies which client records would cases an issue to be flagged.
- **Issue Type**
  - **Error:** Indicates that *all* of the issues found need to be fixed to meet SSVF requirements. For example, for a Veteran to be enrolled in SSVF, they must provide a valid Social Security Number (SSN) to the grantee. Therefore, all missing or invalid Veteran SSNs would be counted as errors.
  - **Warning:** Indicates *possible issues* with submitted data.
    - Generally, SSVF expects a 95% score for each of these checks, such as Gender, Race/Ethnicity, and OEF/OIF/OND Veteran status. The expectation is not 100% as it is understandable the some clients will not know or refuse to answer some of these questions.
    - There are other warnings that indicate possible issues as a flag to grantees. For example, the “Over One Year Between Project Start and Housing Move-In” check lets grantees know how many clients have been enrolled for 1 or more years before moving into housing. This may be accurate or a data entry issue (with the entry or exit date). Accurate data should not be updated.
- **CSV File Location:** Indicates the CSV file(s) associated with the check.

#	Field	Records	Issues	Issue Type	CSV File Location
1	Social Security Number (SSN)	Count all client records	Count all missing/invalid SSNs	Warning	Client.csv
2	Veteran SSN	Count all veteran records	Count all missing/invalid SSNs	Error	Client.csv
3	Date of Birth	Count all client records	Count all missing/invalid DOBs	Warning	Client.csv
4	Gender	Count all client records	Count all missing/invalid Gender	Warning	Client.csv

#	Field	Records	Issues	Issue Type	CSV File Location
5	Race	Count all client records	Count all missing/invalid AmIndAKNative Asian BlackAfAmerican NativeHIOtherPacific White RaceNone	Warning	Client.csv
6	Ethnicity	Count all client records	Count all missing/invalid Ethnicity	Warning	Client.csv
7	Client Location - CoC Code	Count all HOH at Entry	Count all missing/invalid CoCCode Add difference between HOH count and HHID count	Error	EnrollmentCoC.csv
8	Removed				
9	HP Targeting Criteria	Count all HP HOH at Entry	Count all missing/invalid HPScreeningScore	Warning	Enrollment.csv
10	DV Status Missing	Count all HoH and adults at Entry	Count all missing/invalid DomesticViolenceVictim	Warning	HealthandDV.csv
11	Veteran Status	Count all adult records	Count all missing/invalid VeteranStatus	Error	Client.csv
12	Last Grade Completed	Count all HOH and adults at Entry	Count all missing/invalid LastGradeCompleted	Warning	EmploymentEducation.csv
13	Employed	Count all HOH and adults at Entry	Count all missing/invalid Employed	Warning	EmploymentEducation.csv
14	Living Situation	Count all HOH and adults at Entry	Count all missing/invalid LivingSituation	Error	Enrollment.csv
15	Homeless HP	Count all HP HOH and adults at Entry	Count all "homeless" LivingSituation (1,16,18)	Warning	Enrollment.csv
16	Housed RRH	Count all RRH HOH and	Count all not homeless LivingSituation (29,14,36,35,28,19,3,31,33,	Warning	Enrollment.csv, HealthandDV.csv

#	Field	Records	Issues	Issue Type	CSV File Location
		adults at Entry	34,10,20,21,11)) and DomesticViolenceVictim does not equal "Yes"		
17	Disabling Condition	Count all at Entry	Count all missing/invalid DisablingCondition	Warning	Enrollment.csv
18	Homeless Date Missing (for those from Streets/ES/S H)	Count all RRH HOH and adults at Entry	Count all missing/invalid DateToStreetESSH	Warning	Enrollment.csv
19	Months Homeless Missing (for those from ES/Streets)	Count all RRH HOH and adults at Entry	Count all missing/invalid MonthsHomeless PastThreeYears	Warning	Enrollment.csv
20	Times Homeless Missing (for those from ES/Streets)	Count all RRH HOH and adults at Entry	Count all missing/invalid TimesHomeless PastThreeYears	Warning	Enrollment.csv
21	SOAR Entry	Count all HOH and adults at Entry	Count all missing/invalid ConnectionWithSOAR (DataCollectionStage=1)	Warning	IncomeBenefits.csv
22	Missing Income at Entry	Count all HOH and adults at Entry	Count all missing/invalid IncomefromAnySource (DataCollectionStage=1)	Error	IncomeBenefits.csv
23	Missing Income Amount at Entry	Count all HOH and adults at Entry	Count all missing/invalid TotalMonthlyIncome (DataCollectionStage=1)	Error	IncomeBenefits.csv
24	Incorrect Income Amount at Entry	Count all HOH and adults at Entry	Count all TotalMonthly Income compared to sum of income source amounts that aren't equal (DataCollectionStage=1)	Error	IncomeBenefits.csv
25	Missing Benefits at Entry	Count all HOH and adults at Entry	Count all missing/invalid BenefitsFromAnySource (DataCollectionStage=1)	Warning	IncomeBenefits.csv

#	Field	Records	Issues	Issue Type	CSV File Location
26	Missing Health Insurance at Entry	Count all clients at Entry	Count all missing/invalid InsuranceFromAnySource (DataCollectionStage=1)	Warning	IncomeBenefits.csv
27	Very High Income at Entry	Count all HOH and adults at Entry	Count all TotalMonthlyIncome greater than \$5000 (DataCollectionStage=1)	Warning	IncomeBenefits.csv
28	Missing Destination	Count all clients at Exit	Count all missing/invalid Destination	Warning	Exit.csv
29	Missing Move In Date (RRH Only)	Count all RRH HOH at PH Exit	Count total number of HH exits to PH with no valid Housing Move-In	Error	Exit.csv + Enrollment.csv
30	SOAR Exit	Count all HOH and adults at Exit	Count all missing/invalid ConnectionWithSOAR (DataCollectionStage=3)	Warning	IncomeBenefits.csv
31	Missing Income at Exit	Count all HOH and adults at Exit	Count all missing/invalid IncomefromAnySource (DataCollectionStage=3)	Warning	IncomeBenefits.csv
32	Missing Income Amount at Exit	Count all HOH and adults at Exit	Count all missing/invalid TotalMonthlyIncome (DataCollectionStage=3)	Warning	IncomeBenefits.csv
33	Incorrect Income Amount at Exit	Count all HOH and adults at Exit	Count all TotalMonthly Income compared to sum of income source amounts that aren't equal (DataCollectionStage=3)	Error	IncomeBenefits.csv
34	Missing Benefits at Exit	Count all HOH and adults at Exit	Count all missing/invalid BenefitsFromAnySource (DataCollectionStage=3)	Warning	IncomeBenefits.csv
35	Missing Health Insurance at Exit	Count all clients at Exit	Count all missing/invalid InsuranceFromAnySource (DataCollectionStage=3)	Warning	IncomeBenefits.csv
36	Very High Income at Exit	Count all HOH and adults at Exit	Count all TotalMonthlyIncome greater than \$5000 (DataCollectionStage=3)	Warning	IncomeBenefits.csv
37	Veteran with missing	Count all veterans	Count all missing/invalid AfghanistanOEF	Error	Client.csv

