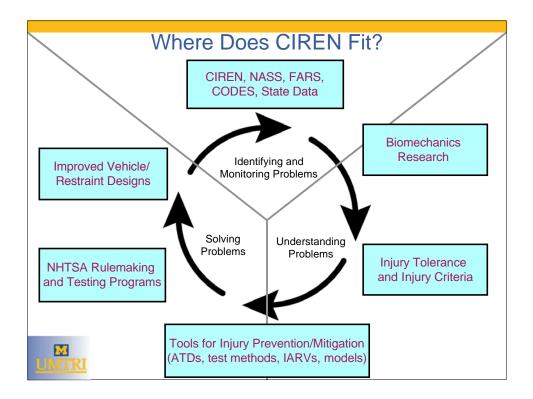
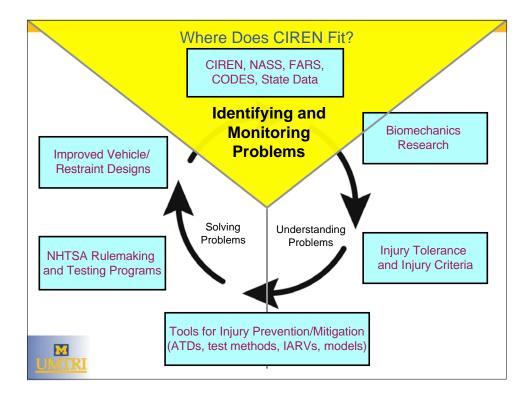
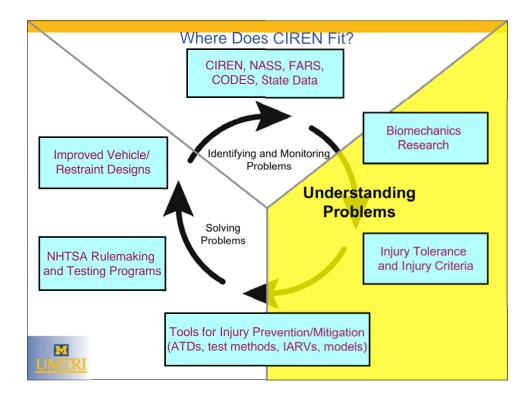


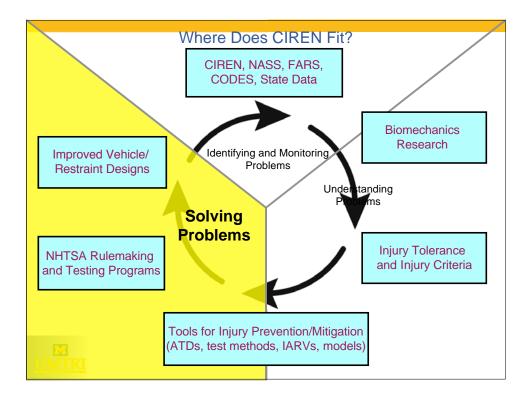
Crash Type	Crash	Vehicle	Restraint	Occupant	Injury
	Direction	Model Year		Position	
Frontal	10 to 2 o'clock	Case Year – 8	Bag/Bag+b elt	Row 1	AIS 3+ or ³
			3-pt belt	Row 2	
Side	8-10 o'clock 2-4 o'clock	Case Year – 8 & FMVSS 214 compliant (MY 1997+)	Any & all	Any	AIS 3+ or ³
Rollover	All	Case Year – 8 & FMVSS 214 compliant (MY 1997+)	Any & all except 100% ejection	Any	AIS 3+ or '
Fire	Any	CY – 8	Any & all	Any	AIS 3+ or ³

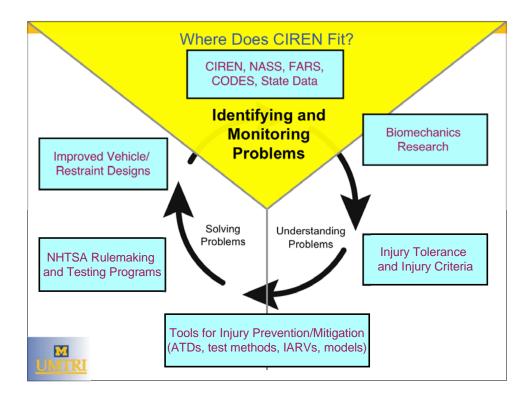
/	Crash Type	Crash	ult Inclusion Crite	ria from CIR Restraint	Occupant	Injury
/	Frontal	Direction 10 to 2 o'clock	Model Year Case Year – 8	Bag/Bag+b elt 3-pt belt	Position Row 1 Row 2	AIS 3+ or *
	Side	8-10 o'clock 2-4 o'clock	Case Year – 8 & FMVSS 214 compliant (MY 1997+)	Any & all	Any	AIS 3+ or *
	Rollover	All	Case Year – 8 & FMVSS 214 compliant (MY 1997+)	Any & all except 100% ejection	Any	AIS 3+ or *
			CY – 8 regions OR AIS 2 alcaneus/Lisfranc/		Any remity with sig	AIS 3+ or *

