

Iowa Strategic Highway Safety Plan

Iowa and National Resources for Topic Analysis and Selection

7/24/2012

Category	Topic	Sub-Topic	1998	2001		~2004	2006	2008	2010	2011
			AASHTO SHSP	SMS	NCHRP	KEA	IA CHSP	KEA/CHSP	TZD	NHTSA
			22 ch	28 ch	23 vol	39 topics	5 topics, 8 programs	41 topics	15 ch	9 ch
Drivers										
	Younger Drivers	Younger Drivers- Graduated Licensing & Education	Goal 1	Ch 7	Vol 19	x	GDL	x	4.2.4	Ch 6
		Drivers Fully Licensed & Competent	Goal 2	Ch 5	Vol 02					
	Older Drivers	Older Drivers - Sustaining Proficiency	Goal 3	Ch 8	Vol 09	x	Senior Mobility	x	4.3	Ch 7
	Speed-Related	Curbing Aggressive (High Risk) Driving	Goal 4	Ch 4	Vol 01/23	Reckless, Speeding		Reckless, Speeding		Ch 3
	Impaired Driving	Reducing Impaired Driving	Goal 5	Ch 6	Vol 16	Impaired		Impaired		Ch 1
	Inattentive Driving	Reducing Distracted Driving		Ch 3	Vol 14	Inattentive		Inattentive, Cellphone		Ch 4
		Keeping Drivers Alert	Goal 6	Ch 3	Vol 14	Asleep		Asleep		Ch 4
		Increasing Driver Safety Awareness	Goal 7	Ch 1	Vol 14		Safety Train/Educ		4.2.3	
	Unprotected Persons	Increasing Seatbelt Usage & Airbag Awareness	Goal 8	Ch 2	Vol 11	Unbelted Persons	All positions belted	x	4.2	Ch 2
		Illegal Manuevers (Run Signal/Sign or Wrong Way)						x		
Highways										Ch 6
	Train	Reducing Vehicle-Train Crashes	Goal 14	Ch 21		Train		Trains		
		Reducing Vehicle-Animal Crashes		Ch 22		Animal		Animals		
	Lane Departures	Reducing Run-off-Road Crashes	Goal 15	Ch 17	Vol 03/06/07/08	SVROR, Lane Departure	Lane Departure	SVROR, Fixed Object		
	Lane Departures	Reducing Head-on & Across-median Crashes	Goal 18	Ch 18	Vol 04/07/20	x		MVCM/MVCC		
	Roadside Collisions	Minimizing Run-off-Road Consequences	Goal 16	Ch 17	Vol 03/06/07/08	Fixed Object		Fixed Object		
	Intersections	Improving Design/Operation of Intersections	Goal 17	Ch 16	Vol 05/12	Intersection	Intersections	Intersection		
		Accommodating Older Drivers		Ch 20	Vol 09					
	Work Zones	Designing Safer Work Zones	Goal 19	Ch 19	Vol 17	Work Zone			4.8	
		Rollover						Rollover		
	Local Roads	Local Roads					Local Roads		6.6	
		Unpaved Rural Roads					Unpaved Rural Rds			
	Winter Road Conditions	Icy, Snowy, Slushy				Icy, Snowy, Slushy		Icy, Snowy, Slushy		
Special Users										
	Pedestrians	Pedestrians	Goal 9	Ch 9	Vol 10	Pedestrian		Pedestrian	4.5	Ch 8
	Pedalcyclists	Bicyclists	Goal 10	Ch 10	Vol 18	Bicyclists		Bicyclists		Ch 9
Vehicles										Ch 5
	Other Vehicles	Schoolbuses, Public Transit, Farm Vehicles		11,12,15				Schoolbus, Bus, Farm		
	Motorcycles	Motorcycles	Goal 11	Ch 13	Vol 22	Motorcycle	Helmets	Motorcycle, Unprotected	4.7	Ch 5
	Heavy Trucks	Trucks	Goal 12	Ch 14	Vol 13	Heavy Truck		Heavy Truck	5.5	
		Safety Enhancements in Vehicles	Goal 13						5.4	
Health										
	Enhancing EMS	Enhancing Emergency Medical Capabilities	Goal 20	Ch 24	Vol 15					Ch 8
		Public Health								Ch 9
Management										
		Implementing Road Safety Audits		Ch 23						
		Improving Info & Decision Support Systems	Goal 21	Ch 25	Vol 21		Crash Data Records			Ch 10
		Creating More Effective Safety Processes/Systems	Goal 22	Ch 27	501 Report					
		Using ITS to Improve Highway Safety		Ch 26						
		Develop Multidisciplinary Safety Teams		Ch 28						
		Education								Ch 15
	Legislative Initiatives	Legislative Initiatives								Ch 7
		TSIP Funding					TSIP \$\$			
		Enforcement Funding					Enforcement \$\$			
		Safety Corridors					Safety Corridors			
	Safety Culture	Safety Culture								Ch 3
		Leadership & Organizations								Ch 11
		Performance Measures								Ch 12
		Communication								Ch 13
		Information & Knowledge Mgmt								Ch 14

AASHTO: American Association of State Highway Transportation Officials SHSP Model

SMS: Iowa Safety Management System Toolbox of Safety Strategies

NCHRP: 2005 forward National Cooperative Highway Research Program multi-disciplinary "500 Series" of topical guides for SHSP Safety Strategies

CHSP: Iowa Comprehensive Highway Safety Plan

TZD: Draft: Toward Zero Deaths AASHTO update of the SHSP model

NHTSA: National Highway Traffic Safety Administration "Countermeasures that Work" includes Governor's Highway Safety Association input

KEA: Key emphasis area data analysis