

DATA ELEMENTS ON HSI

ACCIDENT DATA

TABLE HSIP19

<u>Entered Screen HSIX019</u>	<u>Element Name</u>
2. Accident Date	ACCD_DT
3. County Code	CNTY_CDE
5. Investigator Report Received Date	RPT_RCVD_DT
6. Accident Time Code	ACCD_TM_CDE
7. City Code	CITY_CNSS_CDE
8. CADD Zone Number	CADD_ZN_NUM
9. 1st or 2nd Accident Switch	FSA_SW
10. Location	ACCD_LOC_RMK
11. Highway Number	HWY_NUM
12. Reference Post Number	REF_POST_NUM
13. Lane Direction Code	LANE_DIR_CDE
14. Public/Private Property Code	PPP_CDE
15. Road Class Code	RD_CLS_CDE
16. Intersection Type Code	INTER_TYP_CDE
17. In Traffic Switch	IN_TRAF_SW
18. Related Highway Number	RLTD_HWY_NUM
19. Related Reference Post	RLTD_REF_POST
20. One Way Switch	ONE_WAY_SW
21. Speed Limit	MAX_SPD_LMT
22. Detour Switch	DTR_SW
23. Detour Highway Number	DTR_HWY_NUM
24. Bridge Involvement Code	BRI_INVLVM_CDE
25. Railroad Involvement Code	RR_INVLVM_CDE
26. Federal Railroad Crossing Number	FED_RR_XNG_NUM
27. Railroad Name Code	RR_NM_CDE
28. Point of Impact with Train Code	PIRR_CDE
29. Weather Condition Code	WTHR_COND_CDE
30. Light Condition Code	LGHT_COND_CDE
31. Traffic Control Code 1	TRAF_CNTRL1_CDE
32. Traffic Control Code 2	TRAF_CNTRL2_CDE
33. Road Character Code	RD_CHAR_CDE
34. Road Surface Code	RD_SURF_CDE
35. Road Surface Condition Code	RSC_CDE
36. Total Number of Through Lanes Code	TNL_CDE
37. Median Type Code	MDN_TYP_CDE
38. Work Zone Code	WRK_ZN_CDE
39. Major Human Factor Code	MAJ_HUM_FAC_CDE
40. Vehicle Number	VEH_NUM
41. Major Environmental Factor Code	MEF_CDE
42. First Harmful Event Code	FHE_CDE
43. Relation to Roadway Code	RLTN_TO_RD_CDE
44. Directional Analysis Code	DIR_ANALYS_CDE
45. Investigation at Scene Switch	INVSTG_AT_SCN_SW
46. Engineering Study Switch	ENGRNG_STDY_SW
47. Investigator Type Code	INVSTG_TYP_CDE

