

H.GEN.7

All of these are computer derived and are being populated on the hsip19 table

Tot_fed_injrd
Fed_rptable_sw
Pedcyc_sw
Peds_sw
Mtrcyc_sw
Schl_bus_sw
Teen_sw
Young_drvr_sw
Farm_eqp_sw
Tractr_tralr_sw
Dbl_bot_tralr_sw
Non_accd_sw
Alcohol_rltd_sw
tot_fatlty_accdd
Total_injrd_accdd
tot_truck_bus
Tot_drvr_accdd
Tot_veh_ownr
Tot_veh_accdd
Tot_objct_accdd
Tot_peds_accdd
Tot_occpt_accdd
Trp_area
rte_sgng_cde
Nat_funct_cde
Pop_grp_cde

Tot_fed_injrd

HSIBEDSW

```
EXEC SQL
  SELECT ACCD_KEY
  INTO :W-ACCD-KEY
  FROM HSIS14
  WHERE ACCD_KEY = :HSIS19-DATA.ACCD-KEY
  AND
  ( VEH_BODY_CDE BETWEEN '01' AND '09'
  OR VEH_BODY_CDE BETWEEN '37' AND '40')
```

END-EXEC.

MOVE SQLCODE TO W-SQLCODE.

IF NOT GOOD-SQLCODE

MOVE 'PGM HSIBEDSW SELECT ERR ON VEH BODY CODE HSIS14'
TO PARM-ERR-MSG

MOVE SQLCODE TO PARM-SQLCODE

PERFORM 100A-GOBACK.

IF FOUND-RECORDS

GO TO 5B-CONTINUE.

5B-CONTINUE.

MOVE ZERO TO WS-CT.

EXEC SQL

SELECT COUNT(*)

INTO :WS-CT

FROM HSIS15

WHERE ACCD_KEY = :HSIS19-DATA.ACCD-KEY

AND INJRY_SEV_CDE BETWEEN '2' AND '4'

AND TMF_CDE BETWEEN '2' AND '4'

END-EXEC.

IF SQLCODE < 0

MOVE 'PGM HSIBEDSW - SELECT ERR ON INJURED HSIS15'
TO PARM-ERR-MSG

MOVE SQLCODE TO PARM-SQLCODE

PERFORM 100A-GOBACK.

ADD WS-CT TO TOTAL-FED-INJURED.

HSIHEDIT

HSIBEDSW

EXEC SQL

DECLARE HSI15CUR CURSOR FOR

SELECT ACCD_KEY

, VEH_NUM

, OCCPNT_NUM

, DRVR_SW

```
        , SEAT_PSTN_CDE
        , INJRY_SEV_CDE
FROM HSI15
WHERE HSI15.ACCD_KEY = :HSIS19-DATA.ACCD-KEY
END-EXEC.
```

```
EXEC SQL
DECLARE HSI17CUR CURSOR FOR
SELECT ACCD_KEY
      , PEDS_NUM
      , INJRY_SEV_CDE
FROM HSI17
WHERE HSI17.ACCD_KEY = :HSIS19-DATA.ACCD-KEY
END-EXEC.
```

```
EXEC SQL
FETCH HSI15CUR
INTO
      :HSIS15-DATA.ACCD-KEY
      , :HSIS15-DATA.VEH-NUM
      , :HSIS15-DATA.OCCPNT-NUM
      , :HSIS15-DATA.DRVR-SW
      , :HSIS15-DATA.SEAT-PSTN-CDE :SEAT-PSTN-CDE-15-NULL
      , :HSIS15-DATA.INJRY-SEV-CDE :INJRY-SEV-CDE-15-NULL
```

```
IF INJRY-SEV-CDE OF HSI15-DATA = '2' OR '3' OR '4'
ADD +1 TO TOTAL-INJRD-ACCD.
```

```
EXEC SQL
FETCH HSI17CUR
INTO
      :HSIS17-DATA.ACCD-KEY
      , :HSIS17-DATA.PEDS-NUM
      , :HSIS17-DATA.INJRY-SEV-CDE
END-EXEC.
```

```
IF INJRY-SEV-CDE OF HSI17-DATA = '2' OR '3' OR '4'
ADD +1 TO TOTAL-INJRD-ACCD
GO TO 17A-FETCH-CURS17.
```

Fed_rptable_sw

HSIBEDSW

2A-TOW-CHECK SECTION.

**** TOW CHECK SWITCH

EXEC SQL

```
SELECT ACCD_KEY
  INTO :W-ACCD-KEY
  FROM HSIS14
  WHERE ACCD_KEY = :HSIS19-DATA.ACCD-KEY
  AND VEH_DSPSTN_CDE = '1'
```

END-EXEC.

MOVE SQLCODE TO W-SQLCODE.

IF NOT GOOD-SQLCODE

```
MOVE 'PGM HSIBEDSW - SELECT ERR ON TOW COUNT'
  TO PARM-ERR-MSG
MOVE SQLCODE TO PARM-SQLCODE
PERFORM 100A-GOBACK.
```

IF FOUND-RECORDS

MOVE 'Y' TO FED-RPTABL-SW.

5A-FEDERAL-REPORTABLE SECTION.

MOVE 'N' TO FED-RPTABL-SW.

