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USPS-LR-J-70

RURAL CARRIER ANALYSIS

PREFACE

This library reference contains documentation for the calculation of rural carrier variability ratios, average weekly pieces, and total rural mail count pieces for letter and flats. It provides the same function as USPS-LR-I-152 filed in Docket No. R2000-1. This is a Category 2 library reference that witness Kay is sponsoring as a part of USPS-T-21. Material from this library reference is used in the base year workpapers of witness Meehan (USPS-T-11, WP B).

Note that in preparing documentation, errors were found in the input data for SAS program MEANALL that change the output values, and the resulting rural carrier costs, only slightly. The errors in the input data have been corrected for this library reference, and it is the corrected version that should be used for any subsequent analysis. However, output from the erroneous version was used in witness Meehan's workpapers, and output from that version is also included herein for reference purposes.

RURAL CARRIER ANALYSIS

This library reference contains documentation for the calculation of rural carrier variability ratios, average weekly pieces, and total rural mail count pieces for letter and flats. These items are used in the development of rural carrier cost.

1. Program Documentation	A description of the input data, output data, tasks performed, and variables for the computer programs. This includes both the formal documentation and an informal document, which contains additional descriptive detail on the functioning of the programs.
2. Program Listing	Copies of the following SAS program with internal documentation: MEANALL
3. Output Listing	A listing of the output created by the SAS program, including rural carrier variabilities, average weekly pieces, and total rural mail count pieces for letters and flats. A listing of the output created by the SAS program MEANALL before errors were corrected is also included. This erroneous version is what appears in USPS-T-11, Workpaper B. Cost differences using the corrected version are minimal. A discussion of the corrections made to the program is in the next section.
4. Floppy Disks Containing	MEANALL

III. Requirements of Computer Analysis Relied Upon

1. A general description of the program that includes:

1. Objectives of the program:

The objective of SAS program MEANALL is to provide input data for the rural carrier cost analysis, as shown in USPS-T-11, Workpaper B. Rural carrier variability ratios, average weekly pieces, and flats and letter volumes are used in rural cost analysis. Rural carrier variability ratios are used to divide total rural carrier costs into variable and non-variable costs, as shown in WS 10.0.1. Average weekly pieces are used to divide variable costs into costs for each rural evaluation item, such as letters delivered, flats delivered, and parcels delivered. This analysis is shown in WS 10.1.1 and 10.2.1. Letter and flat volumes are used in the adjustment of the letter and flat distribution keys, as shown in WS 10.0.3 page 1.

The original version of MEANALL attempted to use data from the prior five years of RMC data. Not only was the data from FY 1997 inadvertently deleted from this analysis, but the data that was thought to be from the FY 1996 Rural Mail Count (RMC) was later found to be from an even earlier count. This earlier RMC is eliminated in the corrected version, and FY 1997 data is included. In addition, the length of the count in weeks is available within the data. This supplied value is used in place of a calculated value. These changes have minimal impact on the results, as most of the routes used in the analysis have more recent evaluations. Only 1,027 out of the 63,950 total routes used in the analysis come from the FY 1997 RMC.

2. Processing tasks performed:

BY 2000 rural carrier variability ratios, average weekly pieces, and flats and letter volumes are all calculated from the RMC data set. The data set used in this analysis contains the most recent evaluation for each rural route from the FY 1997 – FY 2000 RMC. This data set contains 64,025 records of individual routes, including volumes counted on the route, and time allotments for each evaluation item that are used to generate the average time to deliver the route. The RMC data set is provided in USPS-LR-J-71.

Rural carrier pay is based on time allowances given for delivering and collecting mail and other factors, such as the number of boxes on the route and the mileage on the route. These allowances are determined during the annual RMC. If a route does not participate in the mail count, then the most recent evaluation for that route determines the rural carrier's pay.

a. Letter and flat pieces

MEANALL first does initial set-up that will be used for all three analyses. The program separates time filling out forms 3579 and 3821, time loading vehicle, and time purchasing stamps for the route into their respective fixed and variable portions. Locked pouch delivery and withdrawing mail time allowances are restricted to be no greater than 30 minutes, and parcel post accepted route time is set equal to parcel post accepted office time if the route time is equal to zero. The records are then separated between evaluated routes and other routes.