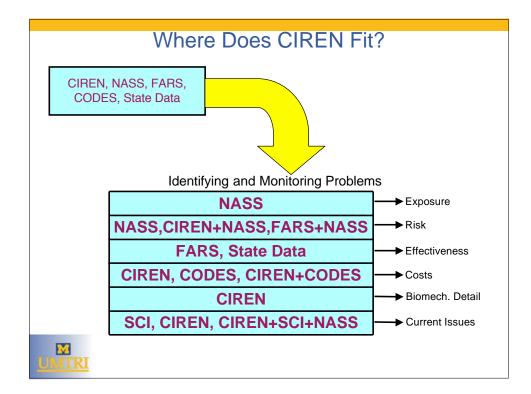










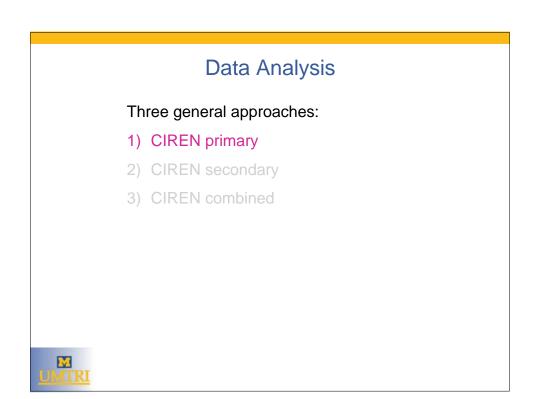


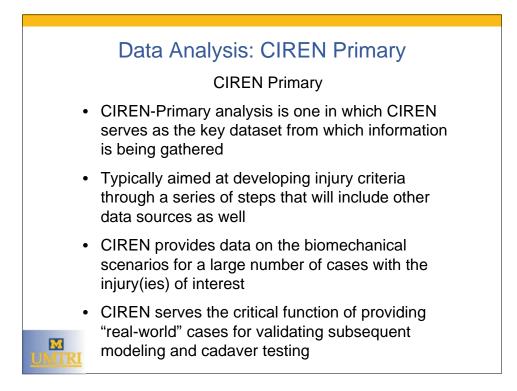
Data Analysis

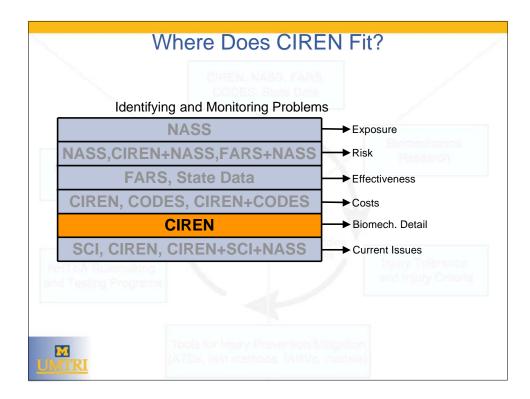
Three general approaches:

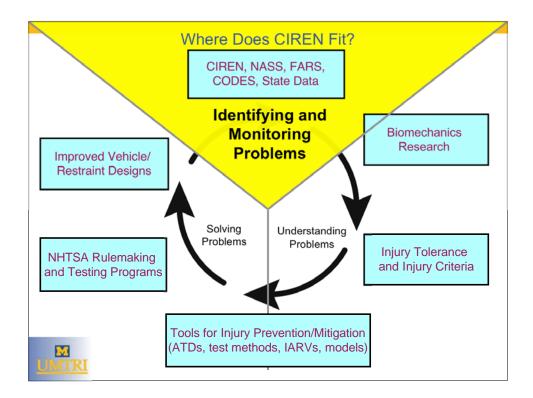
- 1) CIREN primary
- 2) CIREN secondary
- 3) CIREN combined