EXEC SQL

```
SELECT ACCD_KEY
  INTO :W-ACCD-KEY
  FROM HSIS14
  WHERE ACCD_KEY = :HSIS19-DATA.ACCD-KEY
  AND
  ( VEH_BODY_CDE BETWEEN '01' AND '09'
  OR VEH_BODY_CDE BETWEEN '37' AND '40')
```

END-EXEC.

MOVE SQLCODE TO W-SQLCODE.

IF NOT GOOD-SQLCODE

```
MOVE 'PGM HSIBEDSW SELECT ERR ON VEH BODY CODE HSIS14'
  TO PARM-ERR-MSG
MOVE SQLCODE TO PARM-SQLCODE
```

PERFORM 100A-GOBACK.

IF FOUND-RECORDS
GO TO 5B-CONTINUE.

EXEC SQL
SELECT ACCD_KEY
INTO :W-ACCD-KEY
FROM HSIS10
WHERE ACCD_KEY = :HSIS19-DATA.ACCD-KEY
AND HMP_SW = 'Y'
END-EXEC.

MOVE SQLCODE TO W-SQLCODE.
IF NOT GOOD-SQLCODE
MOVE 'PGM HSIBEDSW - SELECT ERR ON HSIS10 HMP-SW HSIS10'
TO PARM-ERR-MSG
MOVE SQLCODE TO PARM-SQLCODE
PERFORM 100A-GOBACK.

IF NO-RECORDS
GO TO 5Z-EXIT.

5B-CONTINUE.

***** NEED TO USE SELECT COUNT HERE

***** June 2002 Wesley

***** TMF_CDE = '1' being replaced with

***** TMF_CDE BETWEEN 2 AND 4

MOVE ZERO TO WS-CT.
EXEC SQL
SELECT COUNT(*)
INTO :WS-CT
FROM HSIS15
WHERE ACCD_KEY = :HSIS19-DATA.ACCD-KEY
AND INJRY_SEV_CDE BETWEEN '2' AND '4'
AND TMF_CDE BETWEEN '2' AND '4'

END-EXEC.

IF SQLCODE < 0

```
MOVE 'PGM HSIBEDSW - SELECT ERR ON INJURED HSIS15'  
  TO PARM-ERR-MSG  
MOVE SQLCODE  TO PARM-SQLCODE  
PERFORM 100A-GOBACK.  
ADD WS-CT  TO TOTAL-FED-INJURED.
```

```
*****  
*****   June 2002 Wesley  
*****   TMF_CDE = '1' being replaced with  
*****   TMF_CDE BETWEEN 2 AND 4  
*****
```

```
MOVE ZERO  TO WS-CT.
```

```
EXEC SQL  
  SELECT COUNT(*)  
  INTO :WS-CT  
  FROM HSIS17  
  WHERE ACCD_KEY = :HSIS19-DATA.ACCD-KEY  
  AND INJRY_SEV_CDE BETWEEN '2' AND '4'  
  AND TMF_CDE BETWEEN '2' AND '4'
```

```
END-EXEC.  
IF SQLCODE < 0  
  MOVE 'PGM HSIBEDSW - SELECT ERR ON INJURED HSIS17'  
  TO PARM-ERR-MSG  
  MOVE SQLCODE  TO PARM-SQLCODE  
  PERFORM 100A-GOBACK.
```

```
ADD WS-CT  TO TOTAL-FED-INJURED.
```

```
*****  
***** END OF SELECT COUNT  
*****
```

```
EXEC SQL  
  SELECT ACCD_KEY  
  INTO :W-ACCD-KEY  
  FROM HSIS15  
  WHERE ACCD_KEY = :HSIS19-DATA.ACCD-KEY  
  AND INJRY_SEV_CDE = '1'  
END-EXEC.
```

```
MOVE SQLCODE  TO W-SQLCODE.
```

```
IF NOT GOOD-SQLCODE
  MOVE 'PGM HSIBEDSW - SELECT ERR ON FATAL HSI15'
    TO PARM-ERR-MSG
  MOVE SQLCODE TO PARM-SQLCODE
  PERFORM 100A-GOBACK.
```

```
IF FOUND-RECORDS
  MOVE 'Y' TO FED-RPTABL-SW
  GO TO 5Z-EXIT.
```

```
EXEC SQL
  SELECT ACCD_KEY
    INTO :W-ACCD-KEY
    FROM HSI17
    WHERE ACCD_KEY = :HSI19-DATA.ACCD-KEY
      AND INJRY_SEV_CDE = '1'
END-EXEC.
```

```
MOVE SQLCODE TO W-SQLCODE.
```

```
IF NOT GOOD-SQLCODE
  MOVE 'PGM HSIBEDSW - SELECT ERR ON FATAL HSI17'
    TO PARM-ERR-MSG
  MOVE SQLCODE TO PARM-SQLCODE
  PERFORM 100A-GOBACK.
```

```
IF FOUND-RECORDS
  MOVE 'Y' TO FED-RPTABL-SW
  GO TO 5Z-EXIT.
```

```
IF TOTAL-FED-INJURED = ZERO
  PERFORM 2A-TOW-CHECK
ELSE
  MOVE 'Y' TO FED-RPTABL-SW.
```

```
5Z-EXIT. EXIT.
```