#	Field	Records	Issues	Issue Type	CSV File Location
	Operation Enduring Freedom				
38	Veteran with missing Operation Iraqi Freedom	Count all veterans	Count all missing/invalid IraqOIF	Error	Client.csv
39	Veteran with missing Operation New Dawn	Count all veterans	Count all missing/invalid IraqOND	Error	Client.csv
40	Veteran with missing Military Branch	Count all veterans	Count all missing/invalid MilitaryBranch	Error	Client.csv
41	Veteran with missing Discharge Status	Count all veterans	Count all missing/invalid DischargeStatus	Error	Client.csv
42	No Veteran in Household	Count all Households	Count of HHID where no member of the HH is Veteran	Warning	Client.csv + Enrollment.csv
43	No Head of Household	Count all Households	Count of HHID where no member of the HH is HOH (RelationshiptoHOH = 1)	Error	Enrollment.csv
44	Multiple Heads of Household	Count all Households	Count of HHID where more than one member of the HH is HOH (RelationshiptoHOH = 1)	Error	Enrollment.csv
45	Veteran Under 18	Count all veterans	Count where (EntryDate minus DOB) < 6570 days	Error	Client.csv
46	Duplicate Enrollment Detected	Count all client records	Count of clients simultaneously enrolled in two or more SSVF project types.	Error	Enrollment.csv
47	-removed-				
48	-removed-				
49	Over One Year Between Project Start and Housing Move-In	Count all RRH HOH and adults at Entry	Count of RRH HOH and adults where MoveInDate minus EntryDate > 366 days	Warning	Enrollment.csv

#	Field	Records	Issues	Issue Type	CSV File Location
50	Housing Move-In After Project Exit	Count all RRH HOH and adults at Entry	Count of RRH HOH and adults where MoveInDate falls after ExitDate	Error	Enrollment.csv + Exit.csv
51	Housing Move-In Before Project Start	Count all RRH HOH and adults at Entry	Count of RRH HOH and adults where EntryDate falls after EntryDate	Error	Enrollment.csv
52	Project Exit Before Project Start	Count all client records	Count of RRH HOH and adults where EntryDate falls after ExitDate	Error	Enrollment.csv + Exit.csv
53	Same Personal ID Different DOB	Count all client records	Count of PersonalID with two or more different Dates of Birth	Error	Client.csv
54	Older Than 99	Count all client records	Count where age at Entry was greater than 99 years old	Warning	Client.csv + Enrollment.csv
55	Client in household is listed as a child of the head of household AND is over 50 years old	Count all client records	Count where Head of Household's Child's age at Entry was greater than 50 years old	Warning	Client.csv + Enrollment.csv
56	CoC Code Not Correct	Count all client records	CoCCode in file is compared to the correct format for CoC Codes (two letter state dash three number code) assigned by HUD <a href="#">here</a>	Error	EnrollmentCoC.csv
57	HP TFA Low	HP HOH at Entry	HP TFA sum divided by total count of Households (average TFA per HH) is under \$1,110	Warning	Services.csv
58	HP TFA High	HP HOH at Entry	HP TFA sum divided by total count of Households (average TFA per HH) is over \$12,000	Warning	Services.csv
59	RRH TFA Low	RRH HOH at Entry	RRH TFA sum divided by total count of Households	Warning	Services.csv



#	Field	Records	Issues	Issue Type	CSV File Location
			(average TFA per HH)is under \$700		
60	RRH TFA High	RRH HOH at Entry	RRH TFA sum divided by total count of Households (average TFA per HH) is over \$11,000	Warning	Services.csv

## Part 2: SQL Code for Data Quality Summary Report

GO

```
/****** Object: StoredProcedure [dbo].[GetDQSummary] Script Date: 04/24/2018 09:23:37 *****/  
SET ANSI_NULLS ON
```

GO

```
SET QUOTED_IDENTIFIER ON
```

GO

```
CREATE PROC [dbo].[GetDQSummary]
```

```
(
```

```
    @fileID varchar(15)
```

```
)
```

```
AS
```

```
BEGIN
```

```
if object_id('#dq') is not null drop table #dq
```

```
DECLARE @DQSummary TABLE
```

```
(
```

```
    Field varchar(255)
```

```
    , Checked varchar(255)
```

```
    , Records int
```

```
    , Issues int
```

```
    , Score VARCHAR(255)
```

```
)
```

```
declare @gstart datetime, @gend datetime
```

```
--set date parameters for report - dynamic based on current fiscal year
```

```
select @gstart = cast('10/1/' + case
```

```
when datepart(mm, getdate()) in (11, 12) then cast(datepart(yyyy, getdate()) as varchar)
```

```
else cast(datepart(yyyy, getdate())-1 as varchar) end as date)
```

```
--last day in previous month
```

```
select @gend = dateadd(day, -1, (dateadd(month, datediff(month, 0, getdate()), 0)))
```

```
select distinct
```

```
Net = (select count(distinct n.PersonalID)
```

```
from td_Enrollment n
```

```
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
```

```
and p.ProjectType in (12,13)
```

```
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
```

```
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
```

```
and n.file_id = f.file_id)
```

```

--Total number of heads of household -- these are HoH entries and not individuals.
, HHHeads = (select count(distinct n.EnrollmentID)
             from td_Enrollment n
             inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
             and p.ProjectType in (12,13)
             left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
             where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
and n.file_id = f.file_id
             and n.RelationshipToHoH = 1)

--Total HP HoH to check screening criteria -- these are HoH entries and not individuals
, HPHoH = (select count(distinct n.EnrollmentID)
           from td_Enrollment n
           inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
           and p.ProjectType = 12
           left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
           where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
           and n.file_id = f.file_id and n.RelationshipToHoH = 1)

--Total number of persons who were 18 or older (i.e., adults) as of a project entry date.
, Adults = (select count(distinct c.PersonalID)
           from td_Enrollment n
           inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
           and p.ProjectType in (12,13)
           inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
           left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
           where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
           and n.file_id = f.file_id and dateadd(yy, 18, c.dob) <= n.EntryDate)
, AllEntries = (select count(distinct n.EnrollmentID)
               from td_Enrollment n
               left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
               where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
and n.file_id = f.file_id)

--Total number of project entries for adults.
, AdultEntries = (select count(distinct n.EnrollmentID)
                 from td_Enrollment n
                 inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
                 and p.ProjectType in (12,13)
                 inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
                 left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
                 where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
                 and n.file_id = f.file_id
                 and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1))

--Total number of project exits
, AllExits = (select count(distinct n.EnrollmentID)
             from td_Enrollment n
             inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
             and p.ProjectType in (12,13)
             inner join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
             where x.ExitDate between @gstart and @gend)