MEANALL then adds up the number of letter, flat, DPS, and sector segment pieces for all evaluated and for all other routes. These volumes are used in USPS-T-11, Workpaper B, WS 10.0.3 page 1.

b. Average weekly pieces

The program calculates the average weekly values for the variables used to determine the time allowances (such as the number of letter pieces delivered) for evaluated (H, J, and K) routes and other (Auxiliary and Mileage) routes.

The mean values of the time allowances are calculated for evaluated routes and for other routes. The average weekly pieces are used in USPS-T-11, Workpaper B, WS 10.1.1 and 10.2.1.

c. Variability ratios

Total variable time allowance is calculated as the sum of all time allowances that vary with volume, and total time allowance is calculated as the sum of all time allowances. Variability ratios are computed, for evaluated routes and for other routes, as mean variable time allowance divided by mean total time allowance. The variability ratios are used in USPS-T-11, Workpaper B, WS 10.0.1.

3. A listing of the input and output data.

The input data set is FINLALL.

Number of observations: 64,025
Number of variables: 67

The variables in dataset FINLALL are listed below.

Variables describing the route and the route evaluation:

MILES	-	Number of miles on the route
BOXESR	-	Number of regular mailboxes on the route
BOXESC	-	Number of centralized mailboxes on the route
RTTYPE	-	Route type: H, J, K (Evaluated), or A, M (Other)
CNTLEN	-	Number of weeks the mail was counted (2 or 4)
YEAR	-	Fiscal year the evaluation was taken

The following are evaluated time allowances, used to calculate variability ratios:

MILEST	-	Miles driven on the route
BOXESRT	-	Number of boxes, regular
BOXESCT	-	Number of boxes, centralized
NDCBUT	-	Neighborhood Delivery and Collection Box Units
PARLCKT	-	Parcel post lockers
POUCHT	-	Locked pouch delivery
WITHDT	-	Withdrawing mail
ADDREST	-	Change of address forms
F3579T	-	Filling out forms 3579 and 3821
LOADNGT	-	Loading vehicle time
PERSNLT	-	Office work not covered and personal time
STAMPST	-	Purchasing stamps for the route
ALLOWT	-	Other suitable allowances
DLLETRT	-	Delivering letters
DLFLATT	-	Delivering flats
DLPAROT	-	Delivering parcels
BOXHLDT	-	Delivering boxholder mail
CODCSOT	-	C.O.D. and customs due, office time
CODCSRT	-	C.O.D. and customs due, route time
DLREGOT	-	Delivering registered, certified, etc., office time
DLREGRT	-	Delivering registered, certified, etc., route time
MARKUPT	-	Markups (undeliverable mail)
STRAPT	-	Strapping out (putting rubber bands around letters and flats, keeping them in delivery sequence
MNORDOT	-	Money orders, office time
MNORDRT	-	Money orders, route time
COLLFT	-	Collecting letter size pieces
PPACCOT	-	Parcel posts accepted, office time
PPACCRT	-	Parcel posts accepted, route time
COLREGT	-	Collecting registered, certified, etc.
POSTDUT	-	Postage dues
RETRCTT	-	Return receipts
DISMNTT	-	Dismount time
DPST	-	Delivery Point Sequence

SECSEGT - Sector Segment

The following variables are counts of the number of each type of item over the duration of the mail count. These variables are used to calculate average weekly pieces and the count of letter and flat pieces.

DSMOUNT	-	Number of authorized dismounts
DSMFEET	-	Dismount distance walked (feet)
LETTERS	-	Number of letters delivered
FLATS	-	Number of flats delivered
PARCELS	-	Number of parcels delivered
BOXHOLD	-	Number of boxholder pieces delivered
CODCUST	-	Number of C.O.D. and customs due pieces
REGCERT	-	Number of registered, certified, special delivery, etc.
MARKUP	-	Number of markups (undeliverable mail)
CHGADDR	-	Number of change of address forms
MONORDR	-	Number of money orders
LETCOLL	-	Number of letter size pieces collected
PARCACC	-	Number of parcel posts accepted
REGACC	-	Number of registered, certified, etc. collected on the route
POSTDUE	-	Number of postage dues
PURCHST	-	Purchase stamp count
POUCHST	-	Lock pouch stops
RETRCT	-	Number of return receipts
DPS	-	Number of delivery point sequence pieces delivered
SECSEG	-	Number of sector segment pieces delivered
CHGADDR	-	Change of address forms
F3579	-	Filling out forms 3579 and 3821
LOADING	-	Loading vehicle
PARLOCK	-	Parcel post lockers
NDCBU	-	Number of NDCBU boxes
ALLOW	-	Other suitable allowance count
ACTLHRS	-	Actual hours

4. A listing of the source code:

See attached program documentation. This is the corrected version of program MEANALL.