Pedcyc_sw

HSIBEDSW

```
*****  
*****  PEDALCYCLE SWITCH  
*****  
  
EXEC SQL  
  SELECT ACCD_KEY  
  INTO :W-ACCD-KEY  
  FROM HSIS17  
  WHERE ACCD_KEY = :HSIS19-DATA.ACCD-KEY  
  AND SEAT_PSTN_CDE = '19'  
END-EXEC.  
MOVE SQLCODE  TO W-SQLCODE.  
IF NOT GOOD-SQLCODE  
  MOVE 'PGM HSIBEDSW - SELECT ERR ON PEDACYCLE SW'  
  TO PARM-ERR-MSG  
  MOVE SQLCODE  TO PARM-SQLCODE  
  PERFORM 100A-GOBACK.  
  
IF NO-RECORDS  
  MOVE 'N'  TO PEDCYC-SW  
ELSE  
  MOVE 'Y'  TO PEDCYC-SW.
```

Peds_sw

HSIBEDSW

```
*****  
*****  PEDESTRIAN SWITCH  
*****  
  
EXEC SQL  
  SELECT ACCD_KEY  
  INTO :W-ACCD-KEY  
  FROM HSIS17  
  WHERE ACCD_KEY = :HSIS19-DATA.ACCD-KEY  
  AND SEAT_PSTN_CDE = '18'  
END-EXEC.  
  
MOVE SQLCODE  TO W-SQLCODE.  
IF NOT GOOD-SQLCODE
```



```
MOVE 'PGM HSIBEDSW - SELECT ERR ON PEDESTRIAN SW'  
  TO PARM-ERR-MSG  
MOVE SQLCODE  TO PARM-SQLCODE  
PERFORM 100A-GOBACK.
```

```
IF NO-RECORDS  
  MOVE 'N'  TO PEDS-SW  
ELSE  
  MOVE 'Y'  TO PEDS-SW.
```

Mtrcyc_sw

HSIBEDSW

```
*****  
*****  MOTORCYCLE SWITCH  
*****
```

```
EXEC SQL  
  SELECT ACCD_KEY  
    INTO :W-ACCD-KEY  
    FROM HSIS14  
    WHERE ACCD_KEY = :HSIS19-DATA.ACCD-KEY  
      AND VEH_BODY_CDE BETWEEN '21' AND '25'  
END-EXEC.  
MOVE SQLCODE  TO W-SQLCODE.  
IF NOT GOOD-SQLCODE  
  MOVE 'PGM HSIBEDSW - SELECT ERR ON MOTORCYCLE '  
    TO PARM-ERR-MSG  
  MOVE SQLCODE  TO PARM-SQLCODE  
  PERFORM 100A-GOBACK.
```

```
IF NO-RECORDS  
  MOVE 'N'  TO MTRCYC-SW  
ELSE  
  MOVE 'Y'  TO MTRCYC-SW.
```

Schl_bus_sw

HSIBEDSW

```
*****
***** SCHOOL BUS SWITCH
***** June 2002 Wesley
***** SPCL_USE_CDE = '4' being replaced with
***** SCH_BUS_RLT_C = '2'
*****
```

```
EXEC SQL
  SELECT ACCD_KEY
  INTO :W-ACCD-KEY
  FROM HSIS19
  WHERE ACCD_KEY = :HSIS19-DATA.ACCD-KEY
  AND SCH_BUS_RLT_C = '2'
END-EXEC.
MOVE SQLCODE TO W-SQLCODE.
IF NOT GOOD-SQLCODE
  MOVE 'PGM HSIBEDSW - SELECT ERR ON SCHOOL BUS '
  TO PARM-ERR-MSG
  MOVE SQLCODE TO PARM-SQLCODE
  PERFORM 100A-GOBACK.

IF NO-RECORDS
  MOVE 'N' TO SCHL-BUS-SW
ELSE
  MOVE 'Y' TO SCHL-BUS-SW.
```

Teen_sw

HSIBEDSW

```
*****
***** TEEN DRIVER SWITCH
*****
```

```
EXEC SQL
  SELECT A.ACCD_KEY
  INTO :W-ACCD-KEY
  FROM HSIS19 A
  , HSIS09 B
  WHERE A.ACCD_KEY = B.ACCD_KEY
  AND YEAR(ACCD_DT - DRVR_BIRTH_DT) < 20
  AND A.ACCD_KEY = :HSIS19-DATA.ACCD-KEY
```

```

END-EXEC.
MOVE SQLCODE  TO W-SQLCODE.
IF NOT GOOD-SQLCODE
  MOVE 'PGM HSIBEDSW - SELECT ERR ON TEEN COUNT'
    TO PARM-ERR-MSG
  MOVE SQLCODE  TO PARM-SQLCODE
  PERFORM 100A-GOBACK.
IF NO-RECORDS
  MOVE 'N'  TO TEEN-SW
ELSE
  MOVE 'Y'  TO TEEN-SW.

```

Young_drvr_sw

HSIBEDSW

```

*****
****  YOUNG DRIVER SWITCH
*****

```

```

EXEC SQL
  SELECT A.ACCD_KEY
  INTO :W-ACCD-KEY
  FROM HSIS19 A
    , HSIS09 B
  WHERE A.ACCD_KEY = B.ACCD_KEY
  AND YEAR(ACCD_DT - DRVR_BIRTH_DT) < 25
  AND A.ACCD_KEY = :HSIS19-DATA.ACCD-KEY
END-EXEC.

MOVE SQLCODE  TO W-SQLCODE.
IF NOT GOOD-SQLCODE
  MOVE 'PGM HSIBEDSW - SELECT ERR ON YOUNG DRIVER '
    TO PARM-ERR-MSG
  MOVE SQLCODE  TO PARM-SQLCODE
  PERFORM 100A-GOBACK.
IF NO-RECORDS
  MOVE 'N'  TO YOUNG-DRVR-SW
ELSE
  MOVE 'Y'  TO YOUNG-DRVR-SW.