Computer GeneratedElement Name

1.	Accident Key	ACCD_KEY
4.	Accident Sequence Number	ACCD_SEQ_NUM
48.	Accident Severity Code	ACCD_SEV_CDE
49.	Population Group Code	POP_GRP_CDE
50.	National Functional Class Code	NAT_FUNCNT_CDE
51.	Route Signing Code	RTE_SGNG_CDE
52.	State Patrol Troop Area	TRP_AREA (Table HSIP19Z)
53.	Total Occupants in Accident	TOT_OCCPNT_ACCD
54.	Total Pedestrians in Accident	TOT_PEDS_ACCD
55.	Total Object Owners in Accident	TOT_OBJCT_ACCD
56.	Total Vehicles in Accident	TOT_VEH_ACCD
57.	Total Vehicle Owners in Accident	TOT_VEH_OWNR
58.	Total Drivers in Accident	TOT_DRVR_ACCD
59.	Total Heavy Trucks/Buses in Acc.	TOT_TRUK_BUS
60.	Total Injuries in Accident	TOT_INJRD_ACCD
61.	Total Fatalities in Accident	TOT_FATLTY_ACCD
62.	Alcohol Related Switch	ALCOHL_RLTD_SW
63.	Non Accident Switch	NON_ACCD_SW
64.	Double Bottom Trailer Switch	DBL_BOT_TRALR_SW
65.	Tractor Trailer Switch	TRACTR_TRALR_SW
66.	Farm Equipment Switch	FARM_EQP_SW
67.	Young Driver Switch	YOUNG_DRVR_SW
68.	Teen Switch	TEEN_SW
69.	School Bus Switch	SCHL_BUS_SW
70.	Motorcycle Switch	MTRCYC_SW
71.	Pedestrian Switch	PEDS_SW
72.	Pedalcyclist Switch	PEDCYC_SW
73.	Federal Reportable Switch	FED_RPTABL_SW
74.	Total Federal Injured	TOT_FED_INJRD
75.	Latitude	LAT
76.	Longitude	LONG
1.	* Case Status Code	CASE_STAT_CDE
2.	* Record Entry ID	REC_PUT_ID
3.	* Record Entry Date	REC_PUT_DT
4.	* Record Update ID	REC_UPDT_ID
5.	* Record Update Date	REC_UPDT_DT
6.	* Date Record Deleted	REC_DELETE_DT (Table HSIP191)
7.	* Print Front Sheet Switch	PRNT_FRNT_SHT_SW
8.	* First Front Sheet Date	FRST_FRNT_SHT_DT
9.	* Last Front Sheet Date	LAST_FRNT_SHT_DT
10.	* Last Program Name	LAST_PGM_NM
11.	* Last Vehicle Number	LAST_VEH_NUM
12.	* Last Object Number	LAST_OBJCT_NUM
13.	* Last Pedestrian Number	LAST_PEDS_NUM
14.	* Last Driverless Code	LAST_DRVLS_CDE
15.	* Number of Vehicle Screens	NUM_VEH_SCRNS
16.	* Number of Object Screens	NUM_OBJCT_SCRNS
17.	* Number of Pedestrian Screens	NUM_PEDS_SCRNS
18.	* Highway Number Required Switch	HWY_NUM_SW (Table HSIP19C)
29.	* Last Count Date	LAST_CNT_DT

* Listed in System Upkeep Section

Ties to Other TablesElement Name

1. Accident Key	ACCD_KEY
40. Vehicle Number	VEH_NUM

DESCRIPTION TABLES

<u>Table</u>	<u>Element</u>	<u>Element Name</u>	<u>For Code</u>
1. HSIP19A	Accident Time Code	ACCD_TM_DESC TM_CDE	ACCD_TM_CDE
2. HSIP19B	Case Status Code	CASE_STAT_DESC	CASE_STAT_CDE
3. HSIP19C	Road Class Code	RD_CLS_DESC	RD_CLS_CDE
4. HSIP19D	Intersection Type	INTER_TYP_DESC	INTER_TYP_CDE
5. HSIP19E	Bridge Involvement	BRI_INVLVM_DESC	BRI_INVLVM_CDE
6. HSIP19F	Railroad Involvement	RR_INVLVM_DESC	RR_INVLVM_CDE
7. HSIP19G	Weather Condition	WTHR_COND_DESC	WTHR_COND_CDE
8. HSIP19H	Light Condition	LGHT_COND_DESC	LGHT_COND_CDE
9. HSIP19I	Traffic Control Code	TRAF_CNTRL_DESC	TRAF_CNTRL_CDE
10. HSIP19J	Road Surface Code	RD_SURF_DESC	RD_SURF_CDE
11. HSIP19K	Road Character Code	RD_CHAR_DESC	RD_CHAR_CDE
12. HSIP19L	Road Surface Cond.	RSC-DESC RSC_SHRT_DESC	RSC_CDE
13. HSIP19M	No. of Through Lanes	TNL_DESC	TNL_CDE
14. HSIP19N	Median Type Code	MDN_TYP_DESC	MDN_TYP_CDE
15. HSIP19O	Work Zone Code	WRK_ZN_DESC	WRK_ZN_CDE
16. HSIP19P	Major Human Factor	MAJ_HUM_FAC_DESC	MAJ_HUM_FAC_CDE
17. HSIP19Q	Major Environmental	MEF_DESC	MEF_CDE
18. HSIP19R	Accident Severity	ACCD_SEV_DESC ACCD_SEV_SHRT_DESC	ACCD_SEV_CDE
19. HSIP19S	First Harmful Event	FHE_SHRT_DESC	FHE_CDE
20. HSIP19T	Relation to Roadway	RLTN_TO_RD_DESC	RLTN_TO_RD_CDE
21. HSIP19U	Directional Analysis	DIR_ANLYS_DESC DIR_ANLYS_SHRT	DIR_ANLYS_CDE
22. HSIP19V	Investigator Type	INVSTG_TYP_DESC	INVSTG_TYP_CDE
23. HSIP19W	Railroad Name	RR_NM_DESC RR_NM_SHRT_DESC	RR_NM_CDE
24. HSIP19X	Pt. of Impact w/ RR	PIRR_DESC	PIRR_CDE
25. HSIP19Y	Public/Private Prop.	PPP_DESC	PPP_CDE
26. HSIP19Z	NSP Troop Area	TRP_AREA	TRP_AREA
27. LOCP0907	County Code	CNTY_DESC	CNTY_CDE
28. LOCP0906	City Code	CITY_CNSS_DESC	CITY_CNSS_CDE
29. IHIP0921	Lane Direction	LANE_DIR_DESC LANE_DIR_SHRT	LANE_DIR_CDE
30. CLSP0908	Population Group	POP_GRP_DESC	POP_GRP_CDE
31. CLSP0907	Nat. Functional Class	NAT_FUNCT_DESC	NAT_FUNCT_CDE
32. CLSP0916	Route Signing	RTE_SGNG_DESC	RTE_SGNG_CDE