B. For all input data:

1. Designation of all sources of such data:

Dataset FINLALL is the data from the FY 2000 RMC, taken in September of 1999, and also includes the most recent evaluation for all routes from the FY

1997 through FY 1999 RMC that were not counted in the FY 2000 count. An electronic copy of this data is supplied in USPS-LR-J-71.

2. Explanations of any modifications to such data made for use in the program.

Modifications to the data are described in section A.2.

C. Definitions of all input and output variables or sets of variables:

The following variables are created in the program and are used to compute variability ratios:

F3579TF	-	Fixed portion of time allowance spent filling out forms 3579 and 3821
F3579TV	-	Variable portion of time allowance spent filling out forms 3579 and 3821
LOADTF	-	Fixed portion of time allowance spent loading vehicle
LOADTV	-	Variable portion of time allowance spent loading vehicle
STAMPTF	-	Fixed portion of time allowance spent purchasing stamps for the route
STAMPTV	-	Variable portion of time allowance spent purchasing stamps for the route
FIXED	-	Total fixed time allowance
VARIABLE	-	Total variable time allowance
TOTAL	-	Sum of FIXED and VARIABLE
ROUTE	-	Route type identifier, equal to either "EVAL' or 'OTHR'
VARRAT	-	Variability Ratio

D. A description of input and output data file organizations:

FINLALL is a flat text file. The location of the variables on the file is shown in the listing for SAS program MEANALL.

E. A machine-readable copy of all data bases:

A machine-readable copy of FINLALL, containing all variables used in MEANALL, is provided with USPS-LR-J-71.

F. For all source codes, documentation sufficiently comprehensive and detailed to satisfy generally accepted software documentation standards appropriate to the type of program and to its intended use in the proceedings:

The processing steps used by program MEANALL are described earlier in the document. The program listing for MEANALL also contains numerous comments.