```

Farm_eqp_sw

HSIBEDSW

```
*****  
*****  FARM EQUIPMENT SWITCH  
*****
```

```
EXEC SQL  
  SELECT ACCD_KEY  
  INTO :W-ACCD-KEY  
  FROM HSIS14  
  WHERE ACCD_KEY = :HSIS19-DATA.ACCD-KEY  
  AND VEH_BODY_CDE = '29'  
END-EXEC.  
MOVE SQLCODE  TO W-SQLCODE.  
IF NOT GOOD-SQLCODE  
  MOVE 'PGM HSIBEDSW - SELECT ERR ON FARM EQUIP ' '  
  TO PARM-ERR-MSG  
  MOVE SQLCODE  TO PARM-SQLCODE  
  PERFORM 100A-GOBACK.  
IF NO-RECORDS  
  MOVE 'N'  TO FARM-EQP-SW  
ELSE  
  MOVE 'Y'  TO FARM-EQP-SW.
```

Tractr_tralr_sw

HSIBEDSW

```
*****  
*****  TRACTOR TRAILER SWITCH  
*****
```

```
EXEC SQL  
  SELECT ACCD_KEY  
  INTO :W-ACCD-KEY  
  FROM HSIS14  
  WHERE ACCD_KEY = :HSIS19-DATA.ACCD-KEY  
  AND VEH_BODY_CDE BETWEEN '06' AND '08'  
END-EXEC.  
MOVE SQLCODE  TO W-SQLCODE.  
IF NOT GOOD-SQLCODE
```

```
MOVE 'PGM HSIBEDSW-SELECT ERR ON TRACTOR TRAILER'  
    TO PARM-ERR-MSG  
MOVE SQLCODE  TO PARM-SQLCODE  
PERFORM 100A-GOBACK.  
IF NO-RECORDS  
    MOVE 'N'  TO TRACTR-TRALR-SW  
ELSE  
    MOVE 'Y'  TO TRACTR-TRALR-SW.
```

Dbl_bot_tralr_sw

HSIBEDSW

```
*****  
*****  DOUBLE BOTTOM TRAILER SWITCH  *****  
*****
```

```
EXEC SQL  
    SELECT ACCD_KEY  
        INTO :W-ACCD-KEY  
        FROM HSIS14  
        WHERE ACCD_KEY = :HSIS19-DATA.ACCD-KEY  
        AND VEH_BODY_CDE BETWEEN '07' AND '08'  
END-EXEC.
```

```
MOVE SQLCODE  TO W-SQLCODE.  
IF NOT GOOD-SQLCODE  
    MOVE 'PGM HSIBEDSW - SELECT ERR ON DOUBLE BOTTOM '  
        TO PARM-ERR-MSG  
    MOVE SQLCODE  TO PARM-SQLCODE  
    PERFORM 100A-GOBACK.  
IF NO-RECORDS  
    MOVE 'N'  TO DBL-BOT-TRALR-SW  
ELSE  
    MOVE 'Y'  TO DBL-BOT-TRALR-SW.
```

Non_accd_sw

HSIBEDSW

```
*****  
*****  NON-ACCIDENT SWITCH  *****
```

```
MOVE 'N' TO NON-ACCD-SW.  
EXEC SQL  
  SELECT ACCD_KEY  
  INTO :W-ACCD-KEY  
  FROM HSIS09  
  WHERE ACCD_KEY = :HSIS19-DATA.ACCD-KEY  
  AND DMV_EXCLSN_CDE BETWEEN '3' AND '5'  
END-EXEC.
```

```
MOVE SQLCODE TO W-SQLCODE.  
IF NOT GOOD-SQLCODE  
  MOVE 'PGM HSIBEDSW - SELECT ERR ON NON ACCD # 1'  
  TO PARM-ERR-MSG  
  MOVE SQLCODE TO PARM-SQLCODE  
  PERFORM 100A-GOBACK.
```

```
IF FOUND-RECORDS  
  MOVE 'Y' TO NON-ACCD-SW  
  GO TO 1B-ALCHOL-TEST.
```

```
EXEC SQL  
  SELECT ACCD_KEY  
  INTO :W-ACCD-KEY  
  FROM HSIS09  
  WHERE ACCD_KEY = :HSIS19-DATA.ACCD-KEY  
  AND DMV_EXCLSN_CDE = '1'  
END-EXEC.
```

```
MOVE SQLCODE TO W-SQLCODE.  
IF NOT GOOD-SQLCODE  
  MOVE 'PGM HSIBEDSW - SELECT ERR ON NON ACCD # 2'  
  TO PARM-ERR-MSG  
  MOVE SQLCODE TO PARM-SQLCODE  
  PERFORM 100A-GOBACK.
```

```
IF NO-RECORDS  
  GO TO 1B-ALCHOL-TEST.
```

```
EXEC SQL  
  SELECT ACCD_KEY  
  INTO :W-ACCD-KEY  
  FROM HSIS09  
  WHERE ACCD_KEY = :HSIS19-DATA.ACCD-KEY
```

```
        AND (DMV_EXCLSN_CDE = '0' OR DMV_EXCLSN_CDE = '2')
END-EXEC.
```

```
MOVE SQLCODE  TO W-SQLCODE.
IF NOT GOOD-SQLCODE
  MOVE 'PGM HSIBEDSW - SELECT ERR ON NON ACCD # 3'
    TO PARM-ERR-MSG
  MOVE SQLCODE  TO PARM-SQLCODE
  PERFORM 100A-GOBACK.
IF NO-RECORDS
  MOVE 'Y'  TO NON-ACCD-SW.
```

