CODEBOOK FOR STCS_6.SAS7BDAT
(Induced-exposure crashes from 13 State files, with national weights)

Observations: 2,478,776
Variables: 49

Alphabetic List of Variables

ABS – Antilock brake system (4-wheel)   Type: Numeric8
  0   Not ABS-equipped
  .01-.99 proportion of vehicles with ABS (optional but cannot be identified for an individual vehicle from the 1st 12 digits of its VIN)
  1   ABS-equipped

AWD – All-wheel-drive or 4-wheel-drive   Type: Numeric8
  0   FWD or RWD – i.e., not equipped with AWD or 4-wheel-drive
  .01-.99 proportion of vehicles with AWD or 4-wheel-drive (optional but cannot be identified from 1st 12 digits of VIN)
  1   equipped with AWD or 4-wheel-drive

BLOCKER – Voluntary vehicle-to-vehicle compatibility certification Type: Numeric8
  0   Not certified (or not a pickup truck or SUV)
  1   Certified, Option 1 (bumper height overlap with passenger cars)
  2   Certified, Option 2 ("blocker beam" or other secondary energy-absorbing structure)

BOD2 – Passenger car body type   Type: Numeric8
  0   Not a passenger car
  1   2-door convertible
  2   2-door coupe or sedan
  3   3-door hatchback
  4   4-door sedan
  5   5-door hatchback
  6   Station wagon

CG – Car group   Type: Numeric8
  1303-64005 Download 10Formats2007.sas, CarGroup2007.docx, or LTVGroup2007.docx for valid codes

CGP – Car group codes for merging with Polk data Type: Numeric8
  1303-64005 Download 10Formats2007.sas, CarGroup2007.docx, or LTVGroup2007.docx for valid codes

COMBO – Side air bag with torso/head protection ("combination" bag)   Type: Numeric8

0	Not equipped with combo bags
.01-.99	proportion of vehicles with combo bags (optional but cannot be identified from 1st 12 digits of VIN)
.75	Combo bag for driver only
1	Combo bags for driver and RF passenger (Note: a combo bag is a single bag that protects the head and torso; separate curtains and torso bags are coded CURTAIN=1, TORSO=1, COMBO=0)

CURBWT – Curb weight (pounds)   Type: Numeric8

1799 – 7520	Curb weight in pounds

CURTAIN – Head curtain air bags for front-seat occupants   Type: Numeric8

0	Not equipped with head curtain bags
.01-.99	proportion of vehicles with curtain bags (optional but cannot be identified from 1st 12 digits of VIN)
1	Head curtains for driver and RF passenger

CY – Calendar year   Type: Numeric8

2002 – 2008	Calendar year in which the crash occurred

DRVAGE – Driver age   Type: Numeric8

14 – 96	Age of the driver (unknown or out-of-range excluded)

DRVMALE – Male driver   Type: Numeric8

0	Female driver
1	Male driver (non-reported gender excluded)

DUMMY – "Dummy" induced-exposure case   Type: Numeric8

0	Original induced-exposure case, same MY and CY as the case vehicle
1	No original case available, used a case of the same make-model and MY, but different CY
2	No original case available, used a case of the same make-model, but different MY and CY

ESC – Electronic stability control   Type: Numeric8

0	Not ESC-equipped
.01-.99	proportion of vehicles with ESC (optional but cannot be identified for an individual vehicle from the 1st 12 digits of its VIN)
1	ESC-equipped

FOOTPRNT – Footprint (square feet)   Type: Numeric8

34.6 – 81.0	Footprint in square feet (TRAKWDTH X WB_MIN converted to square feet)

GE10 – GVWR ≥ 10,000 pounds   Type: Numeric8
    0   GVWR (gross vehicle weight rating) < 10,000 pounds
    1   GVWR ≥ 10,000 pounds

HIFAT_ST – High-fatality-rate State   Type: Numeric8
    0   One of the 26 States with < 160 crash fatalities per million vehicle registration years in 2002-2008
    1   One of the 24 States with > 160 crash fatalities per million vehicle registration years in 2002-2008

MAK2 – Vehicle Make   Type: Numeric8
2	Jeep
3	Hummer
6	Chrysler
7	Dodge
9	Plymouth
11	Sprinter
12	Ford
13	Lincoln
14	Mercury
18	Buick
19	Cadillac
20	Chevrolet
21	Oldsmobile
22	Pontiac
23	GMC
24	Saturn
30	Volkswagen
32	Audi
33	Mini-Cooper
34	BMW
35	Nissan
37	Honda
38	Isuzu
39	Jaguar
41	Mazda
42	Mercedes-Benz
45	Porsche
47	Saab
48	Subaru
49	Toyota (including Scion)
51	Volvo
52	Mitsubishi
53	Suzuki
54	Acura
55	Hyundai

58	Infiniti
59	Lexus
62	Land-Rover
63	Kia
64	Daewoo

MM2 – Make-model   Type: Numeric8

2001-64033 Download 10Formats2007.sas, CarGroup2007.docx, or LTVGroup2007.docx for valid codes

MMP – Make-model codes for merging with Polk data Type: Numeric8

2001-64033 Download 10Formats2007.sas, CarGroup2007.docx, or LTVGroup2007.docx for valid codes

MY – Model year   Type: Numeric8

2000 – 2007 Model year of the case vehicle

NITE – Time of day when the crash occurred Type: Numeric8

0	6:00 a.m. to 6:59 p.m.
.01-.99	In 2002-2006 Alabama data, estimated probability that the crash occurred from 7:00 p.m. to 5:59 a.m., depending on light condition and month (as inferred from case number)
1	7:00 p.m. to 5:59 a.m.