SAS PROGRAM LISTING FOR MEANALL

```
DATA A; INFILE MAIL  ; INPUT
      MILES
      BOXESR
      BOXESC
      NDCBU
      PARLOCK
      LETTERS
      FLATS
      PARCELS
      BOXHOLD
      REGCERT
      CODCUST
      CHGADDR
      MARKUP
      F3579
      DPS
      MONORDR
      LETCOLL
      PARCACC
      REGACC
      POSTDUE
      LOADING
      ALLOW
      PURCHST
      RETRCT
      DSMOUNT
      DSMFEET
      POUCHST
      SECSEG
      DLLETRT
      DLFLATT
      DLPAROT
      DLPARRT
      WITHDT
      STRAPT
      LOADNGT
      RETRCTT
      DISMNTT
      BOXHLDT
      CODCSOT
      DLREGOT
      MARKUPT
      ADDREST
      MNORDOT
      COLLFT
      PPACCOT
      STAMPST
      F3579T
      ALLOWT
      POSTDUT
      PERSNLT
      CODCSRT
      DLREGRT
      MNORDRT
      PPACCRT
      COLREGT
      MILEST
```

```
      BOXESRT
      BOXESCT
      NDCBUT
      PARLCKT
      POUCHT
      SECSEGT
      DPST
      ACTLHRS
      CNTLEN
      RTTYPE  $
      YEAR      ;
*****************************************************************;
** NOW WE HAVE THE LATEST EVALUATION FOR EACH ROUTE,      ***;
*****************************************************************;
*** GET COUNT OF LETTERS AND FLATS FOR USE IN     ***;
*** MAIL SHAPE ADJUSTMENT                         ***;
*** DIVIDE PIECES BY NUMBER OF WEEKS IN COUNT     ***;
*** SO COUNTS FROM DIFFERENT YEARS GET SAME WEIGHT***;
*****************************************************;
DATA S; SET A;
LETTERS = LETTERS/CNTLEN;
FLATS = FLATS/CNTLEN;
DPS = DPS/CNTLEN;
SECSEG = SECSEG/CNTLEN;
PROC MEANS DATA=S SUM;
VAR LETTERS FLATS DPS SECSEG;
*********************************************************;
*** CALCULATE AVERAGE VALUES PER ROUTE                ***;
*********************************************************;
DATA A; SET A;
IF LETTERS > 0;
  BOXESRL = 0;
  L=0;
  IF ((BOXESR+BOXESC)/MILES) >=12 THEN DO
      BOXESRL = BOXESR;
      BOXESR=0;
      L=1;
  END;
  IF LETTERS > 0 AND ACTLHRS > 0 AND MILES > 0;
  IF POUCHT > 30 THEN POUCHT = 30;
  IF WITHDT > 30 THEN WITHDT = 30;
*****************************************************************;
* CALCULATE THE AVERAGE VALUE PER WEEK FOR EACH EVALUATION ITEM **;
* TO PUT INTO SPREADSHEETS WS 10.1.1 AND 10.2.1                 **;
* DIVIDE PIECES BY NUMBER OF WEEKS IN COUNT TO GET WEEKLY PIECES**;
*****************************************************************;
LETTERS = LETTERS / CNTLEN;
FLATS = FLATS / CNTLEN;
PARCELS = PARCELS / CNTLEN;
BOXHOLD = BOXHOLD / CNTLEN;
REGCERT = REGCERT / CNTLEN;
CODCUST = CODCUST / CNTLEN;
MARKUP = MARKUP / CNTLEN;
MONORDR = MONORDR / CNTLEN;
DPS = DPS / CNTLEN;
LETCOLL = LETCOLL / CNTLEN;
PARCACC = PARCACC / CNTLEN;
```

```
REGACC = REGACC / CNTLEN;
POSTDUE = POSTDUE / CNTLEN;
LOADING = LOADING / CNTLEN;
RETRCT = RETRCT / CNTLEN;
SECSEG = SECSEG / CNTLEN;
F3579 = F3579 / CNTLEN;
CHGADDR = CHGADDR / CNTLEN;
DSMOUNT = DSMOUNT / CNTLEN;
DSMFEET = DSMFEET / CNTLEN;


  IF RTTYPE='H' OR RTTYPE = 'J' OR RTTYPE = 'K' THEN
  TYPE = "EVAL";
  ELSE TYPE = "OTHR";
PROC SORT DATA=A; BY TYPE;
TITLE1 'THE MEANS OF THE VARIABLES ON THE ROUTES:';
PROC MEANS DATA =A MEAN STD;
BY TYPE ;
VAR MILES BOXESR BOXESCT BOXESRL NDCBUT PARLOCK POUCHT WITHDT
  LETTERS FLATS PARCELS BOXHOLD CODCUST REGCERT MARKUP CHGADDR
  F3579 LOADING PERSNLT MONORDR LETCOLL PARCACC REGACC POSTDUE
  STAMPST RETRCT ALLOWT DSMOUNT DSMFEET DPS SECSEG ;
PROC SUMMARY DATA=A;
BY TYPE;
VAR MILES;
OUTPUT OUT=OUT1 N=;
PROC PRINT DATA=OUT1;
DATA A; SET A;
IF LETTERS > 0 AND ACTLHRS > 0 AND MILES > 0;


F3579TF = MIN(F3579T,12.);
F3579TV = F3579T - F3579TF;

IF LOADNGT > 90 THEN LOADNGT = 90;
LOADTF = LOADNGT * .5;
LOADTV = LOADNGT * .5;

STAMPTF = 0;
STAMPTV = 0;
IF ((BOXESR+BOXESC)/MILES)>12 THEN STAMPTV=STAMPST; ELSE STAMPTF=30;

IF POUCHT > 30 THEN POUCHT = 30;
IF WITHDT > 30 THEN WITHDT = 30;

IF PPACCRT = 0 THEN PPACCRT = PPACCOT;

FIXED = MILEST + BOXESRT + BOXESCT + NDCBUT + PARLCKT + POUCHT
     + WITHDT + ADDREST + F3579TF + LOADTF + PERSNLT + STAMPTF
     +ALLOWT + DISMNTT;

VARIABLE = DLLETRT + DLFLATT + DLPAROT + BOXHLDT + CODCSOT + CODCSRT
     + DLREGOT + DLREGRT + MARKUPT + F3579TV + STRAPT + LOADTV
     + MNORDOT + MNORDRT + COLLFT + PPACCOT + PPACCRT + COLREGT
     + POSTDUT + STAMPTV + RETRCTT + DPST + SECSEGT;

TOTAL = FIXED + VARIABLE;
```

```
RATIO = VARIABLE/TOTAL;
IF RTTYPE = 'H' OR RTTYPE = 'J' OR RTTYPE = 'K' THEN ROUTE = 'EVAL';
IF RTTYPE = 'A' OR RTTYPE = 'M' THEN ROUTE = 'OTHR';
PROC SORT DATA=A; BY ROUTE;
PROC MEANS DATA=A NOPRINT;
BY ROUTE;
VAR VARIABLE TOTAL;
OUTPUT OUT=VAR MEAN=;
DATA VAR; SET VAR;
VARRAT = VARIABLE/TOTAL;
PROC PRINT DATA=VAR;
TITLE 'RATIO OF VARIABLE TO TOTAL FOR EVAL/OTHER';
*;
```