```

and n.file\_id = f.file\_id)

**--Total number of project entries for HoH + adults served in HP.**

```
, HPAdults = (select count(distinct n.EnrollmentID)
  from td_Enrollment n
  inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
  and p.ProjectType = 12
  inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
  left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
  where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
  and n.file_id = f.file_id
  and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1))
```

**--Total number of project entries for HoH + adults served in RRH.**

```
, RRHAdults = (select count(distinct n.EnrollmentID)
  from td_Enrollment n
  inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
  and p.ProjectType = 13
  inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
  left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
  where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
  and n.file_id = f.file_id
  and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1))
```

**--Total number of project exits for adults.**

```
, AdultExits = (select count(distinct n.EnrollmentID)
  from td_Enrollment n
  inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
  and p.ProjectType in (12,13)
  inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
  inner join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
  where x.ExitDate between @gstart and @gend
  and n.file_id = f.file_id
  and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1))
```

**--Total number of veterans served in the report range.**

```
, Veterans = (select count(distinct c.PersonalID)
  from td_Enrollment n
  inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
  and p.ProjectType in (12,13)
  inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
  left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
  where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
  and n.file_id = f.file_id
  and c.VeteranStatus = 1)
```

**--Total number of household entries in the report range.**

```
, HHEntries = (select count(distinct n.HouseholdID)
  from td_Enrollment n
  left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
  inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
  and p.ProjectType in (12,13)
  where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
```

```

        and n.file_id = f.file_id)
--RRH exits to permanent housing - used to check for missing MoveInDates
, RRHExitToPH = (select count(distinct n.EnrollmentID)
    from td_Enrollment n
    inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
        and p.ProjectType = 13
    inner join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
    where x.ExitDate between @gstart and @gend
        and n.file_id = f.file_id
        and n.RelationshipToHoH = 1 and x.Destination in
(3,31,26,28,19,20,21,10,11,22,23))

```

**--Counts all clients with missing / invalid SSNs.**

**--Parameters for invalid SSNs are based on Social Security Administration conventions and CSV specs.**

```

, 1. SSN = (select count(distinct c.PersonalID)
    from td_Enrollment n
    inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
        and p.ProjectType in (12,13)
    inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
    left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
    where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
        and c.file_id = f.file_id
        and (SUBSTRING(c.SSN,1,3) in ('000','666')
            or SUBSTRING(c.SSN,4,2) = '00'
            or SUBSTRING(c.SSN,6,4) = '0000'
            or SUBSTRING(c.SSN,10,1) = 'P'
            or LEN(c.SSN) < 6
            or c.SSN is null
            or c.SSN = ''
            or c.SSN Like '%[A-Z]%'
            or c.SSN Like '%[-*]%'
            or left(c.SSN,3) >= '900'
            or c.SSN in
('123456789','111111111','222222222','333333333','444444444'
, '555555555','666666666','777777777','888888888','999999999'))

```

**--Counts all Vets with missing / invalid SSNs.**

**--Parameters for invalid SSNs are based on Social Security Administration conventions and CSV specs.**

```

, 2. VetSSN = (select count(distinct c.PersonalID)
    from td_Enrollment n
    inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
        and p.ProjectType in (12,13)
    inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
    left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
    where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
        and c.file_id = f.file_id

```

```

and c.VeteranStatus = 1
and coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
and (SUBSTRING(c.SSN,1,3) in ('000','666')
    or SUBSTRING(c.SSN,4,2) = '00'
    or SUBSTRING(c.SSN,6,4) = '0000'
    or SUBSTRING(c.SSN,10,1) = 'P'
    or LEN(c.SSN) < 6
    or c.SSN is null
    or c.SSN = ''
    or c.SSN Like '%[A-Z]%'
    or c.SSN Like '%[-*]%'
    or left(c.SSN,3) >= '900'
    or c.SSN in
('123456789','111111111','222222222','333333333','444444444'
, '555555555','666666666','777777777','888888888','999999999'))

```

**--Counts all clients with missing / invalid DOBs, including those in the future or too far in the past to be valid.**

```

,3. DOB = (select count(distinct c.PersonalID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
and p.ProjectType in (12,13)
inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
and c.file_id = f.file_id
and (c.DOB <='10/10/1910' or c.DOB is null or c.DOB > n.EntryDate
or c.DOBDataQuality not in (1,2)))

```

**--Counts all clients with missing / invalid Gender.**

```

,4. Gender = (select count(distinct c.PersonalID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
and p.ProjectType in (12,13,14,6)
inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
and c.file_id = f.file_id
and (c.female = 0
and c.male = 0
and c.NoSingleGender = 0
and c.Transgender = 0
and c.Questioning = 0
and c.GenderNone in (8,9,99)))

```

**--Counts all clients without at least one of the five races identified.**

```

, 5. Race = (select count(distinct c.PersonalID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
and p.ProjectType in (12,13)

```

```

inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
      and c.file_id = f.file_id
      and coalesce(c.AmIndAKNative,0) + coalesce(c.Asian,0) +
coalesce(c.BlackAfAmerican,0) + coalesce(c.NativeHIOtherPacific,0)
      + coalesce(c.White,0) = 0
--Counts all clients with missing / invalid Ethnicity.
, 6.Ethnicity = (select count(distinct c.PersonalID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
      and p.ProjectType in (12,13)
inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
      and n.file_id = f.file_id
      and (c.Ethnicity not in (0,1) or c.Ethnicity is null))
--Counts all enrollments for heads of household entries where there is no CoC Code at project
entry. IF each household has an identified
--head of household, this will be the total number of errors.
--If there are HouseholdIDs without an identified head of household, that number will be
added to this number to get the total
--number of missing values.
,7. NoCoC = (select count(distinct n.EnrollmentID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
      and p.ProjectType in (12,13)
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
left outer join td_EnrollmentCoC ec on ec.EnrollmentID = n.EnrollmentID and
ec.DataCollectionStage = 1
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
      and n.file_id = f.file_id
      and n.RelationshipToHoH = 1 and ec.CoCCode is null)

,9. HPTargeting = (select count(distinct n.EnrollmentID)
from td_Enrollment n
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
      and p.ProjectType = 12
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
      and n.file_id = f.file_id
      and n.RelationshipToHoH = 1 and n.HPScreeningScore is null)

, --Counts all enrollments for HOH and adults where there is no DV Status at project entry
--10. DV Status Missing
, DVStatus = (select count(distinct n.EnrollmentID)
from td_Enrollment n