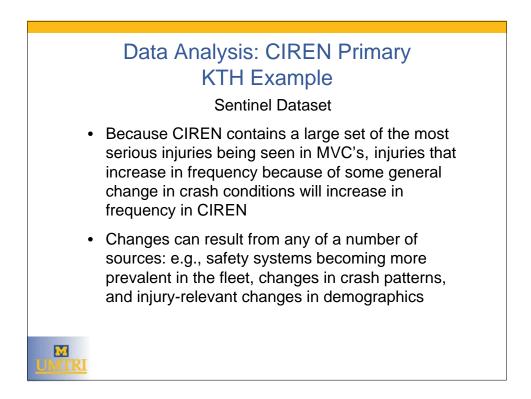
M

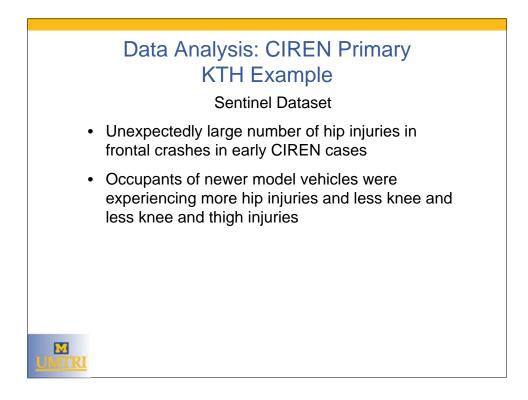


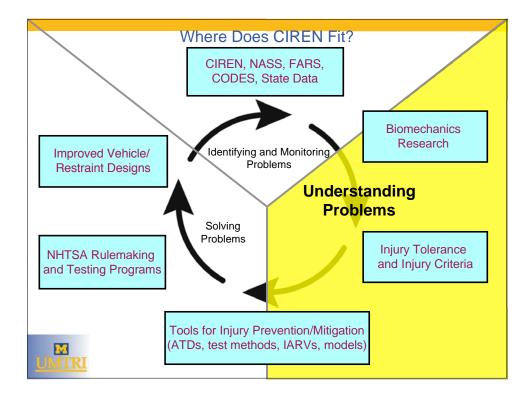


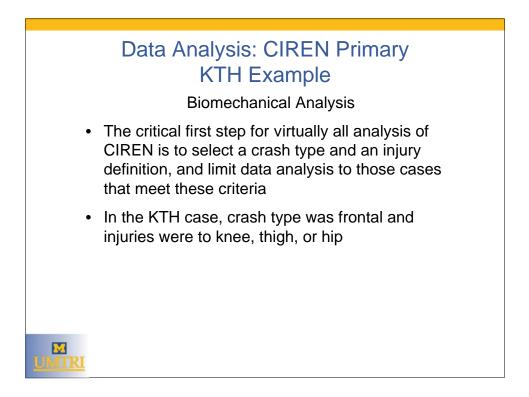


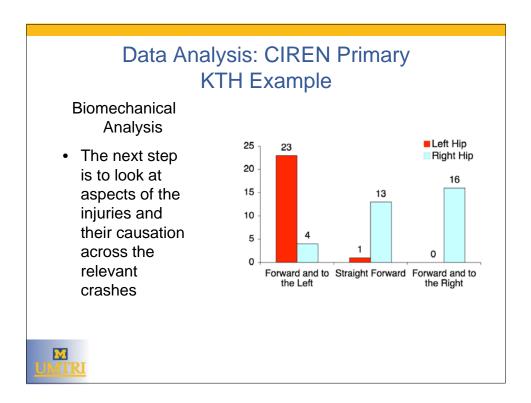


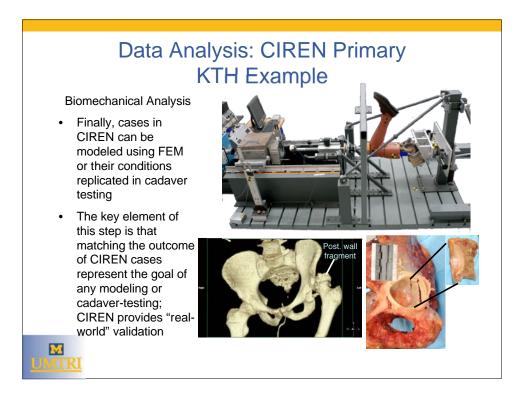


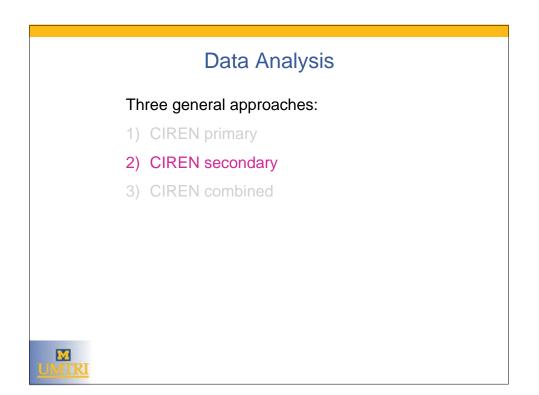


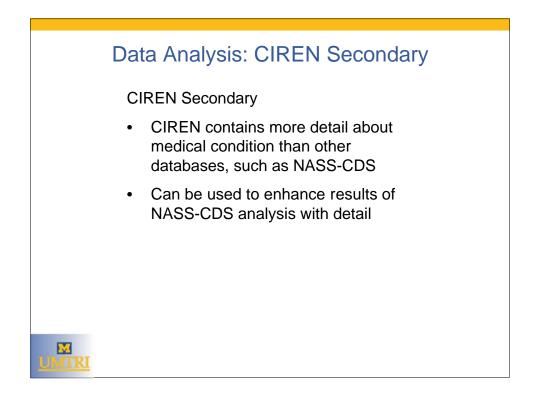


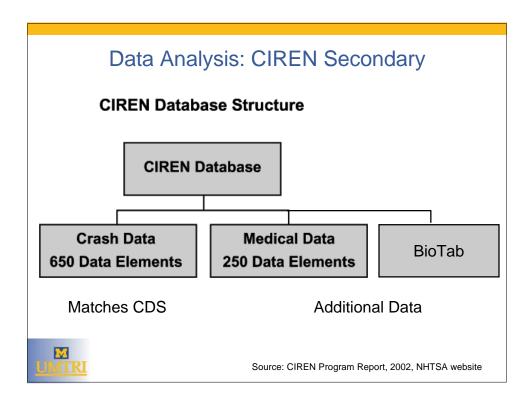


