Preliminary 2011 SD Crash Statistics

April 4th -5th 2012 SD Transportation Safety Conference

Comparison with 2011 / 2010 Data

DPS, Office of Hwy Safety, Accident Records,
Chuck Fergen, TraCS Program Manager

SD Motor Vehicle Traffic
FIVE YEAR REVIEW

LAST FIVE YEAR DATA - TRAFFIC ACCIDENTS IN SOUTH DAKOTA

YEAR	TOTAL ACCIDENTS	PDO CRASHES	FATAL ACCIDENT	INJURY ACCIDENT	NUMBER KILLED	NUMBER INJURED
2011	17,342	13,273	100	3,969	110	5,365
2010	17,639	13,358	124	4,157	140	5,802
2009	16,996	12,784	112	4,100	131	5,702
2008	15,907	11,691	109	4,107	121	5,708
2007	16,220	12,019	130	4,071	146	5,782
2006	15,730	11,362	172	4,196	191	6,015

SD Motor Vehicle Traffic

FIVE YEAR REVIEW

LAST FIVE YEAR DATA - TRAFFIC ACCIDENTS IN SOUTH DAKOTA

YEAR	TOTAL ACCIDENTS	% CHG	PDO CRASHES	% CHG	FATAL ACCIDENT	% CHG	INJURY ACCIDENT	% CHG	NUMBER KILLED	% CHG	NUMBER INJURED	% CHG
2011	17,342	-1.7%	13,273	-0.6%	100	-19.4%	3,969	-4.5%	110	-21.4%	5,365	-7.5%
2010	17,639	3.8%	13,358	4.5%	124	10.7%	4,157	1.4%	140	6.9%	5,802	1.8%
2009	16,996	6.8%	12,784	9.3%	112	2.8%	4,100	-0.2%	131	8.3%	5,702	-0.1%
2008	15,907	-1.9%	11,691	-2.7%	109	-16.2%	4,107	0.9%	121	-17.1%	5,708	-1.3%
2007	16,220	3.1%	12,019	5.8%	130	-24.4%	4,071	-3.0%	146	-23.6%	5,782	-3.9%
2006	15,730		11,362		172		4,196		191		6,015	
AVG CHG LAST FIVE YEARS		2.0%		3.3%		-9.3%		-1.1%		-9.4%		-2.2%

SD Motor Vehicle Traffic
2012 snap shot to date

2012 accidents number 3,254

- 21 fatal accidents, 21 fatalities
  - speed, lack of seat belts, failure to yield, alcohol, texting, eluding
    - 3 fatal motorcycle accidents – drivers
      - 1 mc – failure to yield, speed, passing on shoulder
      - 1 mc - run off road, speed ?
      - 1 mc speed ? - other vehicle failure to yield
- 525 injury accidents
- 2,708 property damage only

NOTE : Stat's from accident reports received thus far. February and March reports still being received.

SD Motor Vehicle Traffic

Statewide Summary Totals

- 2011 12 months Accidents = 17,342
- **2010 Total Accidents = 17,639**
- 2009 Total Accidents = 16,996
  - Decrease of 1.7% (297) less than 2010

- 2011 Fatalities = 110……14 from MC
- 2010 Fatalities = 140……27 from MC
- 2009 Fatalities = 131……16 from MC
  - Decrease of 21.4% (30) less than 2010
  - Also decrease of 16.0% (21) less than 2009

MC Motor Vehicle Traffic

Statewide Summary Totals

- 2011 Total Accidents = 455
- **2010 Total Accidents = 528**
  - Decrease of 13.8% (73) less than 2010

