

2000 NC FARS data run looking at the Large Trucks Only  
 Relevant crosstabs of crash variables by Crash year for NC ONLY  
 For Dr Ron Hughes -- for a back-ground check on FARS data  
 October 17 , 2000 ----- by Eric A. Rodgman

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The FREQ Procedure

BODY TYPE

BODY_TYP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
SUT low GVW	5	2.94	5	2.94
SUT med GVW	4	2.35	9	5.29
SUT hi GVW	35	20.59	44	25.88
Truck/Tractor	123	72.35	167	98.24
Unknown Med/Hvy	3	1.76	170	100.00

MODEL YEAR

MOD_YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1973	1	0.59	1	0.59
1978	1	0.59	2	1.18
1979	1	0.59	3	1.76
1983	3	1.76	6	3.53
1984	4	2.35	10	5.88
1985	2	1.18	12	7.06
1986	6	3.53	18	10.59
1987	3	1.76	21	12.35
1988	6	3.53	27	15.88
1989	8	4.71	35	20.59
1990	9	5.29	44	25.88
1991	7	4.12	51	30.00
1992	2	1.18	53	31.18
1993	10	5.88	63	37.06
1994	10	5.88	73	42.94
1995	16	9.41	89	52.35
1996	15	8.82	104	61.18
1997	20	11.76	124	72.94
1998	14	8.24	138	81.18
1999	10	5.88	148	87.06
2000	18	10.59	166	97.65
2001	4	2.35	170	100.00

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NUMBER OF AXLES

AXLES	Frequency	Percent	Cumulative Frequency	Cumulative Percent
2	15	8.82	15	8.82
3	18	10.59	33	19.41
4	7	4.12	40	23.53
5	111	65.29	151	88.82
6	7	4.12	158	92.94
8	1	0.59	159	93.53
Heavy Tr/Bus Unk	11	6.47	170	100.00

CARGO BODY TYPE

CARGO_BT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Van/Enclosed Box	91	53.53	91	53.53
Cargo Tank	10	5.88	101	59.41
Flatbed	22	12.94	123	72.35
Dump	27	15.88	150	88.24
Garbage/Refuse	3	1.76	153	90.00
Other Truck Body	9	5.29	162	95.29
Unk Truck Body	8	4.71	170	100.00

MAKE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Ford	18	10.59	18	10.59
Chevrolet	2	1.18	20	11.76
GMC	4	2.35	24	14.12
Isuzu	3	1.76	27	15.88
Volvo	6	3.53	33	19.41
Freightliner	42	24.71	75	44.12
Internat Harv	29	17.06	104	61.18
Kenworth	18	10.59	122	71.76
Mack	16	9.41	138	81.18
Peterbilt	15	8.82	153	90.00
White/Autocar	10	5.88	163	95.88
Other Make	7	4.12	170	100.00

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The FREQ Procedure

VEHICLE MODEL

MAK_MOD	Frequency	Percent
FORD Truck CBE	17	10.00
FORD Unk Med/Hvy Truck	1	0.59
CHEV CBE	2	1.18
GMC CBE	4	2.35
ISUZ COE lo ent	3	1.76
VOLV CBE	3	1.76
VOLV Unk eng loc	1	0.59
VOLV Unk entry	2	1.18
FRHT CBE	36	21.18
FRHT COE hi ent	5	2.94
FRHT Unk med/hvy	1	0.59
INTL CBE	20	11.76
INTL COE hi ent	7	4.12
INTL Unk eng loc	1	0.59
INTL Unk med/hvy	1	0.59
KW CBE	17	10.00
KW Unk eng loc	1	0.59
MACK CBE	15	8.82
MACK COE lo ent	1	0.59
PTRB CBE	15	8.82
WHIT CBE	9	5.29
WHIT COE hi ent	1	0.59
Western Star	3	1.76
98809	1	0.59
Other CBE	2	1.18
Other Unk eng loc	1	0.59

VEHICLE MODEL

MAK_MOD	Cumulative Frequency	Cumulative Percent
FORD Truck CBE	17	10.00
FORD Unk Med/Hvy Truck	18	10.59
CHEV CBE	20	11.76
GMC CBE	24	14.12
ISUZ COE lo ent	27	15.88
VOLV CBE	30	17.65
VOLV Unk eng loc	31	18.24
VOLV Unk entry	33	19.41

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The FREQ Procedure

VEHICLE MODEL

	MAK_MOD	Cumulative Frequency	Cumulative Percent
FRHT CBE		69	40.59
FRHT COE hi ent		74	43.53
FRHT Unk med/hvy		75	44.12
INTL CBE		95	55.88
INTL COE hi ent		102	60.00
INTL Unk eng loc		103	60.59
INTL Unk med/hvy		104	61.18
KW CBE		121	71.18
KW Unk eng loc		122	71.76
MACK CBE		137	80.59
MACK COE lo ent		138	81.18
PTRB CBE		153	90.00
WHIT CBE		162	95.29
WHIT COE hi ent		163	95.88
Western Star		166	97.65
	98809	167	98.24
Other CBE		169	99.41
Other Unk eng loc		170	100.00