```

```

inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id and
p.ProjectType in (12,13)
inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
left outer join td_HealthandDV h on h.EnrollmentID = n.EnrollmentID
and h.DataCollectionStage = 1 and h.file_id = n.file_id
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
and c.file_id = f.file_id and n.file_id = h.file_id
and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1)
and (h.DomesticViolenceVictim in (8,9,99) or h.DomesticViolenceVictim is null))

```

**--Counts the total number of adults with missing / invalid VeteranStatus.**

**--This may undercount the total number of missing values because it excludes clients without a DOB.**

```

, 11. VetStatus = (select count(distinct c.PersonalID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
and p.ProjectType in (12,13)
inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
and c.file_id = f.file_id
and dateadd(yy, 18, c.dob) <= n.EntryDate
and (c.VeteranStatus not in (0,1) or c.VeteranStatus is null))

```

```

,12. LastGrade = (select count(distinct n.EnrollmentID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
and p.ProjectType in (12,13)
inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
left outer join td_EmploymentEducation ee on ee.EnrollmentID = n.EnrollmentID
and ee.DataCollectionStage = 1
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
and n.file_id = f.file_id and n.file_id = ee.file_id
and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1)
and (ee.LastGradeCompleted in (8,9,99) or ee.LastGradeCompleted is null))

```

**--13. Missing Employment**

```

, Employed = (select count(distinct n.EnrollmentID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
and p.ProjectType in (12,13)
inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
left outer join td_EmploymentEducation ee on ee.EnrollmentID = n.EnrollmentID
and ee.DataCollectionStage = 1 and ee.file_id = n.file_id
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
and n.file_id = f.file_id and n.file_id = ee.file_id
and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1)

```



and (ee.Employed in (8,9,99) or ee.Employed is null))

**--Counts the total number of enrollments for adults with missing / invalid LivingSituation.**

```
, 14.LivingSituation = (select count(distinct n.EnrollmentID)
  from td_Enrollment n
  inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
  and p.ProjectType in (12,13)
  inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
  left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
  where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
  and n.file_id = f.file_id
  and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1)
  and (n.LivingSituation in (8,9,99) or n.LivingSituation is null))
```

**--Counts enrollments for adults in an HP project with a residence prior to project entry that is unequivocally homeless.**

**--Not included in error count / score at this time, but critical that grantees review.**

```
, 15.HomelessHP = (select count(distinct n.EnrollmentID)
  from td_Enrollment n
  inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
  and p.ProjectType = 12
  inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
  left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
  where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
  and n.file_id = f.file_id
  and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1)
  and n.LivingSituation in (1,16,18))
```

**--Counts enrollments for adults in an RRH project with a residence prior to project entry that is unequivocally NOT homeless.**

**--Not included in error count / score at this time, but critical that grantees review.**

```
, 16. HousedRRH = (select count(distinct n.EnrollmentID)
  from td_Enrollment n
  inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
  and p.ProjectType = 13
  inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
  left outer join td_HealthandDV dv on dv.enrollmentid = n.enrollmentid and dv.file_id =
n.fileid and dv.datacollectionstage = 1
  left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
  where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
  and n.file_id = f.file_id
  and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1)
  and n.LivingSituation in (29,14,36,35,28,19,3,31,33,34,10,20,21,11))
  and dv.DomesticViolenceVictim <> 1
```

**--Counts the total number of enrollments for adults with missing / invalid values for listed fields**

```
, 17.DisablingCond = (select count(distinct n.EnrollmentID)
  from td_Enrollment n
```

```

inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
and p.ProjectType in (12,13)
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
and n.file_id = f.file_id
and (n.DisablingCondition not in (0,1) or n.DisablingCondition is null))

```

**--For people coming from Street/ES/SH (including prior to short institutional stay) -- checks for  
--missing Approximate Date Started / DateToStreetESSH**

```

, 18.HomelessDate = (select count(distinct n.EnrollmentID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
and p.ProjectType = 13
inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
and n.file_id = f.file_id
and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1)
and ((n.LivingSituation in (1,16,18))
or (LivingSituation in (4,5,6,7,15,24) and LengthOfStay in (10,11,2,3)
and PreviousStreetESSH = 1))
and (n.DateToStreetESSH is null or n.DateToStreetESSH > n.EntryDate or
n.DateToStreetESSH <= '1910-01-01'))

```

```

, 19.MonthsHomeless = (select count(distinct n.EnrollmentID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
and p.ProjectType = 13
--Only checked for RRH because data standards have no valid answer for HP
w/no hx of homelessness

```

```

and p.ProjectType = 13
inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
and n.file_id = f.file_id
and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1)
and (n.MonthsHomelessPastThreeYears in (8,9,99) or
n.MonthsHomelessPastThreeYears is null)

```

```

, 20.TimesHomeless = (select count(distinct n.EnrollmentID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
and p.ProjectType in (12,13)
--Only checked for RRH because data standards have no valid answer for HP
w/no hx of homelessness

```

```

and p.ProjectType in (12,13)
inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
and n.file_id = f.file_id
and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1)

```

and (n.TimesHomelessPastThreeYears in (8,9,99) or  
n.TimesHomelessPastThreeYears is null)  
and p.ProjectType = 13)

, 21.SOAREntry = (select count(distinct n.EnrollmentID)  
from td\_Enrollment n  
inner join td\_Project p on p.ProjectID = n.ProjectID and p.file\_id = n.file\_id  
and p.ProjectType in (12,13)  
inner join td\_client c on c.PersonalID = n.PersonalID and c.file\_id = n.file\_id  
left outer join td\_Exit x on x.EnrollmentID = n.EnrollmentID and x.file\_id = n.file\_id  
left outer join td\_IncomeBenefits ie on ie.file\_id = n.file\_id and ie.EnrollmentID =  
n.EnrollmentID and ie.DataCollectionStage = 1  
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend  
and n.file\_id = f.file\_id  
and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1)  
and (ie.ConnectionWithSOAR not in (0,1) or ie.ConnectionWithSOAR is null))