SAS OUTPUT FOR PROGRAM

MEANALL

1

The MEANS Procedure

Variable	Sum
LETTERS	221711792
FLATS	310543445
DPS	246542578
SECSEG	22845524.75

1 MEANS OF THE VARIABLES ON THE ROUTES: 11:57 Tuesday, August 28, 2001
2

---------- TYPE=EVAL ----------

The MEANS Procedure

Variable	Mean	Std Dev
MILES	50.4716366	29.7029515
BOXESR	215.1899603	217.7008809
BOXESCT	66.6351515	136.4668714
BOXESRL	200.4385247	242.3050107
NDCBUT	2.8988424	9.0326492
PARLOCK	3.8577200	11.9455456
POUCHT	0.3896669	3.3968183
WITHDT	25.0392203	11.1452369
LETTERS	3676.85	1981.25
FLATS	5221.28	1796.57
PARCELS	221.9492989	86.9856650
BOXHOLD	1400.22	821.7191007
CODCUST	0.3603286	0.6909598
REGCERT	16.3526114	20.5335882
MARKUP	123.3811661	90.4417823
CHGADDR	4.7158022	4.4877818
F3579	3.7774633	2.5238257
LOADING	57.1507581	17.8469868
PERSNLT	30.0000000	0
MONORDR	0.2887719	1.9288198
LETCOLL	1002.68	552.4597839
PARCACC	3.1437791	8.1164049
REGACC	0.6799107	4.2714001
POSTDUE	2.0803880	3.2668069
STAMPST	20.0000000	0
RETRCT	0.0816833	1.1146398
ALLOWT	37.1495942	30.2251612
DSMOUNT	30.9759153	88.3208135
DSMFEET	2971.75	8124.94
DPS	4218.75	3842.33
SECSEG	344.5463579	1130.74

TYPE=OTHR

Variable	Mean	Std Dev
MILES	24.4976352	13.6132676
BOXESR	105.9796548	114.3460304
BOXESCT	59.2130529	103.3467970
BOXESRL	91.3683850	131.8683084
NDCBUT	2.7361984	7.3910401
PARLOCK	3.3730712	9.4669080
POUCHT	0.1474454	2.0981243
WITHDT	24.3730712	11.7115846
LETTERS	2119.64	1361.32
FLATS	2510.83	1279.96
PARCELS	113.2014516	62.2645919
BOXHOLD	651.4805978	510.7588220
CODCUST	0.2083381	0.6525371

---------- TYPE=OTHR ----------

The MEANS Procedure

Variable	Mean	Std Dev
REGCERT	9.1996514	8.9531719
MARKUP	77.5857527	66.8751684
CHGADDR	2.5540062	2.9901694
F3579	2.6572180	2.2687074
LOADING	37.4805121	15.8489244
PERSNLT	30.0000000	0
MONORDR	0.2172248	3.0751205
LETCOLL	488.8804149	381.2492895
PARCACC	1.8116928	6.8491341
REGACC	0.4002457	3.4803403
POSTDUE	1.1165562	2.0683019
STAMPST	20.0000000	0
RETRCT	0.0495485	0.7159346
ALLOWT	30.6157275	34.6909165
DSMOUNT	28.4381929	72.0383466
DSMFEET	2728.69	7517.86
DPS	1514.81	2212.06
SECSEG	434.5722083	961.7108970