Alcohol_rltd_sw

HSIBEDSW

3A-ACOHOL-SWITCH SECTION.

```
*****
****  ALCOHOL RELATED SWITCH
****  June 2002 Wesley
****  DRVR_COND_CDE = '4' being replaced with
****  ALC_DRG_SUS_C IN ('2','4')
*****
```

```
EXEC SQL
  SELECT ACCD_KEY
  INTO  :W-ACCD-KEY
  FROM  HSIS09
  WHERE ACCD_KEY = :HSIS19-DATA.ACCD-KEY
        AND (BAC_LVL_AMT > .010 OR
              (ALC_DRG_SUS_C IN ('2','4') AND
               BAC_LVL_AMT IS NULL))
END-EXEC.
```

```
MOVE SQLCODE  TO W-SQLCODE.
IF NOT GOOD-SQLCODE
  MOVE 'PGM HSIBEDSW - SELECT ERR ON ALCHOL HSIS09'
    TO PARM-ERR-MSG
  MOVE SQLCODE  TO PARM-SQLCODE
  PERFORM 100A-GOBACK.
```

```
IF FOUND-RECORDS
```

MOVE 'Y' TO ALCOHL-RLTD-SW
GO TO 3Z-ACHOL-SWITCH-EXIT.

```
*****  
***** June 2002 Wesley  
***** PEDS_COND_CDE = '4' being replaced with  
***** ALC_DRG_SUS_C IN ('2','4')  
*****
```

```
EXEC SQL  
  SELECT ACCD_KEY  
  INTO :W-ACCD-KEY  
  FROM HSI17  
  WHERE ACCD_KEY = :HSI19-DATA.ACCD-KEY  
  AND (BAC_LVL_AMT > .010 OR  
       (ALC_DRG_SUS_C IN ('2','4') AND  
        BAC_LVL_AMT IS NULL))  
END-EXEC.
```

```
MOVE SQLCODE TO W-SQLCODE.  
IF NOT GOOD-SQLCODE  
  MOVE 'PGM HSI17 - SELECT ERR ON ALCOHL HSI17'  
  TO PARM-ERR-MSG  
  MOVE SQLCODE TO PARM-SQLCODE  
  PERFORM 100A-GOBACK.
```

```
IF FOUND-RECORDS  
  MOVE 'Y' TO ALCOHL-RLTD-SW  
ELSE  
  MOVE 'N' TO ALCOHL-RLTD-SW.  
3Z-ACHOL-SWITCH-EXIT. EXIT.
```

tot_fatly_acccd

HSIHEDIT

```
EXEC SQL  
  DECLARE HSI15CUR CURSOR FOR  
  SELECT ACCD_KEY  
  , VEH_NUM  
  , OCCPNT_NUM  
  , DRVR_SW
```



```
        , SEAT_PSTN_CDE
        , INJRY_SEV_CDE
FROM HSI15
WHERE HSI15.ACCD_KEY = :HSIS19-DATA.ACCD-KEY
END-EXEC.
```

```
EXEC SQL
  FETCH HSI15CUR
  INTO
    :HSIS15-DATA.ACCD-KEY
    , :HSIS15-DATA.VEH-NUM
    , :HSIS15-DATA.OCCPNT-NUM
    , :HSIS15-DATA.DRVR-SW
    , :HSIS15-DATA.SEAT-PSTN-CDE :SEAT-PSTN-CDE-15-NULL
    , :HSIS15-DATA.INJRY-SEV-CDE :INJRY-SEV-CDE-15-NULL
END-EXEC.
```

```
IF INJRY-SEV-CDE OF HSI15-DATA = '1'
  ADD +1 TO TOTAL-FATLTY-ACCD.
```

Total_injrd_accd

HSIHEDIT

```
EXEC SQL
  DECLARE HSI15CUR CURSOR FOR
  SELECT ACCD_KEY
        , VEH_NUM
        , OCCPNT_NUM
        , DRVR_SW
        , SEAT_PSTN_CDE
        , INJRY_SEV_CDE
  FROM HSI15
  WHERE HSI15.ACCD_KEY = :HSIS19-DATA.ACCD-KEY
END-EXEC.
```

```
EXEC SQL
  FETCH HSI15CUR
  INTO
    :HSIS15-DATA.ACCD-KEY
    , :HSIS15-DATA.VEH-NUM
    , :HSIS15-DATA.OCCPNT-NUM
```

```
, :HSIS15-DATA.DRVR-SW
, :HSIS15-DATA.SEAT-PSTN-CDE :SEAT-PSTN-CDE-15-NULL
, :HSIS15-DATA.INJRY-SEV-CDE :INJRY-SEV-CDE-15-NULL
END-EXEC.
```

```
IF INJRY-SEV-CDE OF HSIS15-DATA = '2' OR '3' OR '4'
ADD +1 TO TOTAL-INJRD-ACCD.
```

tot_truk_bus

HSIHEDIT

EXEC SQL

```
DECLARE HSI14CUR CURSOR FOR
```

```
SELECT ACCD_KEY
```

```
, VEH_NUM
```

```
, USE_DRVR_EST_SW
```

```
, VEH_OWNR_NM
```

```
, INVSTG_EST_DMG
```

```
, DRVR_EST_DMG
```

```
, VEH_BODY_CDE
```

```
, DRVRLS_CDE
```

```
, HVY_TRUK_BUS_SW
```

```
, TOWED_BY_VEH_NUM
```

```
, TOWED_UNIT_CDE
```

```
FROM HSIS14
```

```
WHERE HSIS14.ACCD_KEY = :HSIS19-DATA.ACCD-KEY
```

```
END-EXEC.
```