**--Counts the total number of enrollments for adults with missing / invalid values for Income from Any Source at project entry.**

, 22.AnyIncomeEntry = (select count(distinct n.EnrollmentID)  
from td\_Enrollment n  
inner join td\_Project p on p.ProjectID = n.ProjectID and p.file\_id = n.file\_id  
and p.ProjectType in (12,13)  
inner join td\_client c on c.PersonalID = n.PersonalID and c.file\_id = n.file\_id  
left outer join td\_Exit x on x.EnrollmentID = n.EnrollmentID and x.file\_id = n.file\_id  
left outer join td\_IncomeBenefits ie on ie.file\_id = n.file\_id and ie.EnrollmentID =  
n.EnrollmentID and ie.DataCollectionStage = 1  
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend  
and n.file\_id = f.file\_id  
and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1)  
and (ie.IncomeFromAnySource in (8,9,99) or ie.IncomeFromAnySource is null))

**--Counts the total number of enrollments for adults where Income from Any Source at project entry is 'Yes', but**

**--Total Monthly Income is either \$0 or is missing.**

, 23.MonthlyIncomeEntry = (select count(distinct n.EnrollmentID)  
from td\_Enrollment n  
inner join td\_Project p on p.ProjectID = n.ProjectID and p.file\_id = n.file\_id  
and p.ProjectType in (12,13)  
inner join td\_client c on c.PersonalID = n.PersonalID and c.file\_id = n.file\_id  
left outer join td\_Exit x on x.EnrollmentID = n.EnrollmentID and x.file\_id = n.file\_id  
left outer join td\_IncomeBenefits ie on ie.file\_id = n.file\_id and ie.EnrollmentID =  
n.EnrollmentID and ie.DataCollectionStage = 1  
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend  
and n.file\_id = f.file\_id  
and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1)  
and ie.IncomeFromAnySource = 1  
and (ie.TotalMonthlyIncome is null or ie.TotalMonthlyIncome <= 0.0))

**--Total number of enrollments where the sum of income source amounts is not equal to the total monthly income amount at project entry.**

```
, 24.TotalVsSrcEntry = (select count(distinct n.EnrollmentID)
    from td_Enrollment n
    inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
        and p.ProjectType in (12,13)
    inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
    left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
    inner join td_IncomeBenefits ie on ie.file_id = n.file_id and ie.EnrollmentID =
n.EnrollmentID and ie.DataCollectionStage = 1
    where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
        and n.file_id = f.file_id
        and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1)
    and (coalesce(ie.AlimonyAmount, 0.0) + coalesce(ie.ChildSupportAmount, 0.0) +
coalesce(ie.EarnedAmount, 0.0)
    + coalesce(ie.GAAmount, 0.0) + coalesce(ie.OtherIncomeAmount, 0.0) +
coalesce(ie.PensionAmount, 0.0)
    + coalesce(ie.PrivateDisabilityAmount, 0.0) + coalesce(ie.SSDIAmount, 0.0) +
coalesce(ie.SSIAmount, 0.0)
    + coalesce(ie.SocSecRetirementAmount, 0.0) + coalesce(ie.TANFAmount, 0.0) +
coalesce(ie.UnemploymentAmount, 0.0)
    + coalesce(ie.VADisabilityNonServiceAmount, 0.0) + coalesce(ie.VADisabilityServiceAmount,
0.0)
    + coalesce(ie.WorkersCompAmount, 0.0)) <> coalesce(ie.totalmonthlyincome, 0.0))
```

**--Counts the total number of enrollments for adults with missing / invalid values for Benefits from Any Source at project entry.**

```
, 25.AnyBenefitsEntry = (select count(distinct n.EnrollmentID)
    from td_Enrollment n
    inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
        and p.ProjectType in (12,13)
    inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
    left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
    left outer join td_IncomeBenefits ie on ie.file_id = n.file_id and ie.EnrollmentID =
n.EnrollmentID and ie.DataCollectionStage = 1
    where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
        and n.file_id = f.file_id
        and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1)
        and (ie.BenefitsFromAnySource in (8,9,99) or ie.BenefitsFromAnySource is null))
```

**--Counts the total number of enrollments with missing / invalid values for Insurance from Any Source at project entry.**

```
, 26.AnyInsuranceEntry = (select count(distinct n.EnrollmentID)
    from td_Enrollment n
    inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
        and p.ProjectType in (12,13)
    inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
```

```

left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
left outer join td_IncomeBenefits ie on ie.file_id = n.file_id and ie.EnrollmentID =
n.EnrollmentID and ie.DataCollectionStage = 1
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
and n.file_id = f.file_id
and (ie.InsuranceFromAnySource in (8,9,99) or ie.InsuranceFromAnySource is
null))

```

**--Counts the total number of enrollments for adults where Total Monthly Income exceeds \$5000.**

```

, 27.HighIncomeEntry = (select count(distinct n.EnrollmentID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
and p.ProjectType in (12,13)
inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
inner join td_IncomeBenefits ie on ie.file_id = n.file_id and ie.EnrollmentID =
n.EnrollmentID and ie.DataCollectionStage = 1
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
and n.file_id = f.file_id
and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1)
and (ie.TotalMonthlyIncome > 5000.0))

```

**--Counts the total number of exits missing / invalid values for Destination.**

```

, 28.Destination = (select count(distinct n.EnrollmentID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
and p.ProjectType in (12,13)
inner join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where x.ExitDate between @gstart and @gend
and n.file_id = f.file_id
and (x.Destination in (8,9,30,99) or x.Destination is null))

```

**--Counts the total number of HoH exits to permanent housing with no valid MoveInDate.**

```

, 29.MoveInDate = (select count(distinct n.EnrollmentID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
and p.ProjectType = 13
inner join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where x.ExitDate between @gstart and @gend
and n.file_id = f.file_id
and n.RelationshipToHoH = 1
and (x.Destination in (3,31,26,28,19,20,21,10,11,22,23))
and (n.MoveInDate is null or n.MoveInDate < n.EntryDate or n.MoveInDate >
x.ExitDate))