PASSIVE – Frontal air bags   Type: Numeric8

0	Not equipped with frontal air bags
2	Dual frontal air bags
3	Dual frontal air bags with a manual on-off switch for the RF passenger
9	Unknown if equipped and/or what type

RDSUR – Road surface condition   Type: Numeric8

0	Dry
1	Wet, muddy, or oily
2	Snow, ice, or slush
9	Unknown

REGWTFA – Registration-year weight factor Type: Numeric8

0 – 18437 Weight factor; share of the nation's vehicle registration years allocated to this induced-exposure case

ROLLCURT – Head curtain air bags designed to deploy in rollovers Type: Numeric8

0	Not equipped with rollover curtain bags
.01-.99	proportion of vehicles with rollover curtain bags (optional but cannot be identified from 1st 12 digits of VIN)
1	Rollover curtains for driver and RF passenger (Note: CURTAIN should also be coded 1)

RURAL – County population density   Type: Numeric8

    0   Crash occurred in a county with $\geq$ 250 inhabitants per square mile in the 2000 census

    1   Crash occurred in a county with < 250 inhabitants per square mile

SPDLIM55 – Speed limit 55+   Type: Numeric8

    0   Speed limit < 55 mph or not reported, for all roadways involved in the crash

    1   Speed limit $\geq$ 55 mph for at least one roadway involved in the crash

SQUADCAR – Police model   Type: Numeric8

    0   Not a Ford Crown Victoria or Chevrolet Impala "police" model and not a 2004-2005 Chevrolet Impala SS

    1   Ford Crown Victoria or Chevrolet Impala "police" model or 2004-2005 Chevrolet Impala SS

STATE – State where the crash occurred   Type: Numeric8

    1   Alabama
   12   Florida
   20   Kansas
   21   Kentucky
   24   Maryland
   26   Michigan
   29   Missouri
   34   New Jersey
   42   Pennsylvania
   53   Washington State
   55   Wisconsin
   56   Wyoming

TORSO – Side air bag with torso protection   Type: Numeric8

    0   Not equipped with torso bags

  .01-.99   proportion of vehicles with torso bags (optional but cannot be identified from 1st 12 digits of VIN)

   .25   Torso bag for RF passenger only

    1   Torso bags for driver and RF passenger

TRAKWDTH – Track width (inches, average of front and rear wheels)   Type: Numeric8

  54 – 72.65   Average of front and rear track width, in inches

TW_F – Track width, front wheels (inches)   Type: Numeric8

  54.5 – 71.6 Front track width, in inches

TW_R – Track width, rear wheels (inches)   Type: Numeric8

  52.2 – 75.8 Rear track width, in inches

V1 – 1st character of the VIN   Type: Character1

V2 – 2nd character of the VIN   Type: Character1
V3 – 3rd character of the VIN   Type: Character1
V4 – 4th character of the VIN   Type: Character1
V5 – 5th character of the VIN   Type: Character1
V6 – 6th character of the VIN   Type: Character1
V7 – 7th character of the VIN   Type: Character1
V8 – 8th character of the VIN   Type: Character1
V11 – 11th character of the VIN   Type: Character1
V12 – 12th character of the VIN   Type: Character1

VEHAGE – Vehicle age in years (CY – MY)   Type: Numeric8
     0 – 8   Age of the case vehicle (years)

VMTWTFA – VMT weight factor   Type: Numeric8
0 – 223,502,857   Weight factor; share of the nation's VMT allocated to this induced-exposure
                 case

VTYP – Case vehicle type   Type: Numeric8
     1   Passenger car, 2 doors
     2   Passenger car, 4 doors
     3   Pickup truck, light duty (compact or 150-series)
     4   Pickup truck, heavy duty (250- or 350-series)
     5   SUV, truck-based
     6   CUV (crossover SUV)
     7   Minivan, except Chevrolet Astro or GMC Safari
     7.1   Chevrolet Astro or GMC Safari
     8   Full-sized van

WB_MAX – Maximum wheelbase (inches, for selected pickup trucks)   Type: Numeric8
     117.5 – 172.4 Maximum wheelbase for pickup trucks that can have 2 or more bed lengths
                 for the same 12-character VIN (left blank for all other vehicles and not used
                 in computing footprint)

WB_MIN – Wheelbase (inches)   Type: Numeric8
     86.6 – 170.3 Wheelbase (and if this is a pickup truck, wheelbase for the shortest bed
                 available for this 12-character VIN)