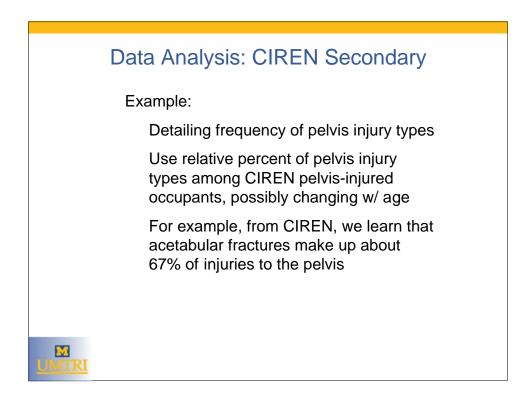


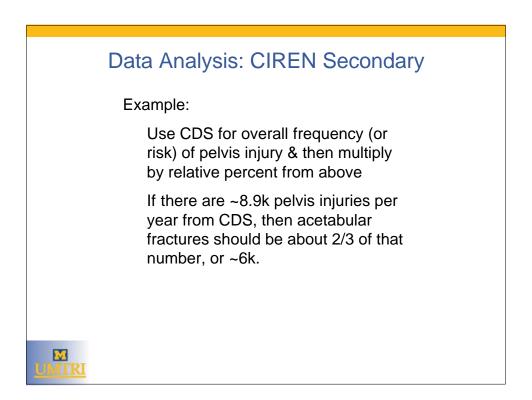




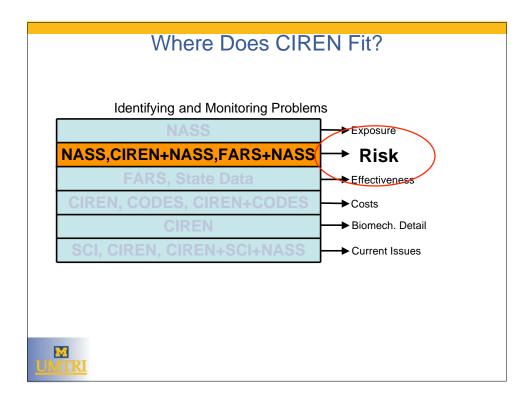


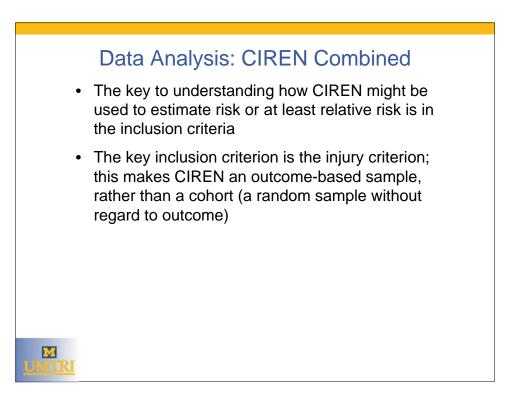


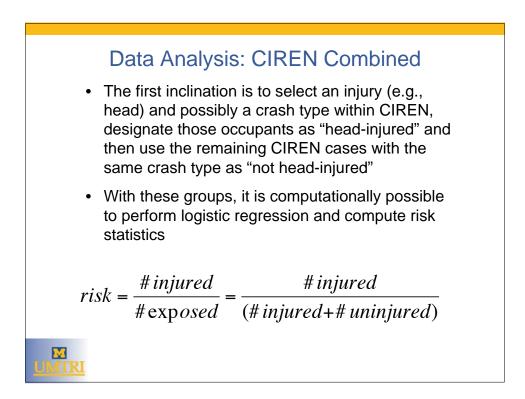


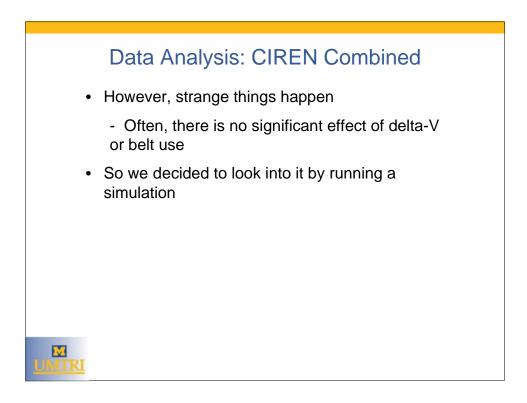


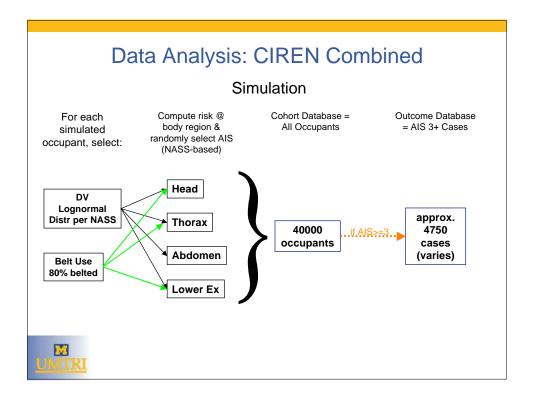
Data Analysis: What About Risk?
Three general approaches: 1) CIREN primary 2) CIREN secondary
3) CIREN combined