```

**--Income and benefits at exit -- aside from the data collection stage, logic is the same as at entry.**

```
, 30.SOARExit = (select count(distinct n.EnrollmentID)
  from td_Enrollment n
  inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
    and p.ProjectType in (12,13)
  inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
  inner join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
  left outer join td_IncomeBenefits ix on ix.EnrollmentID = n.EnrollmentID and
ix.DataCollectionStage = 3
  where x.ExitDate between @gstart and @gend
    and n.file_id = f.file_id
    and (dateadd(yy, 18, c.dob) <= x.ExitDate or n.RelationshipToHoH = 1)
    and (ix.ConnectionWithSOAR not in (0,1) or ix.ConnectionWithSOAR is null))

, 31.AnyIncomeExit = (select count(distinct n.EnrollmentID)
  from td_Enrollment n
  inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
    and p.ProjectType in (12,13)
  inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
  inner join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
  left outer join td_IncomeBenefits ix on ix.EnrollmentID = n.EnrollmentID and
ix.DataCollectionStage = 3
  where x.ExitDate between @gstart and @gend
    and n.file_id = f.file_id
    and (dateadd(yy, 18, c.dob) <= x.ExitDate or n.RelationshipToHoH = 1)
    and (ix.IncomeFromAnySource not in (0,1) or ix.IncomeFromAnySource is null))

, 32.MonthlyIncomeExit = (select count(distinct n.EnrollmentID)
  from td_Enrollment n
  inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
    and p.ProjectType in (12,13)
  inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
  inner join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
  left outer join td_IncomeBenefits ix on ix.EnrollmentID = n.EnrollmentID and
ix.DataCollectionStage = 3
  where x.ExitDate between @gstart and @gend
    and n.file_id = f.file_id
    and (dateadd(yy, 18, c.dob) <= x.ExitDate or n.RelationshipToHoH = 1)
    and ix.IncomeFromAnySource = 1
    and (ix.TotalMonthlyIncome is null or ix.TotalMonthlyIncome = 0.0)
    and n.file_id = f.file_id)

, 33.TotalIVsSrcExit = (select count(distinct n.EnrollmentID)
  from td_Enrollment n
  inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
    and p.ProjectType in (12,13)
  inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
  inner join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
```

```

        inner join td_IncomeBenefits ix on ix.EnrollmentID = n.EnrollmentID and
ix.DataCollectionStage = 3
        where x.ExitDate between @gstart and @gend
            and n.file_id = f.file_id
            and (dateadd(yy, 18, c.dob) <= x.ExitDate or n.RelationshipToHoH = 1)
            and ix.IncomeFromAnySource = 1
and (coalesce(ix.AlimonyAmount, 0.0) + coalesce(ix.ChildSupportAmount, 0.0)
    + coalesce(ix.EarnedAmount, 0.0) + coalesce(ix.GAAmount, 0.0)
    + coalesce(ix.OtherIncomeAmount, 0.0) + coalesce(ix.PensionAmount,
0.0)
    + coalesce(ix.PrivateDisabilityAmount, 0.0) + coalesce(ix.SSDIAmount, 0.0)
    + coalesce(ix.SSIAmount, 0.0) + coalesce(ix.SocSecRetirementAmount,
0.0)
    + coalesce(ix.TANFAmount, 0.0) + coalesce(ix.UnemploymentAmount, 0.0)
    + coalesce(ix.VADisabilityNonServiceAmount, 0.0) + coalesce(ix.VADisabilityServiceAmount,
0.0)
    + coalesce(ix.WorkersCompAmount, 0.0)) <> coalesce(ix.totalmonthlyincome, 0.0))
, 34.AnyBenefitsExit = (select count(distinct n.EnrollmentID)
    from td_Enrollment n
    inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
        and p.ProjectType in (12,13)
    inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
    inner join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
    left outer join td_IncomeBenefits ix on ix.EnrollmentID = n.EnrollmentID and
ix.DataCollectionStage = 3
        where x.ExitDate between @gstart and @gend
            and n.file_id = f.file_id
            and (dateadd(yy, 18, c.dob) <= x.ExitDate or n.RelationshipToHoH = 1)
            and (ix.BenefitsFromAnySource not in (0,1) or ix.IncomeFromAnySource is null))
,35. AnyInsExit = (select count(distinct n.EnrollmentID)
    from td_Enrollment n
    inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
        and p.ProjectType in (12,13)
    inner join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
    left outer join td_IncomeBenefits ix on ix.EnrollmentID = n.EnrollmentID and
ix.DataCollectionStage = 3
        where x.ExitDate between @gstart and @gend
            and n.file_id = f.file_id
            and (ix.InsuranceFromAnySource not in (0,1) or ix.InsuranceFromAnySource is
null))
, 36.HighIncomeExit = (select count(distinct n.EnrollmentID)
    from td_Enrollment n
    inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
        and p.ProjectType in (12,13)
    inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
    inner join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
    inner join td_IncomeBenefits ix on ix.EnrollmentID = n.EnrollmentID and
ix.DataCollectionStage = 3

```

where x.ExitDate between @gstart and @gend  
 and n.file\_id = f.file\_id  
 and (dateadd(yy, 18, c.dob) <= x.ExitDate or n.RelationshipToHoH = 1)  
 and (ix.TotalMonthlyIncome > 5000.0))

**--Counts of veterans with specific missing veteran information. Other fields are important and may be added soon,**

**--but these are the ones most frequently reported on.**

```
, 37.OEF = (select count(distinct c.PersonalID)
  from td_Enrollment n
  inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
  and p.ProjectType in (12,13)
  inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
  left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
  where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
  and c.file_id = f.file_id
  and c.VeteranStatus = 1
  and (c.AfghanistanOEF not in (0,1) or c.AfghanistanOEF is null))
, 38.OIF = (select count(distinct c.PersonalID)
  from td_Enrollment n
  inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
  and p.ProjectType in (12,13)
  inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
  left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
  where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
  and c.file_id = f.file_id
  and c.VeteranStatus = 1
  and (c.IraqOIF not in (0,1) or c.IraqOIF is null))
,39. OND = (select count(distinct c.PersonalID)
  from td_Enrollment n
  inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
  and p.ProjectType in (12,13)
  inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
  left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
  where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
  and c.file_id = f.file_id
  and c.VeteranStatus = 1
  and (c.IraqOND not in (0,1) or c.IraqOND is null))
,40. MilitaryBranch = (select count(distinct c.PersonalID)
  from td_Enrollment n
  inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
  and p.ProjectType in (12,13)
  inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
  left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
  where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
  and c.file_id = f.file_id
  and c.VeteranStatus = 1
  and (c.MilitaryBranch in (8,9,99) or c.MilitaryBranch is null) )
```



```
,41. DischargeStatus = (select count(distinct c.PersonalID)
    from td_Enrollment n
    inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
        and p.ProjectType in (12,13)
    inner join td_client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
    left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
    where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
        and c.file_id = f.file_id
        and c.VeteranStatus = 1
        and (c.DischargeStatus in (8,9,99) or c.DischargeStatus is null))
```