VEHICLE DATA

TABLE HSIP14

<u>Entered Screen HSIX014</u>	<u>Element Name</u>
1. Vehicle Number	VEH_NUM
2. Investigator Estimated Damage	INVSTG_EST_DMG
3. Use Driver Estimate Switch	USE_DRVR_EST_SW
4. Driver/Owner Estimated Damage	DRVR_EST_DMG
5. Vehicle Year	VEH_MODEL_YR
6. Vehicle Make Code	VEH_MAKE_CDE
7. Vehicle Bodystyle Code	VEH_BODY_CDE
8. Vehicle Identification Number (VIN)	VIN
9. Direction Before Accident Code	VEH_DIR_BEF_CDE
10. Vehicle Movement Code	VEH_MVMNT_CDE
11. Point of Impact Code	PT_IMPACT_CDE
12. Disposition of Vehicle Code	VEH_DSPSTN_CDE
13. Vehicle Condition Code	VEH_COND_CDE
14. Extent Vehicle Deformed Code	VEH_DFRMTY_CDE
15. Most Harmful Event Code	MHE_CDE
16. Driverless Code	DRVRLS_CDE
17. Emergency Vehicle Switch	EMRGCY_VEH_SW
18. Towed by Vehicle Number	TOWED_BY_VEH_NUM
19. Towed Unit Code	TOWED_UNIT_CDE
20. Special Use Code	SPCL_USE_CDE
21. Government Ownership Code	GVMT_OWNR_CDE
22. Owner Report Received Date	VEH_OWNR_RPT_DT
23. Owner Name	VEH_OWNR_NM
24. Vehicle License State Code	VEH_LIC_ST_CDE
25. Vehicle License Number	VEH_LIC_NUM
26. Contributing Circumstance Switch	CNTRB_CRCMST_SW
27. Heavy Truck/Bus Switch	HVY_TRUK_BUS_SW

<u>Computer Generated</u>	<u>Element Name</u>
19. * Vehicle Owner Name Soundex	VEH_OWNR_NM_SNDX
2. * Record Entry ID	REC_PUT_ID
3. * Record Entry Date	REC_PUT_DT
4. * Record Update ID	REC_UPDT_ID
5. * Record Update Date	REC_UPDT_DT

* Listed in System Upkeep Section

DRIVER DATA

TABLE HSIP09

<u>Entered Screen HSIX009</u>	<u>Element Name</u>
1. Driver Report Received Date	RPT_RCVD_DT
2. Driver Name	DRVR_NM
3. Driver License State Code	DRVR_LIC_ST_CDE
4. Driver License Number	DRVR_LIC_NUM
5. Driver Date of Birth	DRVR_BIRTH_DT
6. Driver Sex Code	DRVR_SEX_CDE
7. Driver Residence Code	RSDNC_CDE
8. Reason for Not Seeing Danger Code	SEENG_DNGR_CDE
9. Driver Condition Code	DRVR_COND_CDE
10. Driver Alcohol Test Code	ALCOHL_TST_CDE
11. Driver BAC Level	BAC_LVL_AMT
12. DMV Exclusion Code	DMV_EXCLSN_CDE
13. Officer Contacted Switch	INVSTG_SW