VEHICLE CONFIGURATION

V_CONFIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
SUT: 2axle/6tire	14	8.24	14	8.24
SUT: 3+ axles	22	12.94	36	21.18
SUT: Unk axles	5	2.94	41	24.12
Truck/Trailer(s)	3	1.76	44	25.88
Truck Tractor	1	0.59	45	26.47
Tractor/Semi	118	69.41	163	95.88
Trk-No Classify	7	4.12	170	100.00

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RELATED FACTOR 1

DR_CF1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
None	120	70.59	120	70.59
Inattentive	6	3.53	126	74.12
Veh Unattended	2	1.18	128	75.29
W/O Req Equip	1	0.59	129	75.88
Not in Lane	11	6.47	140	82.35
Impr Start/Back	1	0.59	141	82.94
Erratic/Reckless	4	2.35	145	85.29
Failure to Yield	5	2.94	150	88.24
Failure to Obey	2	1.18	152	89.41
Driving too Fast	8	4.71	160	94.12
Wrong Way	1	0.59	161	94.71
Wrong Side of Rd	1	0.59	162	95.29
Stopping in Rd	1	0.59	163	95.88
Homocide	1	0.59	164	96.47
Other Violation	4	2.35	168	98.82
Unknown	2	1.18	170	100.00

RELATED FACTOR 2

DR_CF2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
None	152	89.41	152	89.41
Improper Tailing	1	0.59	153	90.00
Not in Lane	1	0.59	154	90.59
Erratic/Reckless	6	3.53	160	94.12
Failure to Yield	2	1.18	162	95.29
Driving too Fast	3	1.76	165	97.06
Stopping in Rd	1	0.59	166	97.65
Over Correcting	1	0.59	167	98.24
Homocide	1	0.59	168	98.82
Unknown	2	1.18	170	100.00

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The FREQ Procedure

VEHICLE MANEUVER

VEH_MAN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Going Straight	119	70.00	119	70.00
Slowing/Stopping	7	4.12	126	74.12
Starting in Lane	5	2.94	131	77.06
Stopped in Lane	5	2.94	136	80.00
Passing	1	0.59	137	80.59
Avoid Animal,etc	10	5.88	147	86.47
RTOR:not Known	1	0.59	148	87.06
Left Turn	3	1.76	151	88.82
Backing up	1	0.59	152	89.41
Changing Lanes	1	0.59	153	90.00
Negotiate Curve	17	10.00	170	100.00

TRUCK WEIGHT CODE

WGTCOD_TR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
10,001 - 14,000 lbs	2	1.18	2	1.18
14,001 - 16,000 lbs	3	1.76	5	2.94
16,001 - 19,500 lbs	1	0.59	6	3.53
19,501 - 26,000 lbs	7	4.12	13	7.65
26,001 - 33,000 lbs	15	8.82	28	16.47
33,001 and up	125	73.53	153	90.00
Unknown	17	10.00	170	100.00

GVW RATING

GVWR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
10,001-26,000	12	7.06	12	7.06
26,001 or more	155	91.18	167	98.24
Unknown	3	1.76	170	100.00

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The FREQ Procedure

DRIVER LICENCE TYPE COMPLIANCE

L_COMPL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not Valid	3	1.79	3	1.79
Valid	160	95.24	163	97.02
Unknown if CDL	3	1.79	166	98.81
Unknown	2	1.19	168	100.00

Frequency Missing = 2

LICENSE STATE

L_STATE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Alabama	1	0.60	1	0.60
Florida	1	0.60	2	1.19
Georgia	7	4.17	9	5.36
Illinois	1	0.60	10	5.95
Indiana	2	1.19	12	7.14
Michigan	2	1.19	14	8.33
Missouri	3	1.79	17	10.12
Nebraska	1	0.60	18	10.71
Nevada	1	0.60	19	11.31
New York	2	1.19	21	12.50
North Carolina	122	72.62	143	85.12
Pennsylvania	3	1.79	146	86.90
South Carolina	4	2.38	150	89.29
Tennessee	6	3.57	156	92.86
Virginia	8	4.76	164	97.62
Washington	1	0.60	165	98.21
West Virginia	1	0.60	166	98.81
Military	1	0.60	167	99.40
Canada	1	0.60	168	100.00

Frequency Missing = 2

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The FREQ Procedure

NON-CDL LICENCE STATUS

L_STATUS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Suspended	1	0.60	1	0.60
Valid	165	98.21	166	98.81
Unknown	2	1.19	168	100.00

Frequency Missing = 2

COMPLIANCE W/LIC RESTRICTIONS

L_RESTRI	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No Restrict,N/A	107	63.69	107	63.69
Complied	21	12.50	128	76.19
Compliance Unk	36	21.43	164	97.62
Unknown	4	2.38	168	100.00

Frequency Missing = 2

TOWED TRAILING UNIT

TOW_VEH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No	47	27.65	47	27.65
Yes/1 Unit	121	71.18	168	98.82
Yes/2 Units	1	0.59	169	99.41
Yes/3+ Units	1	0.59	170	100.00

year	Frequency	Percent	Cumulative Frequency	Cumulative Percent
2000	170	100.00	170	100.00

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The FREQ Procedure

YEAR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
2000	161	100.00	161	100.00