**--Count of distinct HouseholdIDs where no member of the household is identified as a veteran**

```
, 42.NoVetHH = (select count(dt.householdid) as error_count
from
(
SELECT n.householdid
--, count(te.householdid) as count_house
--, count(case tc.veteranstatus when 1 then 1 else null end) as count_status

FROM td_client tc, td_enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id and p.ProjectType in (12,13)
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id

where tc.file_id = n.file_id and tc.PersonalID = n.PersonalID
--and tc.file_id = '5b0451c87e764' --'5b0447327d4b4'
and coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
and n.file_id = f.file_id

group by householdid

having count(case tc.veteranstatus when 1 then 1 else null end) = 0
) dt
)

/*(select count(distinct n.HouseholdID)
    from td_Enrollment n
    inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
        and p.ProjectType in (12,13)
    inner join td_enrollment vet on vet.HouseholdID = n.HouseholdID and vet.file_id =
n.file_id
    left outer join td_client cvet on cvet.PersonalID = vet.PersonalID and cvet.file_id =
vet.file_id and cvet.VeteranStatus = 1
    left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
    where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
        and n.file_id = f.file_id
        and cvet.PersonalID is null)
*/
```

**--Count of distinct HouseholdIDs where no member of the household has a relationship to HoH of 1 (Self)**

```
,43.NoHOH = (select count(distinct n.HouseholdID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
and p.ProjectType in (12,13)
left outer join td_enrollment hoh on hoh.HouseholdID = n.HouseholdID and hoh.file_id
= n.file_id and hoh.relationshiptoHoH = 1
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
and n.file_id = f.file_id
and hoh.householdID is null)
```

**--Count of distinct HouseholdIDs where more than one member of the household has a relationship to HoH of 1**

```
, 44.MultiHOH = (select count(distinct n.HouseholdID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
and p.ProjectType in (12,13)
inner join (select hh.file_id, hh.HouseholdID
from td_enrollment hh
where hh.RelationshipToHoH = 1
group by hh.file_id, hh.HouseholdID
having count(distinct hh.PersonalID) > 1) hoh on hoh.HouseholdID =
n.HouseholdID and hoh.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
and n.file_id = f.file_id)
```

**--45.Veteran Under 18**

```
, VetUnder18 = (select count(distinct n.EnrollmentID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id
and p.ProjectType in (12,13)
inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where coalesce(x.exitdate, @gend) >= @gstart and n.EntryDate <= @gend
and n.file_id = f.file_id
and (c.VeteranStatus = 1)
and (dateadd(yy, 18, c.dob) > n.EntryDate))
```

**--46.Duplicate Enrollment Detected**

```
, DuplicateEnrollmentDetected = (select count(distinct n.PersonalID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id and p.ProjectType in
(12,13)
inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
```

```

inner join (select de.PersonalID, de.EnrollmentID, de.file_id
            from td_enrollment de
            group by de.PersonalID, de.EnrollmentID, de.file_id
            having count(distinct de.PersonalID) > 1) pe on pe.PersonalID =
n.PersonalID and pe.file_id = n.file_id
where ((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend
and n.file_id = f.file_id

```

**--47. Removed**

**--48. Removed**

**--49. Over one year between Project Start and Housing Move in Date'**

```

, OverOneYearBetweenProjectStartAndHousingMoveIn = (select count(distinct n.enrollmentID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id and p.ProjectType in
(13)
inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where (DATEDIFF(day, n.EntryDate, n.MoveInDate) > '365')
and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1)
and ((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend
and n.file_id = f.file_id

```

**--50. Housing Move In Date must be on or before Project Exit Date'**

```

, HousingMoveInAfterProjectExit = (select count(distinct n.enrollmentID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id and p.ProjectType in
(13)
inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where (n.MoveInDate > x.ExitDate)
and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1)
and ((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend
and n.file_id = f.file_id

```

**--51. Housing Move In Date must be on or after Project Start Date'**

```

, HousingMoveInBeforeProjectStart = (select count(distinct n.enrollmentid)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id and p.ProjectType in
(13)
inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where (n.MoveInDate <> '1900-01-01') and
(n.MoveInDate < n.EntryDate)
and (dateadd(yy, 18, c.dob) <= n.EntryDate or n.RelationshipToHoH = 1) and
((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend

```

and n.file\_id = f.file\_id)

**--52.Project Exit Date must be on or after Project Start Date' as QueryName,**  
, ProjectExitBeforeProjectStart = (select count(distinct n.enrollmentid)  
from td\_Enrollment n  
inner join td\_Project p on p.ProjectID = n.ProjectID and p.file\_id = n.file\_id and p.ProjectType in  
(12,13)  
inner join td\_Client c on c.PersonalID = n.PersonalID and c.file\_id = n.file\_id  
left outer join td\_Exit x on x.EnrollmentID = n.EnrollmentID and x.file\_id = n.file\_id  
where (x.ExitDate < n.EntryDate) and  
((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend  
and n.file\_id = f.file\_id)

**--53.Same PersonalID but different Date of Birth' as QueryName,**  
, SamePersonalIDDifferentDOB = (select count(distinct c.PersonalID)  
from td\_Enrollment n  
inner join td\_Project p on p.ProjectID = n.ProjectID and p.file\_id = n.file\_id and p.ProjectType in  
(12,13)  
inner join td\_Client c on c.PersonalID = n.PersonalID and c.file\_id = n.file\_id  
inner join td\_enrollment n2 on n2.PersonalID = n.PersonalID and n2.file\_id = n.file\_id  
inner join td\_Client c2 on c2.PersonalID = n.PersonalID and c2.file\_id = n.file\_id  
left outer join td\_Exit x on x.EnrollmentID = n.EnrollmentID and x.file\_id = n.file\_id  
where (n.personalid = n2.personalid) and (c.dob <> c2.dob) and  
((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend  
and n.file\_id = f.file\_id)

**--54.Person Older than 99 years'**  
, OlderThan99 = (select count(distinct c.PersonalID)  
from td\_Enrollment n  
inner join td\_Project p on p.ProjectID = n.ProjectID and p.file\_id = n.file\_id and p.ProjectType in  
(12,13)  
inner join td\_Client c on c.PersonalID = n.PersonalID and c.file\_id = n.file\_id  
left outer join td\_Exit x on x.EnrollmentID = n.EnrollmentID and x.file\_id = n.file\_id  
where (c.DOB <> '1900-01-01') and  
(DATEDIFF(YEAR, c.DOB, n.UploadDate) > '99') and  
((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend  
and n.file\_id = f.file\_id)