<u>Computer Generated</u>	<u>Element Name</u>
19. * Driver Name Soundex	DRVR_NM_SNDX
2. * Record Entry ID	REC_PUT_ID
3. * Record Entry Date	REC_PUT_DT
4. * Record Update ID	REC_UPDT_ID
5. * Record Update Date	REC_UPDT_DT

* Listed in System Upkeep Section

<u>Ties to Other Tables</u>	<u>Element Name</u>
1. + Accident Key	ACCD_KEY
1. @ Vehicle Number	VEH_NUM

+ Listed in Accident Data Section

@ Listed in Vehicle Data Section

DESCRIPTION TABLES

<u>Table</u>	<u>Element</u>	<u>Element Name</u>	<u>For Code</u>
1. HSIP09A	Not Seeing Danger	SEENG_DNGR_DESC	SEENG_DNGR_CDE
2. HSIP09B	Dr. Residence Code	RSDNC_DESC	RSDNC_CDE
3. HSIP09C	Driver Condition	DRVR_COND_DESC	DRVR_COND_CDE
4. HSIP09D	DMV Exclusion Code	DMV_EXCLSN_DESC	DMV_EXCLSN_CDE
5. HSIP09E	Driver Sex Code	SEX_DESC	SEX_CDE
6. HSIP09F	Dr. License State	ST_DESC	ST_CDE
7. HSIP09H	Driver Alcohol Test	ALCOHL_TST_DESC	ALCOHL_TEST_CDE

INSURANCE DATA

TABLE HSIP091

Entered Screen HSIX009

Element Name

1. Insurance Company ID	INSRNC_CMPY_ID
3. Insurance Agent Name	INSRNC_AGNT_NM
4. Insurance Policy Number	INSRNC_PLCY_NUM
5. Insurance Policy Holder Name	PLCY_HLDR_NM
6. Insurance Denied Switch	DEND_INSRNC_SW

Computer Generated

Element Name

21. * Insurance Policy Holder Soundex	HLDR_NM_SNDX
22. * Insurance Agent Name Soundex	AGNT_NM_SNDX
2. * Record Entry ID	REC_PUT_ID
3. * Record Entry Date	REC_PUT_DT
4. * Record Update ID	REC_UPDT_ID
5. * Record Update Date	REC_UPDT_DT

* Listed in System Upkeep Section

Ties to Other Tables

Element Name

1. + Accident Key	ACCD_KEY
1. @ Vehicle Number	VEH_NUM

+ Listed in Accident Data Section

@ Listed in Vehicle Data Section

OCCUPANT DATA

TABLE HSIP15

<u>Entered Screen HSIX015</u>	<u>Element Name</u>
1. Occupant Number	OCCPNT_NUM
2. Driver Switch	DRVR_SW
3. Restraint Use Code	RSTRNT_USE_CDE
4. Air Bag Deployment Switch	AIRBAG_DPLYD_SW
5. No Airbag Available Switch	AIRBAG_SW
6. Helmet Use Switch	HELMET_USE_SW
7. Occupant Name	OCCPNT_NM
8. Occupant Date of Birth	OCCPNT_BIRTH_DT
9. Occupant Sex Code	OCCPNT_SEX_CDE
10. Seating Position Code	SEAT_PSTN_CDE
11. Ejected/Trapped Code	EJCTD_TRPD_CDE
12. Body Region w/Most Severe Injury	BPH_CDE
13. Injury Severity Code	INJRY_SEV_CDE
14. Transported to Medical Facility	TMF_CDE

<u>Computer Generated</u>	<u>Element Name</u>
24. * Occupant Name Soundex	OCCPNT_NM_SNDX
2. * Record Entry ID	REC_PUT_ID
3. * Record Entry Date	REC_PUT_DT
4. * Record Update ID	REC_UPDT_ID
5. * Record Update Date	REC_UPDT_DT

* Listed in System Upkeep Section

<u>Ties to Other Tables</u>	<u>Element Name</u>
1. + Accident Key	ACCD_KEY
1. @ Vehicle Number	VEH_NUM