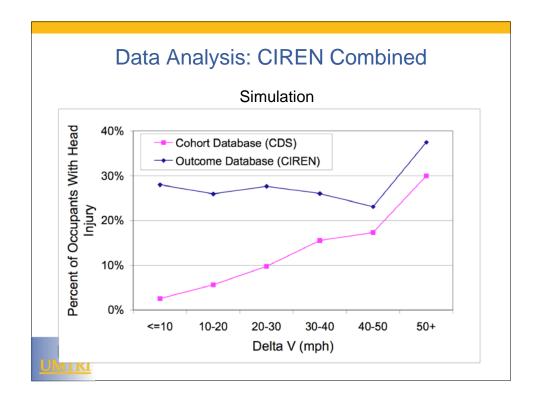


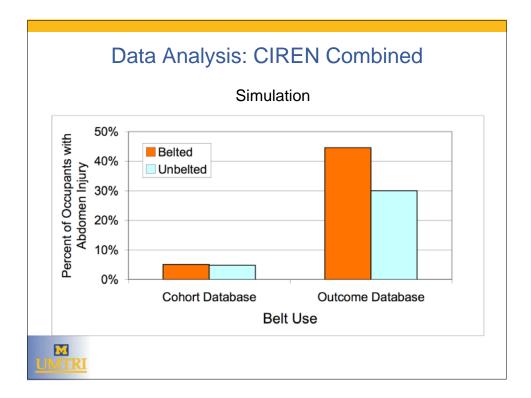


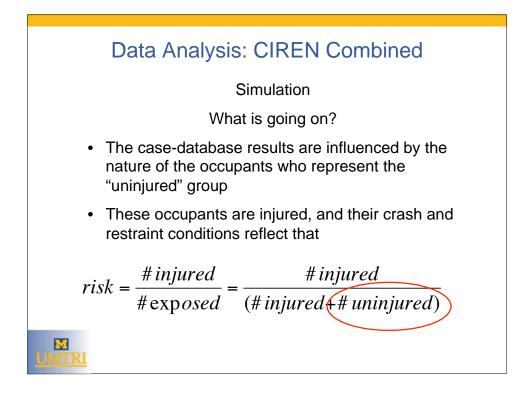


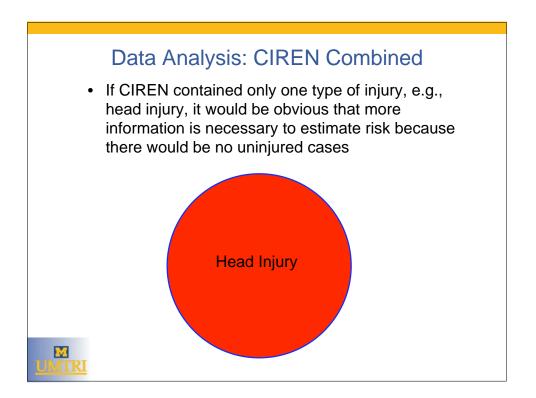


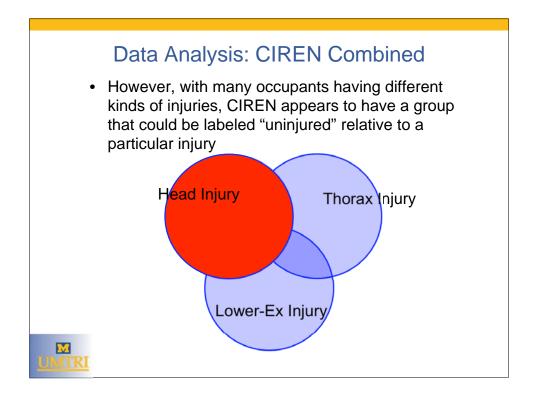


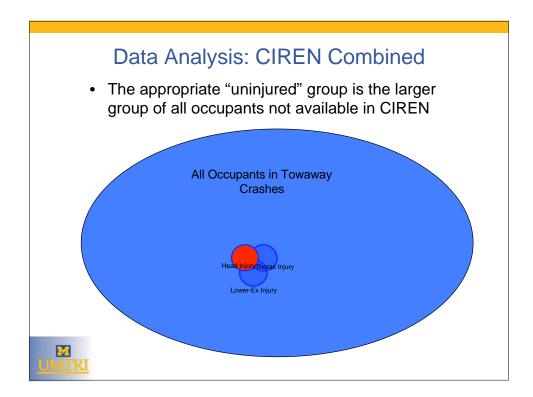










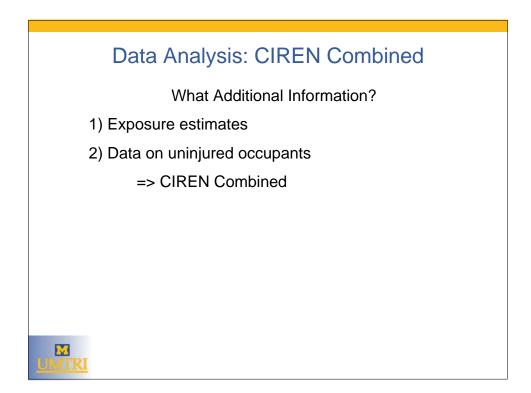


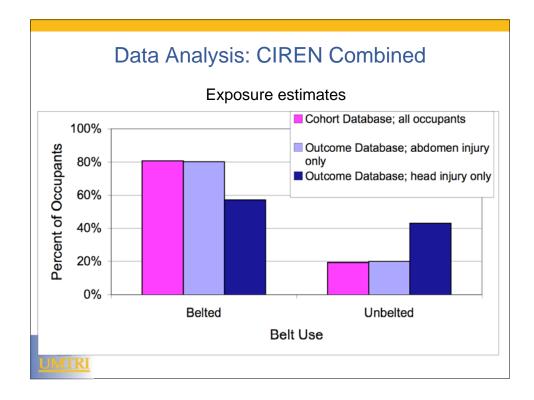
Data Analysis: CIREN Combined

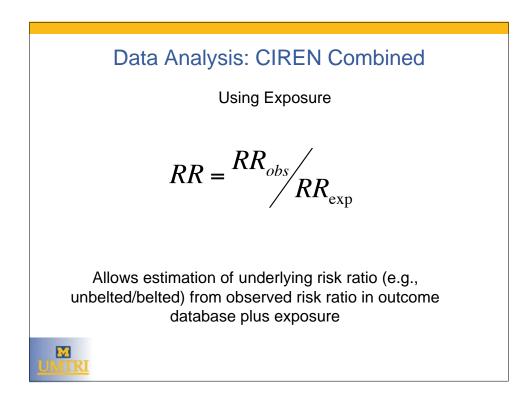
How Can CIREN Be Used to Estimate Risk??