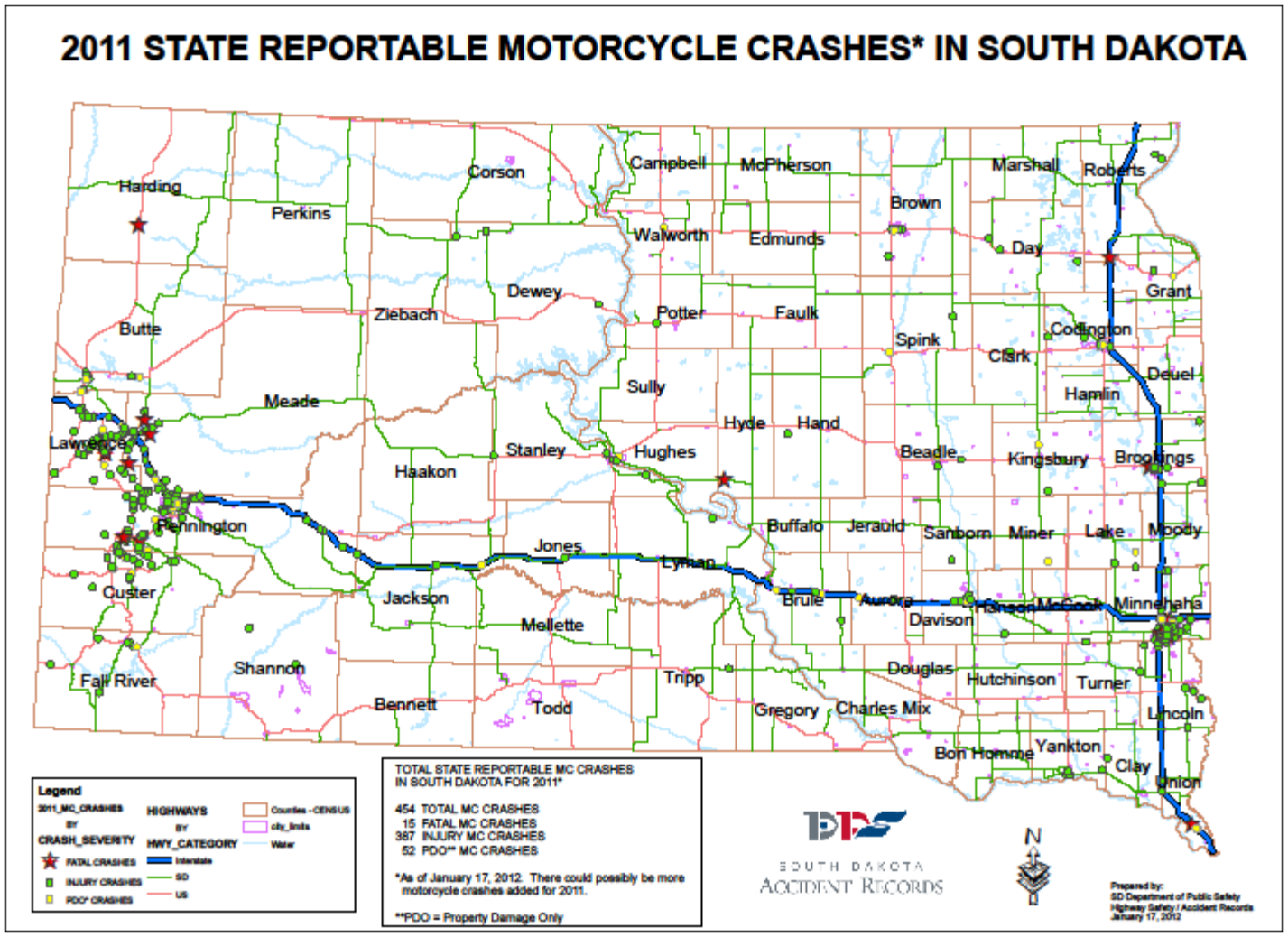
- 2011 Fatality Accidents = 15 (14 cyclist, 1 pedestrian hit by MC)
- 2010 Fatality Accidents = 27
  - Decrease of 44.4% (12) less than 2010