+ Listed in Accident Data Section

@ Listed in Vehicle Data Section

HEAVY TRUCK/BUS DATA

TABLE HSIP10

<u>Entered Screen HSIX010</u>	<u>Element Name</u>
1. Number of Axles	NUM_OF_AXL
2. Gross Vehicle Weight Rating	GWWR_AMT
3. Carrier Name	CARRIER_NM
4. Carrier Address (1 st Line)	CARRIER_ADR1
5. Carrier Address (2 nd Line)	CARRIER_ADR2
6. Carrier City Name	CARRIER_CITY
7. Carrier State Code	CARRIER_ST_CDE
8. Carrier Zip	CARRIER_ZIP
9. Carrier Name Source Code	NM_SRC_CDE
10. US DOT Number	US_DOT_NUM
11. ICC MC Number	ICC_MC_NUM
12. ID State Code	CARRIER_ID_ST_CDE
13. State ID Number	CARRIER_ST_ID_NUM
14. Commerce Classification Code	COMRCE_CLS_CDE
15. Truck Width (in inches)	TRUK_WDTH
16. Cargo Body Type Code	CBT_CDE
17. First Sequence of Events Code	FRST_SE_CDE
18. Second Sequence of Events Code	SCND_SE_CDE
19. Third Sequence of Events Code	THRD_SE_CDE
20. Fourth Sequence of Events Code	FRTH_SE_CDE
21. Hazardous Materials Placard Switch	HMP_SW
22. 1 st Placard Name or 4-digit ID	FRST_HMP_NM
23. 1 st Placard 1-digit ID	FRST_HMP_1_ID
24. 2 nd Placard Name or 4-digit ID	SCND_HMP_NM
25. 2 nd Placard 1-digit ID	SCND_HMP_1_ID
26. Hazardous Materials Release Switch	HMR_SW
27. Last Extract Date	LAST_EXTRCT_DT
28. Officer Badge Number	OFC_BDG_NUM

<u>Computer Generated</u>	<u>Element Name</u>
25. * Carrier Name Soundex	CARRIER_NM_SNDX
2. * Record Entry ID	REC_PUT_ID
3. * Record Entry Date	REC_PUT_DT
4. * Record Update ID	REC_UPDT_ID
5. * Record Update Date	REC_UPDT_DT

* Listed in System Upkeep Section

OBJECT DATA

TABLE HSIP13

<u>Entered Screen HSIX013</u>	<u>Element Name</u>
1. Object Owner Number	OBJCT_OWNR_NUM
2. Object Owner Name	OBJCT_OWNR_NM
3. Object Owner Name ID	OBJCT_OWNR_NM_ID
4. Estimated Damage Amount	EST_DMG_AMT
5. Estimate Source Code	EST_SRC_CDE
6. Object Owner Report Received Date	RPT_RCVD_DT
8. Object Type Category Code	OTC_CDE

<u>Computer Generated</u>	<u>Element Name</u>
26. * Object Owner Name Soundex	OBJCT_OWNR_SNDX
2. * Record Entry ID	REC_PUT_ID
3. * Record Entry Date	REC_PUT_DT
4. * Record Update ID	REC_UPDT_ID
5. * Record Update Date	REC_UPDT_DT

* Listed in System Upkeep Section

<u>Ties to Other Tables</u>	<u>Element Name</u>
1. + Accident Key	ACCD_KEY

+ Listed in Accident Data Section

TABLE HSIP131

<u>Entered Screen HSIX013</u>	<u>Element Name</u>
7. Object Type Code	OBJCT_TYP_CDE

<u>Computer Generated</u>	<u>Element Name</u>
2. * Record Entry ID	REC_PUT_ID
3. * Record Entry Date	REC_PUT_DT
4. * Record Update ID	REC_UPDT_ID
5. * Record Update Date	REC_UPDT_DT

* Listed in System Upkeep Section

<u>Ties to Other Tables</u>	<u>Element Name</u>
1. Object Owner Number	OBJCT_OWNR_NUM
1. + Accident Key	ACCD_KEY