1
4 THE MEANS OF THE VARIABLES ON THE ROUTES: 11:57 Tuesday, August 28, 2001

Obs	TYPE	_TYPE_	_FREQ_	MILES
1	EVAL	0	55201	55201
2	OTHR	0	8749	8749

Obs	ROUTE	_TYPE_	_FREQ_	VARIABLE	TOTAL	VARRAT
1	EVAL	0	55201	1503.68	3122.64	0.48154
2	OTHR	0	8749	769.90	1646.09	0.46771

SAS OUTPUT FOR PROGRAM MEANALL

BEFORE CORRECTION OF ERRORS

(INPUTS FOR USPS-T-11, WORKPAPER B)

The MEANS Procedure

Variable	Sum
LETTERS	793583483
FLATS	1109739430
DPS	886730171
SECSEG	83911209.00

---------- TYPE=EVAL ----------

The MEANS Procedure

Variable	Mean	Std Dev
MILES	50.4428232	29.6276716
BOXESR	215.5000185	218.0981490
BOXESCT	66.6920330	136.4305194
BOXESRL	201.0535450	242.6969145
NDCBUT	2.9150015	9.1608560
PARLOCK	3.8719472	11.9549118
POUCHT	0.3846581	3.3752024
WITHDT	25.0421847	11.1425681
LETTERS	3735.74	2030.12
FLATS	5240.09	1832.80
PARCELS	222.7135925	89.6165327
BOXHOLD	1410.50	843.3195832
CODCUST	0.3677379	0.7093310
REGCERT	16.2973190	11.6647455
MARKUP	123.9524034	91.8385610
CHGADDR	4.7476965	4.5533791
F3579	3.7941367	2.5823673
LOADING	57.4419497	18.7977952
PERSNLT	30.0000000	0
MONORDR	0.2871660	1.9331957
LETCOLL	1005.50	562.4878036
PARCACC	3.1352687	8.1412830
REGACC	0.6798309	4.2221383
POSTDUE	2.1065488	3.3273575
STAMPST	19.9269631	2.2969181
RETRCT	0.0847487	1.1374872
ALLOWT	37.1509353	30.2653639
DSMOUNT	31.0749426	97.2005073
DSMFEET	2978.56	8308.10
DPS	4167.83	3903.28
SECSEG	365.7648757	1194.56

---------- TYPE=OTHR ----------

Variable	Mean	Std Dev
MILES	24.5773411	13.4597844
BOXESR	106.4018229	115.7015591
BOXESCT	59.8229999	104.7093974
BOXESRL	94.1225385	134.2071589
NDCBUT	2.7750647	7.4922073
PARLOCK	3.3618769	9.5387444
POUCHT	0.1417801	2.0576148
WITHDT	24.4064364	11.6847900
LETTERS	2352.93	1386.56
FLATS	2936.17	1924.08
PARCELS	132.8005795	96.9076813
BOXHOLD	769.2748678	721.2975252
CODCUST	0.2480590	0.7077156

---------- TYPE=OTHR ----------

The MEANS Procedure

Variable	Mean	Std Dev
REGCERT	10.8426072	12.5596261
MARKUP	92.2737144	93.3420604
CHGADDR	2.9908012	3.7741467
F3579	3.1174750	3.4479279
LOADING	45.0602003	32.8599320
PERSNLT	30.0000000	0
MONORDR	0.2475526	3.5871773
LETCOLL	576.5255711	529.3860278
PARCACC	2.0501857	7.8649673
REGACC	0.4839372	4.6628406
POSTDUE	1.3151795	3.1591032
STAMPST	19.7814223	2.8355037
RETRCT	0.0580061	1.0597963
ALLOWT	30.2319962	34.5690845
DSMOUNT	33.4747103	90.9130781
DSMFEET	3198.44	9100.46
DPS	1818.01	3191.85
SECSEG	656.2928997	1723.10

THE MEANS OF THE VARIABLES ON THE ROUTES: 10:34 Friday, March 23, 2001

Obs	TYPE	_TYPE_	_FREQ_	MILES
1	EVAL	0	54048	54048
2	OTHR	0	8887	8887

RATIO OF VARIABLE TO TOTAL FOR EVAL/OTHER 10:34 Friday, March 23, 2001

Obs	ROUTE	_TYPE_	_FREQ_	VARIABLE	TOTAL	VARRAT
1	EVAL	0	54048	1506.44	3126.79	0.48178
2	OTHR	0	8887	783.97	1667.06	0.47027