MC Motor Vehicle Traffic

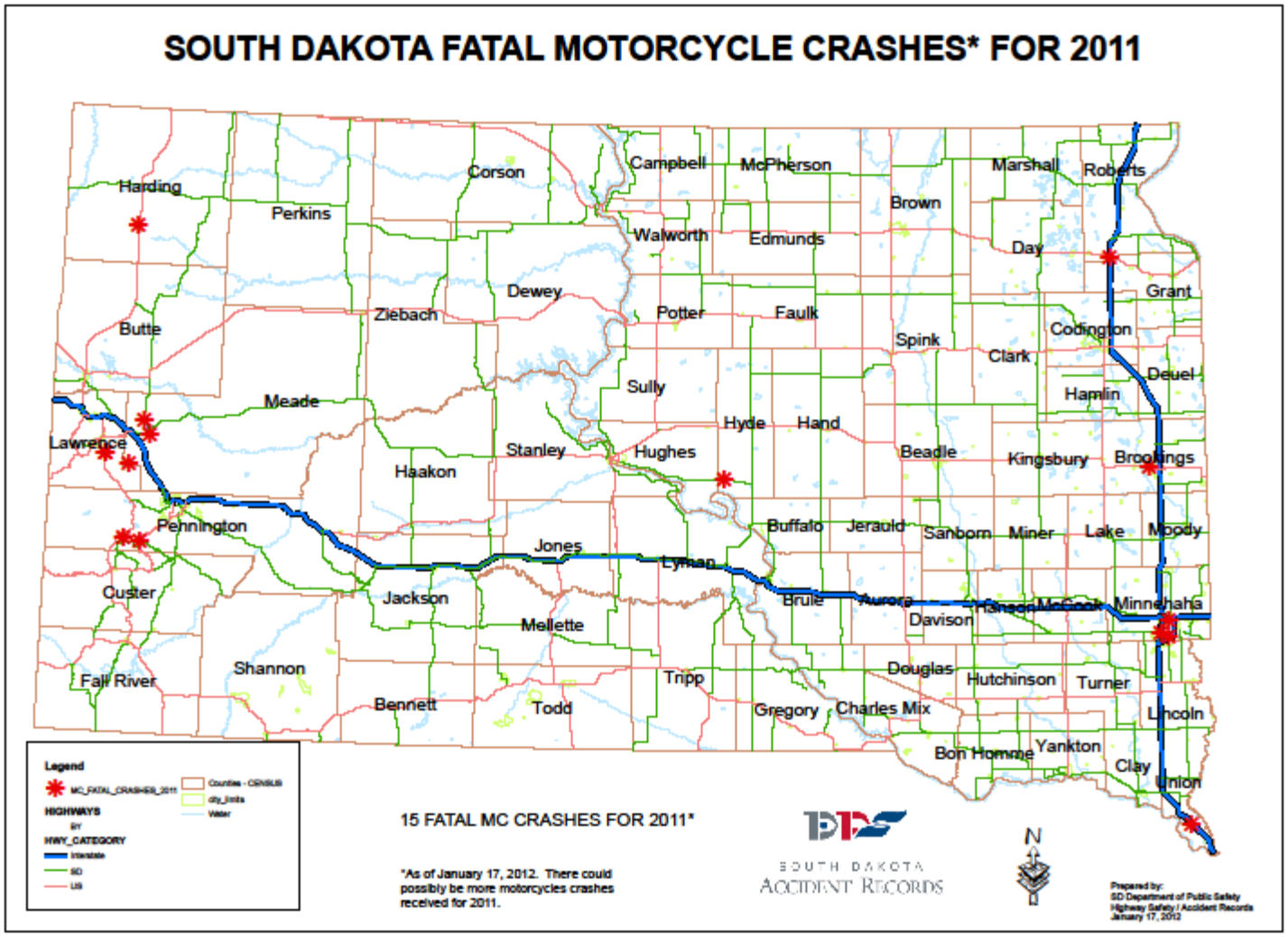
Statewide Summary Totals

- 2011 Injury Accidents = 388
- **2010 Injury Accidents = 454**
  - Decrease of 14.5% (66) less than 2010
- 2011 PDO Accidents = 52
- 2010 PDO Accidents = 47
  - Increase of 10.6% (5) less than 2010