EXEC SQL

```
FETCH HSI14CUR
```

```
INTO
```

```
:HSIS14-DATA.ACCD-KEY
```

```
, :HSIS14-DATA.VEH-NUM
```

```
, :USE-DRVR-EST-SW
```

```
, :HSIS14-DATA.VEH-OWNR-NM
```

```
, :INVSTG-EST-DMG :INVSTG-EST-DMG-14-NULL
```

```
, :DRVR-EST-DMG :DRVR-EST-DMG-14-NULL
```

```
, :VEH-BODY-CDE
```

```
, :DRVRLS-CDE
```

```
, :HVY-TRUK-BUS-SW
```

```
        , :TOWED-BY-VEH-NUM :TOWED-BY-VEH-NUM-14-NULL
        , :TOWED-UNIT-CDE
END-EXEC.
```

```
IF (VEH-BODY-CDE > '00' AND < '10')
    OR
    (VEH-BODY-CDE > '36' AND < '41')
    ADD +1 TO TOTAL-TRUK-BUS.
```

Tot_drvr_accd

HSIHEDIT

```
EXEC SQL
    DECLARE HSI09CUR CURSOR FOR
    SELECT ACCD_KEY
        , VEH_NUM
    FROM HSI09
    WHERE HSI09.ACCD_KEY = :HSIS19-DATA.ACCD-KEY
END-EXEC.
```

9A-FETCH-CURS09.

```
EXEC SQL
    FETCH HSI09CUR
    INTO
        :HSIS09-DATA.ACCD-KEY
        , :HSIS09-DATA.VEH-NUM
END-EXEC.
```

```
IF SQLCODE = +0
    ADD +1 TO TOTAL-DRVR-ACCD, DRVR-SUB
    MOVE VEH-NUM OF HSI09-DATA TO T-DRVR-VEH-NUM (DRVR-SUB)
    GO TO 9A-FETCH-CURS09.
```

```
9A-CURS09-EXIT.
EXIT.
```

Tot_veh_ownr

HSIHEDIT

```

EXEC SQL
  DECLARE HSI14CUR CURSOR FOR
    SELECT ACCD_KEY
      , VEH_NUM
      , USE_DRVR_EST_SW
      , VEH_OWNR_NM
      , INVSTG_EST_DMG
      , DRVR_EST_DMG
      , VEH_BODY_CDE
      , DRVRLS_CDE
      , HVY_TRUK_BUS_SW
      , TOWED_BY_VEH_NUM
      , TOWED_UNIT_CDE

    FROM HSI14
    WHERE HSI14.ACCD_KEY = :HSIS19-DATA.ACCD-KEY
  END-EXEC.

```

```

EXEC SQL
  FETCH HSI14CUR
  INTO
    :HSIS14-DATA.ACCD-KEY
    , :HSIS14-DATA.VEH-NUM
    , :USE-DRVR-EST-SW
    , :HSIS14-DATA.VEH-OWNR-NM
    , :INVSTG-EST-DMG :INVSTG-EST-DMG-14-NULL
    , :DRVR-EST-DMG :DRVR-EST-DMG-14-NULL
    , :VEH-BODY-CDE
    , :DRVRLS-CDE
    , :HVY-TRUK-BUS-SW
    , :TOWED-BY-VEH-NUM :TOWED-BY-VEH-NUM-14-NULL
    , :TOWED-UNIT-CDE
  END-EXEC.

```

```

IF VEH-OWNR-NM OF HSI14-DATA = SPACE OR LOW-VALUE
  NEXT SENTENCE
ELSE
  ADD +1 TO TOTAL-VEH-OWNR.

```

Tot_veh_accd

HSIHEDIT

EXEC SQL

DECLARE HSI14CUR CURSOR FOR

SELECT ACCD_KEY

, VEH_NUM

, USE_DRVR_EST_SW

, VEH_OWNR_NM

, INVSTG_EST_DMG

, DRVR_EST_DMG

, VEH_BODY_CDE

, DRVRLS_CDE

, HVY_TRUK_BUS_SW

, TOWED_BY_VEH_NUM

, TOWED_UNIT_CDE

FROM HSI14

WHERE HSI14.ACCD_KEY = :HSIS19-DATA.ACCD-KEY

END-EXEC.

EXEC SQL

FETCH HSI14CUR

INTO

:HSIS14-DATA.ACCD-KEY

, :HSIS14-DATA.VEH-NUM

, :USE-DRVR-EST-SW

, :HSIS14-DATA.VEH-OWNR-NM

, :INVSTG-EST-DMG :INVSTG-EST-DMG-14-NULL

, :DRVR-EST-DMG :DRVR-EST-DMG-14-NULL

, :VEH-BODY-CDE

, :DRVRLS-CDE

, :HVY-TRUK-BUS-SW

, :TOWED-BY-VEH-NUM :TOWED-BY-VEH-NUM-14-NULL

, :TOWED-UNIT-CDE

END-EXEC.