**--55.Child Older than 50**  
, ChildOver50 = (select count(distinct c.PersonalID)  
from td\_Enrollment n  
inner join td\_Project p on p.ProjectID = n.ProjectID and p.file\_id = n.file\_id and p.ProjectType in  
(12,13)  
inner join td\_Client c on c.PersonalID = n.PersonalID and c.file\_id = n.file\_id  
left outer join td\_Exit x on x.EnrollmentID = n.EnrollmentID and x.file\_id = n.file\_id  
where (c.DOB <> '1900-01-01') and  
(DATEDIFF(YEAR, c.DOB, n.EntryDate) > '50') and  
(n.RelationshipToHoH = '2') and

((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend  
and n.file\_id = f.file\_id)

**--56.CoC Code not formatted correctly**

```
, CoCCodeNotCorrect = (select count(distinct n.enrollmentID)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id and p.ProjectType in
(12,13)
inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
inner join td_EnrollmentCoC ec on ec.EnrollmentID = n.EnrollmentID and ec.file_id = n.file_id
where ((LEN(ec.CoCCode) > 6) or
(SUBSTRING(ec.CoCCode,1,2) = 'integers') or
(SUBSTRING(ec.CoCCode,3,1) <> '-') or
(SUBSTRING(ec.CoCCode,4,3) = 'letters'))
and ((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend
and n.file_id = f.file_id)
```

**--57. HP TFA LOW**

```
, HPTFALOW = (select count(distinct n.householdid) from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id and p.ProjectType in (12)
inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Services sv on sv.EnrollmentID = n.enrollmentid and sv.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where c.veteranstatus = 1
and sv.dateprovided between @gstart and @gend
and sv.recordtype = '152'
and (((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend))
and n.file_id = f.file_id
and ((select sum(sv.FAAmount)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id and
p.ProjectType in (12)
inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Services sv on sv.EnrollmentID = n.enrollmentid and sv.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where c.veteranstatus = 1
and sv.dateprovided between @gstart and @gend
and sv.recordtype = '152'
and (((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend))
and n.file_id = f.file_id)/(select count(distinct n.householdid)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id and
p.ProjectType in (12)
inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Services sv on sv.EnrollmentID = n.enrollmentid and sv.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where c.veteranstatus = 1
```

```

and sv.dateprovided between @gstart and @gend
and sv.recordtype = '152'
and (((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend)
and n.file_id = f.file_id ) < '1100')

```

**--58. HP TFA HIGH**

```

, HPTFAHIGH = (select count(distinct n.householdid) from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id and p.ProjectType in (12)
inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Services sv on sv.EnrollmentID = n.enrollmentid and sv.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where c.veteranstatus = 1
and sv.dateprovided between @gstart and @gend
and sv.recordtype = '152'
and (((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend)
and n.file_id = f.file_id
and ((select sum(sv.FAAmount)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id and
p.ProjectType in (12)
inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Services sv on sv.EnrollmentID = n.enrollmentid and sv.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where c.veteranstatus = 1
and sv.dateprovided between @gstart and @gend
and sv.recordtype = '152'
and (((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend)
and n.file_id = f.file_id)/(select count(distinct n.householdid)
from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id and
p.ProjectType in (12)
inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Services sv on sv.EnrollmentID = n.enrollmentid and sv.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where c.veteranstatus = 1
and sv.dateprovided between @gstart and @gend
and sv.recordtype = '152'
and (((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend)
and n.file_id = f.file_id ) > '12000')

```

**--59. RRH TFA LOW**

```

, RRHTFALLOW = (select count(distinct n.householdid) from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id and p.ProjectType in (13)
inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Services sv on sv.EnrollmentID = n.enrollmentid and sv.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where c.veteranstatus = 1
and sv.dateprovided between @gstart and @gend
and sv.recordtype = '152'
and (((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend)

```

```

        and n.file_id = f.file_id
        and ((select sum(sv.FAAmount)
from td_Enrollment n
    inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id and
p.ProjectType in (13)
    inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
    left outer join td_Services sv on sv.EnrollmentID = n.enrollmentid and sv.file_id = n.file_id
    left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where c.veteranstatus = 1
    and sv.dateprovided between @gstart and @gend
    and sv.recordtype = '152'
    and (((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend))
    and n.file_id = f.file_id)/(select count(distinct n.householdid)
from td_Enrollment n
    inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id and
p.ProjectType in (13)
    inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
    left outer join td_Services sv on sv.EnrollmentID = n.enrollmentid and sv.file_id = n.file_id
    left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where c.veteranstatus = 1
    and sv.dateprovided between @gstart and @gend
    and sv.recordtype = '152'
    and (((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend))
    and n.file_id = f.file_id ) > '700' )

```

**--60. RRH TFA HIGH**

```

, RRHTFAHIGH = (select count(distinct n.householdid) from td_Enrollment n
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id and p.ProjectType in (13)
    inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
    left outer join td_Services sv on sv.EnrollmentID = n.enrollmentid and sv.file_id = n.file_id
    left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where c.veteranstatus = 1
    and sv.dateprovided between @gstart and @gend
    and sv.recordtype = '152'
    and (((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend))
    and n.file_id = f.file_id
    and ((select sum(sv.FAAmount)
from td_Enrollment n
    inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id and
p.ProjectType in (13)
    inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
    left outer join td_Services sv on sv.EnrollmentID = n.enrollmentid and sv.file_id = n.file_id
    left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where c.veteranstatus = 1
    and sv.dateprovided between @gstart and @gend
    and sv.recordtype = '152'
    and (((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gend))
    and n.file_id = f.file_id)/(select count(distinct n.householdid)
from td_Enrollment n

```

```
inner join td_Project p on p.ProjectID = n.ProjectID and p.file_id = n.file_id and
p.ProjectType in (13)
inner join td_Client c on c.PersonalID = n.PersonalID and c.file_id = n.file_id
left outer join td_Services sv on sv.EnrollmentID = n.enrollmentid and sv.file_id = n.file_id
left outer join td_Exit x on x.EnrollmentID = n.EnrollmentID and x.file_id = n.file_id
where c.veteranstatus = 1
and sv.dateprovided between @gstart and @gend
and sv.recordtype = '152'
and (((x.ExitDate is null) or (x.ExitDate >= @gstart)) and n.EntryDate <= @gstart))
and n.file_id = f.file_id ) > '11,000')
```