2011 STATE REPORTABLE MOTORCYCLE CRASHES* IN SOUTH DAKOTA



SOUTH DAKOTA FATAL MOTORCYCLE CRASHES* FOR 2011



Statewide Summary Totals

- 2011 Injury Accidents = 3,969
- 2010 Injury Accidents = 4,157
- 2009 Injury Accidents = 4,100
  - Decrease of 4.5% (188) less than 2010
- 2011 Number of Injured = 5,365
- 2010 Number of Injured = 5,802
- 2009 Number of Injured = 5,702
  - Decrease of 7.5% (437) less than 2010

Statewide Summary Totals

- 2011 Fatal Accidents = 100 → 17,342 total
- 2010 Fatal Accidents = 124 → 17,639
- 2009 Fatal Accidents = 112 → 16,996
  - Decrease of 19.2% under 2010; 10.7% under 2009

- 2011 MC Fatal Accidents = 15 → 455 total
- 2010 MC Fatal Accidents = 27 → 528 total
- 2009 MC Fatal Accidents = 14 → 493 total
- Decrease of 44% fatal accidents under 2010; 13% total accidents under 2010

MC Fatal Accidents account 15 of 455(3.2%) vs. all Fatal accidents 100 of 17,342 (0.6%)

MC have 5.3 times greater RATE of being in FATAL ACCIDENT.

Speed Related Crashes

- 2011 Speed related crashes = 2,268 of 17,342
- 2010 Speed related crashes = 2,356 of 17,639
- 2009 Speed related crashes = 2,237 of 16,996
  - Decrease of 3.7% less than 2010 (SPEED is a Factor in 13% of all CRASHES!)

- 2011 MC Speeding drivers = 44 of 489 MC Crashes
- 2010 MC Speeding drivers = 47 of 574 MC Crashes
- 2009 MC Speeding drivers =56 of 525 MC Crashes
  - Decrease of 6.3% (3) over 2010, 21.4% (12) over 2008
  - (SPEED is a Factor in 9 – 10% of all MC CRASHES)

Alcohol-Related Fatalities

- 2011 MV Occupant, Pedal cyclist or Pedestrian Killed In Alcohol Crash = 37
- 2010 MV Occupant, Pedal cyclist or Pedestrian Killed In Alcohol Crash = 49
- 2009 MV Occupant, Pedal cyclist or Pedestrian Killed In Alcohol Crash = 61
  - Decrease of -24.5% under 2010; -39.3% under 2008

MC Alcohol-Related Fatalities/Injuries

- 2011 = 1 of 14 fatalities (2.2%)
  - 31 of 489 (6.33%) MC drivers injured in alcohol related accidents
- 2010 = 6 of 27 fatalities (22.2%)
  - 44 of 574 (7.6%) MC drivers injured in alcohol related accidents
- 2009 = 5 of 16 fatalities (31.2%)
  - 61 of 525 (11.6%) MC drivers injured in alcohol related accidents

Statewide Summary Totals

2011

- 17,342 total accidents, 100 fatal crashes with 110 fatalities
- 3,969 injury accidents with 5,365 people injuries
- 991 of 17,342 had alcohol involvement
- of the 110 fatalities, 60 were MV occupants utilizing no seatbelts
- of the 14 MC fatalities, 11 did not wear a helmet
- Other fatalities included 1 from ATV, 7 pedestrian, 1 bicyclist, 1 snowmobile
- 33 of the 110 were alcohol related; 27 of 110 were speed related

2010

- 17,626 total accidents, 124 fatal crashes with 140 fatalities
- 4,157 injury accidents with 5,801 people injuries
- 999 of 17,626 had alcohol involvement
- of the 140 fatalities, 71 were MV occupants utilizing no seatbelts
- of the 27 MC fatalities, 21 did not wear a helmet
- Other fatalities included 9 pedestrian, 2 bicyclist,
- 49 of the 140 were alcohol related; 33 of 140 were speed related