ADD 1 TO VEH-SUB, TOTAL-VEH-ACCD.

Tot_objct_accd

EXEC SQL

DECLARE HSI13CUR CURSOR FOR

SELECT ACCD_KEY

```
        , OBJECT_OWNR_NUM
        , EST_DMG_AMT
    FROM HSI13
    WHERE HSI13.ACCD_KEY = :HSIS19-DATA.ACCD-KEY
END-EXEC.
```

```
EXEC SQL
    FETCH HSI13CUR
    INTO
        :HSIS13-DATA.ACCD-KEY
        , :HSIS13-DATA.OBJECT-OWNR-NUM
        , :HSIS13-DATA.EST-DMG-AMT   :EST-DMG-AMT-13-NULL
END-EXEC.
```

```
IF SQLCODE = +100
    GO TO 13Z-CURS13-EXIT.
IF SQLCODE = +0
    NEXT SENTENCE
ELSE
    MOVE ' SQL ERR ON FETCH OF CURSOR13 ' TO SQLERR-MESSAGE
    PERFORM 50A-SQL-ERROR.
```

```
ADD +1 TO TOTAL-OBJECT-OWNR.
```

Tot_peds_accd

HSIHEDIT

```
EXEC SQL
    DECLARE HSI17CUR CURSOR FOR
        SELECT ACCD_KEY
            , PEDS_NUM
            , INJRY_SEV_CDE
        FROM HSI17
        WHERE HSI17.ACCD_KEY = :HSIS19-DATA.ACCD-KEY
END-EXEC.
```

```
EXEC SQL
    FETCH HSI17CUR
    INTO
        :HSIS17-DATA.ACCD-KEY
        , :HSIS17-DATA.PEDS-NUM
```

```
      , :HSIS17-DATA.INJRY-SEV-CDE  
END-EXEC.
```

```
IF SQLCODE = +100  
  GO TO 17Z-CURS17-EXIT.  
IF SQLCODE = +0  
  NEXT SENTENCE  
ELSE  
  MOVE ' SQL ERR ON FETCH OF CURSOR17 ' TO SQLERR-MESSAGE  
  PERFORM 50A-SQL-ERROR.
```

```
ADD +1 TO TOTAL-PEDS-ACCD.
```

Tot_occptnt_accd

HSIHEDIT

```
EXEC SQL  
  DECLARE HSI15CUR CURSOR FOR  
  SELECT ACCD_KEY  
    , VEH_NUM  
    , OCCPNT_NUM  
    , DRVR_SW  
    , SEAT_PSTN_CDE  
    , INJRY_SEV_CDE  
  FROM HSI15  
  WHERE HSI15.ACCD_KEY = :HSIS19-DATA.ACCD-KEY  
END-EXEC.
```

```
MOVE SPACE TO HSI15-DATA.
```

```
EXEC SQL  
  FETCH HSI15CUR  
  INTO  
    :HSIS15-DATA.ACCD-KEY  
  , :HSIS15-DATA.VEH-NUM  
  , :HSIS15-DATA.OCCPNT-NUM  
  , :HSIS15-DATA.DRVR-SW  
  , :HSIS15-DATA.SEAT-PSTN-CDE :SEAT-PSTN-CDE-15-NULL  
  , :HSIS15-DATA.INJRY-SEV-CDE :INJRY-SEV-CDE-15-NULL  
END-EXEC.  
IF SQLCODE = +100  
  GO TO 15Z-CURS15-EXIT.
```

```
IF SQLCODE = +000
  NEXT SENTENCE
ELSE
  MOVE ' SQL ERR ON FETCH OF CURSOR15 ' TO SQLERR-MESSAGE
  GO TO 50A-SQL-ERROR.
```

```
ADD +1 TO OCC-SUB, TOTAL-OCCPNT-ACCD.
```

Trp_area

Source : QMF update to HSI19Z table by Barb F. or DB2 DBA

```
5274 EXEC SQL SELECT
005276 CNTY_CDE,
005278 TRP_AREA
005280 INTO
005282 :HSI19Z-REC.CNTY-CDE,
005284 :HSI19Z-REC.TRP-AREA
005286 FROM
005288 HSI19Z
005290 WHERE
005292 CNTY_CDE = :LOCS0907-REC.CNTY-CDE END-EXEC.
```

rte_sgng_cde (IHIS0103)

HSIA019 (update for HSI19)