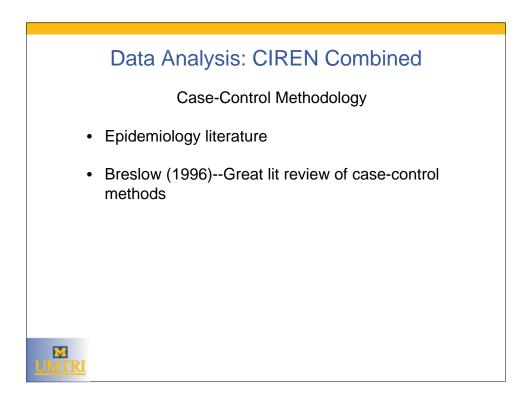
An outcome-based sample cannot be used to estimate risk or relative risk without some kind of additional information

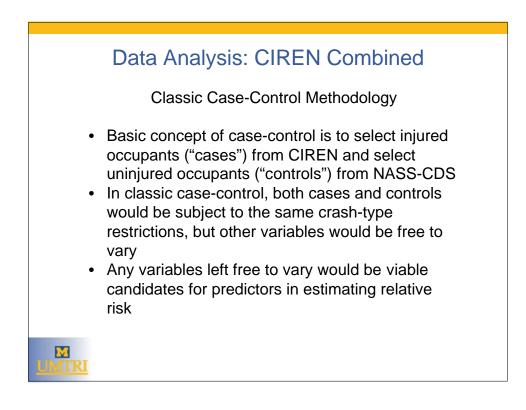
M

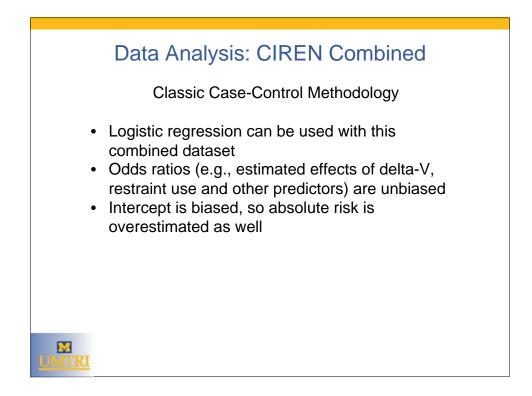


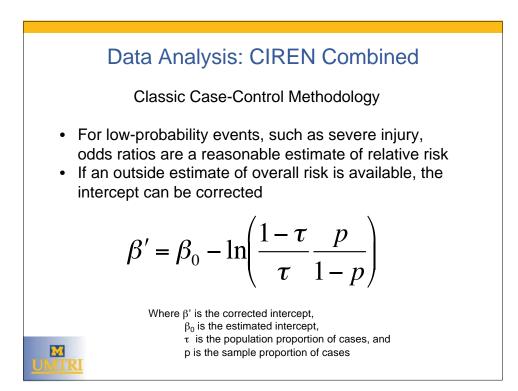


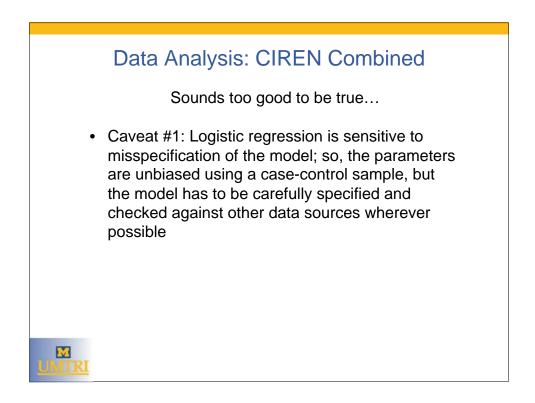


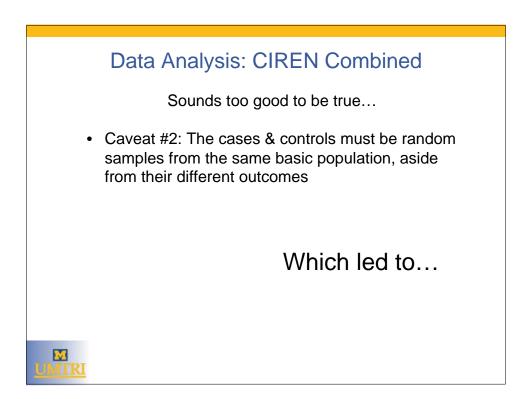


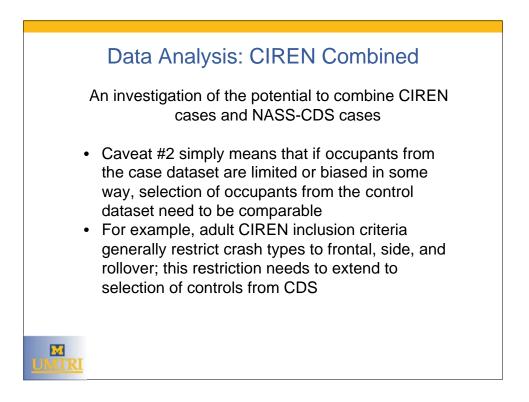


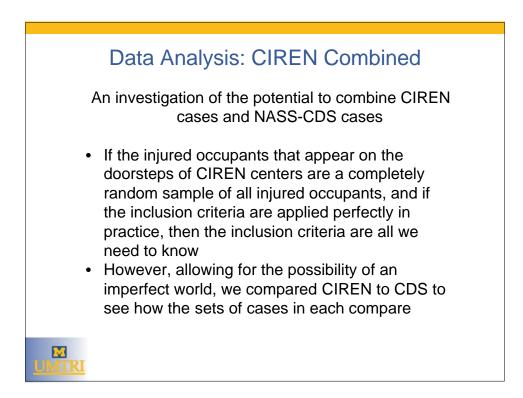


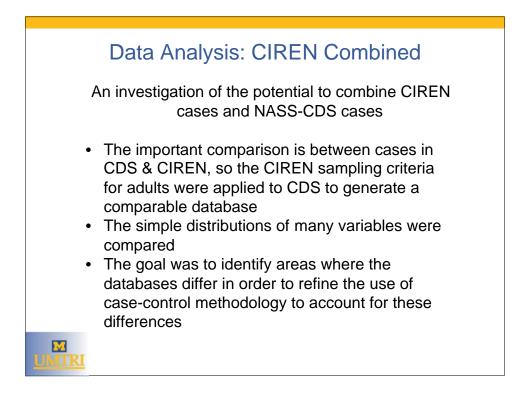


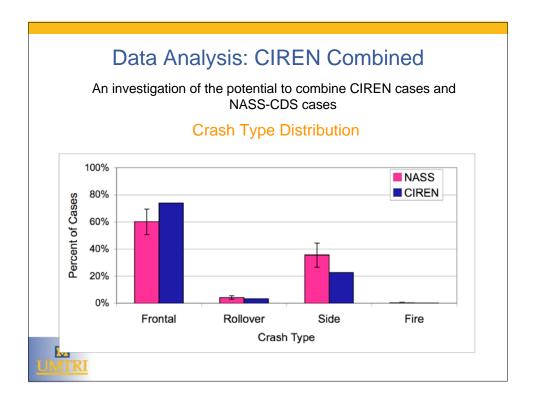


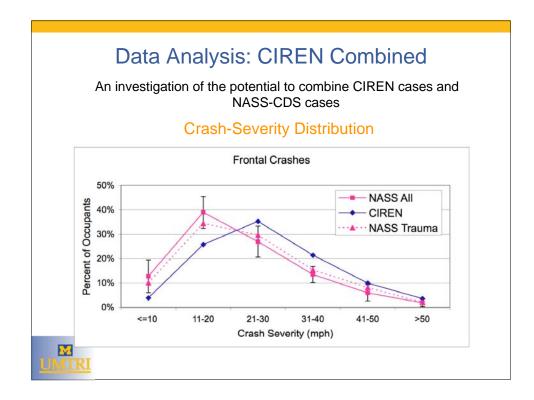