+ Listed in Accident Data Section

PEDESTRIAN/BICYCLIST DATA

TABLE HSIP17

<u>Entered Screen HSIX017</u>	<u>Element Name</u>
1. Pedestrian Number	PEDS_NUM
2. Pedestrian Name	PEDS_NM
3. Pedestrian Date of Birth	PEDS_BIRTH_DT
4. Pedestrian Sex Code	PEDS_SEX_CDE
5. Seat Position Code	SEAT_PSTN_CDE
6. Body Region w/Most Severe Injury	BPH_CDE
7. Injury Severity Code	INJRY_SEV_CDE
8. Transported to Medical Facility	TMF_CDE
9. Helmet Use Switch	HELMET_USE_SW
10. Pedestrian Action Code	PEDS_ACTN_CDE
11. Pedestrian Location Code	PEDS_LOC_CDE
12. Pedestrian Condition Code	PEDS_COND_CDE
13. Pedestrian Report Received Date	RPT_RCVD_DT
14. Blood Alcohol Level Amount	BAC_LVL_AMT
15. Alcohol Test Code	ALCOHL_TST_CDE

<u>Computer Generated</u>	<u>Element Name</u>
27. * Pedestrian Name Soundex	PEDS_NM_SNDX
2. * Record Entry ID	REC_PUT_ID
3. * Record Entry Date	REC_PUT_DT
4. * Record Update ID	REC_UPDT_ID
5. * Record Update Date	REC_UPDT_DT

* Listed in System Upkeep Section

<u>Ties to Other Tables</u>	<u>Element Name</u>
1. + Accident Key	ACCD_KEY

+ Listed in Accident Data Section

DESCRIPTION TABLES

<u>Table</u>	<u>Element</u>	<u>Element Name</u>	<u>For Code</u>
1. HSIP17A	Pedestrian Action	PEDS_ACTN_DESC	PEDS_ACTN_CDE
2. HSIP17B	Pedestrian Condition	PEDS_COND_DESC	PEDS_COND_CDE
3. HSIP17C	Pedestrian Location	PEDS_LOC_DESC	PEDS_LOC_CDE

INCIDENT DATA

TABLE HSIP33

Entered Screen HSIX033

Element Name

- | | |
|--------------------|----------------|
| 1. Incident Date | INCDNT_DT |
| 2. Incident Number | INCDNT_SEQ_NUM |

Computer Generated

Element Name

- | | |
|------------------------|------------|
| 2. * Record Entry ID | REC_PUT_ID |
| 3. * Record Entry Date | REC_PUT_DT |

* Listed in System Upkeep Section

Ties to Other Tables

Element Name

- | | |
|-------------------|----------|
| 1. + Accident Key | ACCD_KEY |
|-------------------|----------|

+ Listed in Accident Data Section

NEGATIVE DATA

TABLE HSIP03

<u>Entered Screen HSIX003</u>	<u>Element Name</u>
1. Negative Accident Date	NEG_ACCD_DT
2. Negative County Code	NEG_CNTY_CDE
3. Negative Set Number	NEG_SET_NUM
4. Photographer Name	PHTGPR_NM
5. Badge Number	BADGE_NM
6. Negative Received Date	NEG_RCVD_DT
7. Number of B & W Negatives	NEG_BLK_WHT_AMT
8. Number of Color Negatives	NEG_COLOR_AMT
9. Negative Label Remarks 1	NEG_LBL_RMK1
10. Negative Label Remarks 2	NEG_LBL_RMK2
11. Negative Label Remarks 3	NEG_LBL_RMK3
12. Print Label Switch	NEG_PRINT_LBL_SW

<u>Computer Generated</u>	<u>Element Name</u>
28. * Photographer Name Soundex	PHTGPR_NM_SNDX
2. * Record Entry ID	REC_PUT_ID
3. * Record Entry Date	REC_PUT_DT
4. * Record Update ID	REC_UPDT_ID
5. * Record Update Date	REC_UPDT_DT

* Listed in System Upkeep Section

<u>Ties to Other Tables</u>	<u>Element Name</u>
1. + Accident Key	ACCD_KEY
+ Listed in Accident Data Section	

NEGATIVE DATA

- NEGATIVE ACCIDENT DATE
 Data entered on screen HSIX003
 Element name on table: NEG_ACCD_DT
 Data Type: Date
 Length: 10
 Appears on Tables: HSIP03
 Example: 1993-04-15