Source : IHIS0103 Bob JaegerMaterial and Research area (M&R) . Maintained through C1 screens and M&R is the custodian of that data (Maintenance program and Query program) ...

```
3660 EXEC SQL SELECT
013662 A.HWY_NUM,
013664 A.BEG_REF_POST_NUM,
013666 A.END_REF_POST_NUM,
013668 A.LANE_DIR_CDE,
013670 A.LANE_NUM,
013672 A.CNTY_CDE,
013674 A.CITY_CNSS_CDE,
```



```

013678     A.RTE_SGNG_CDE,
013680     A.FAS_CDE,
013682     A.RR_NM_CDE,
013684     A.MDN_TYP_CDE,
013686     A.NUM_THRU_LANES,
013688     A.CMPSS_DIR_CDE,
013690     A.TRUK_ADT_TOT_NUM,
013692     A.INTER_NUM,
           A.FCLTY_TYP_CDE
013696     INTO
013698     :IHIS0103-REC.HWY-NUM,
013700     :IHIS0103-REC.BEG-REF-POST-NUM,
013702     :IHIS0103-REC.END-REF-POST-NUM,
013704     :IHIS0103-REC.LANE-DIR-CDE,
013706     :IHIS0103-REC.LANE-NUM,
013708     :IHIS0103-REC.CNTY-CDE,
013710     :IHIS0103-REC.CITY-CNSS-CDE,
013714     :IHIS0103-REC.RTE-SGNG-CDE,
013716     :IHIS0103-REC.FAS-CDE,
013718     :IHIS0103-REC.RR-NM-CDE,
013720     :IHIS0103-REC.MDN-TYP-CDE,
013722     :IHIS0103-REC.NUM-THRU-LANES,
013724     :IHIS0103-REC.CMPSS-DIR-CDE,
013726     :IHIS0103-REC.TRUK-ADT-TOT-NUM,
013728     :IHIS0103-REC.INTER-NUM,
           :IHIS0103-REC.FCLTY-TYP-CDE
013732     FROM
013734     IHIS0103 A
013736     WHERE
013738     HWY_NUM = :WS-HWY-NUM
013740     AND
013742     BEG_REF_POST_NUM < :WS-REF-POST
013744     AND
013746     END_REF_POST_NUM >= :WS-REF-POST
013748     AND
013750     LANE_DIR_CDE = :WS-DIR
013752     AND
013754     LANE_NUM = 1 END-EXEC

```

Nat_funct_cde (IHIS0103)

HSIA019 (insert & update for HSIS19)

Source : IHIS0103 Bob JaegerMaterial and Research area (M&R). Maintained through C1 screens and M&R is the custodian of that data (Maintenance program and Query program) ...

```
EXEC SQL SELECT
013662      A.HWY_NUM,
013664      A.BEG_REF_POST_NUM,
013666      A.END_REF_POST_NUM,
013668      A.LANE_DIR_CDE,
013670      A.LANE_NUM,
013672      A.CNTY_CDE,
013674      A.CITY_CNSS_CDE,
013678      A.RTE_SGNG_CDE,
013680      A.FAS_CDE,
013682      A.RR_NM_CDE,
013684      A.MDN_TYP_CDE,
013686      A.NUM_THRU_LANES,
013688      A.CMPSS_DIR_CDE,
013690      A.TRUK_ADT_TOT_NUM,
013692      A.INTER_NUM,
           A.FCLTY_TYP_CDE
013696      INTO
013698      :IHIS0103-REC.HWY-NUM,
013700      :IHIS0103-REC.BEG-REF-POST-NUM,
013702      :IHIS0103-REC.END-REF-POST-NUM,
013704      :IHIS0103-REC.LANE-DIR-CDE,
013706      :IHIS0103-REC.LANE-NUM,
013708      :IHIS0103-REC.CNTY-CDE,
013710      :IHIS0103-REC.CITY-CNSS-CDE,
013714      :IHIS0103-REC.RTE-SGNG-CDE,
013716      :IHIS0103-REC.FAS-CDE,
013718      :IHIS0103-REC.RR-NM-CDE,
013720      :IHIS0103-REC.MDN-TYP-CDE,
013722      :IHIS0103-REC.NUM-THRU-LANES,
013724      :IHIS0103-REC.CMPSS-DIR-CDE,
013726      :IHIS0103-REC.TRUK-ADT-TOT-NUM,
013728      :IHIS0103-REC.INTER-NUM,
           :IHIS0103-REC.FCLTY-TYP-CDE
013732      FROM
013734      IHIS0103 A
013736      WHERE
```

```
013738      HWY_NUM = :WS-HWY-NUM
013740      AND
013742      BEG_REF_POST_NUM < :WS-REF-POST
013744      AND
013746      END_REF_POST_NUM >= :WS-REF-POST
013748      AND
013750      LANE_DIR_CDE = :WS-DIR
013752      AND
013754      LANE_NUM = 1 END-EXEC
```

Pop_grp_cde (LOCS0906)
HSIA019 (insert & update for HSIS19)

Source : LOCS0906 Bob JaegerMaterial and Research area (M&R). Maintained through C1 screens and M&R is the custodian of that data (Maintenance program and Query program) ...

```
EXEC SQL SELECT
013028      CITY_CNSS_CDE,
013030      POP_GRP_CDE
013032      INTO
013034      :LOCS0906-REC.CITY-CNSS-CDE,
013036      :LOCS0906-REC.POP-GRP-CDE
013038      FROM
013040      LOCS0906
013042      WHERE
013044      CITY_CNSS_DESC = :HSIX019-CITY-CNSS-DESC
013046      AND
013048      DCTVTN_DT = :WS-END-OF-WORLD END-EXEC
```

```
130 EXEC SQL SELECT
013132      CITY_CNSS_DESC,
013134      POP_GRP_CDE
013136      INTO
013138      :LOCS0906-REC.CITY-CNSS-DESC,
013140      :LOCS0906-REC.POP-GRP-CDE
013142      FROM
013144      LOCS0906
013146      WHERE
013148      CITY_CNSS_CDE = :HSIX019-CITY-CNSS-CDE
```

013150

AND

013152

DCTVTN_DT = :WS-END-OF-WORLD END-EXEC