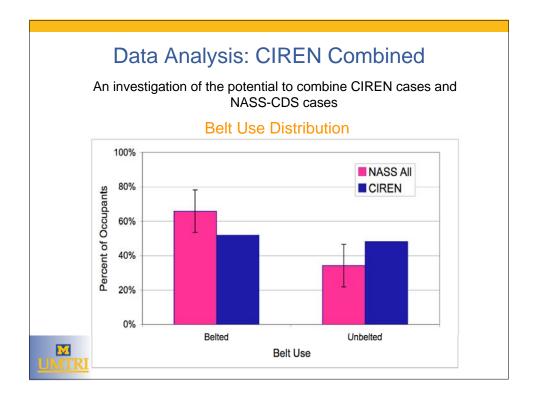


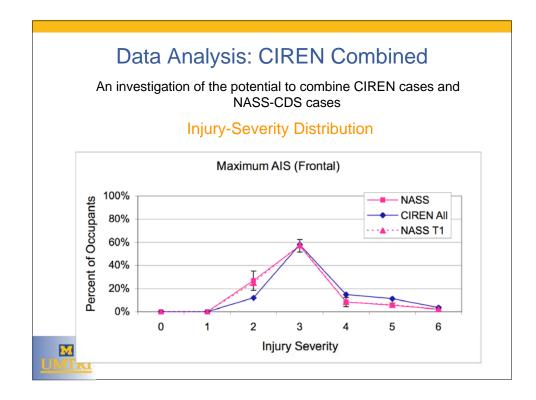


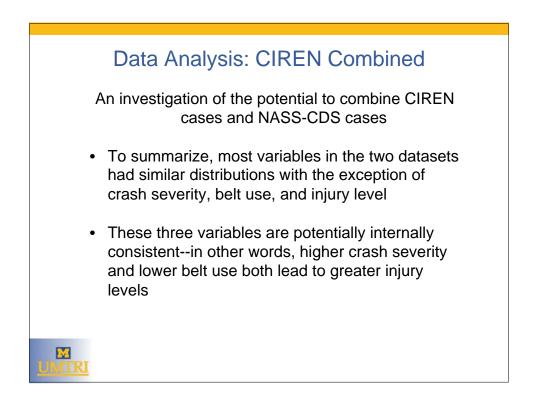


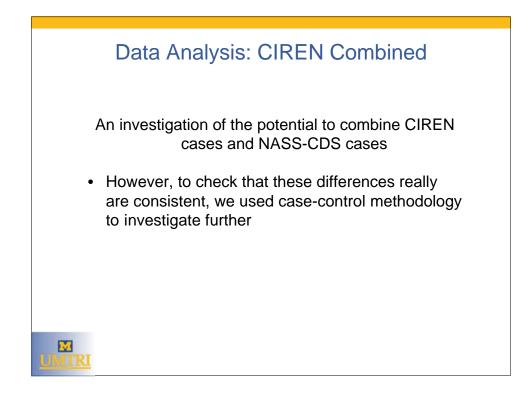


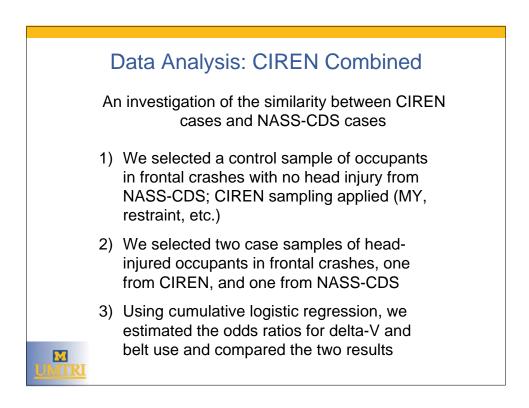


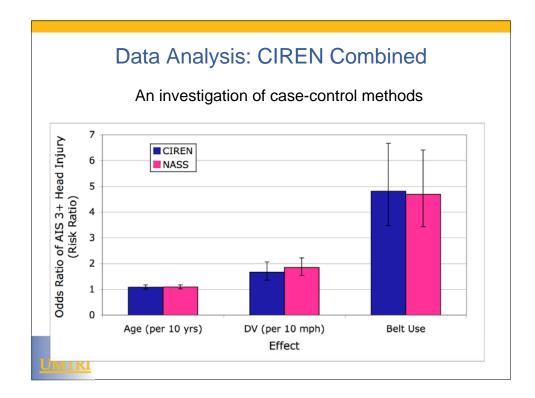


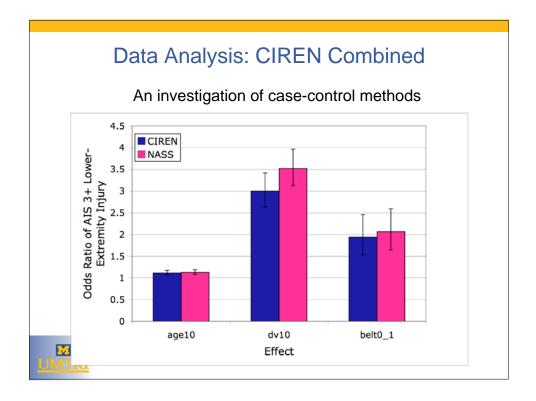




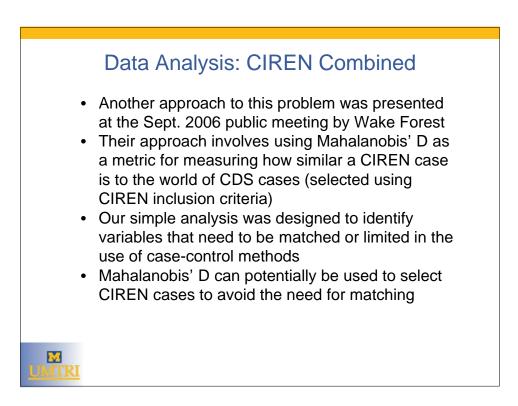


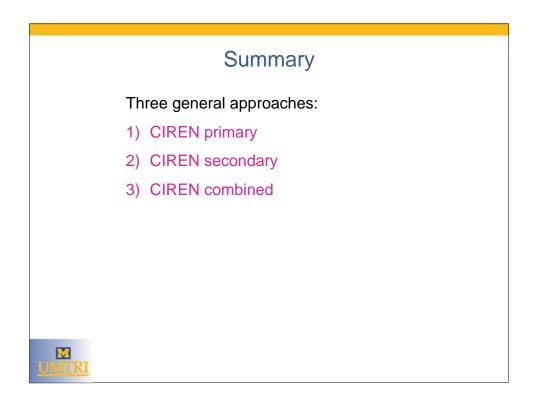


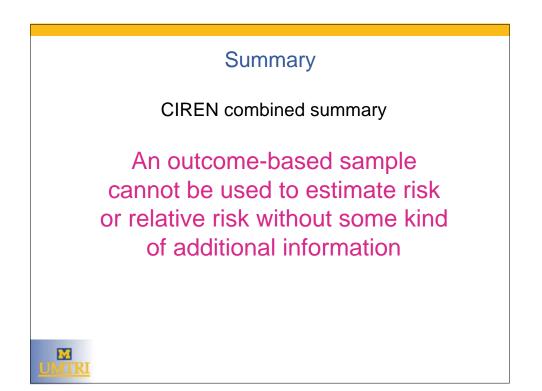


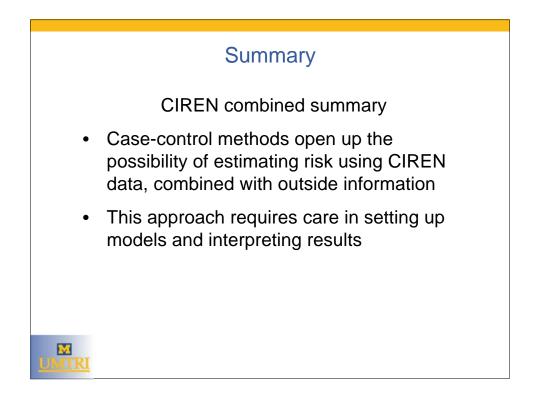


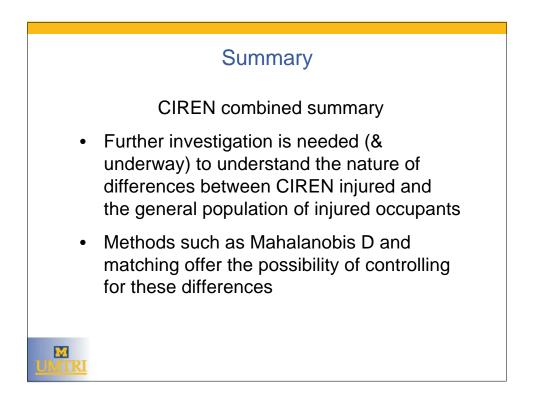
<section-header> Data Analysis: CIREN Combined Matched Case-Control For variables that may selectively differ between CIREN and CDS (e.g., delta-V) or for greater control of the comparison between cases & controls, it is possible to use the matched case-control. In matched case-control, the controls are selected so that they match each case (there can be many controls for each case) on one or more variables (e.g., dV) The disadvantage of matching is that the effect of the matching variable cannot be estimated, although interactions with the matching variable(s) can











<section-header><section-header>

