

Childhood injury in Hawaii

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Among children in Hawaii, injuries are...

- *...the leading cause of emergency department (ED) visits (34%)*
- *...the 3rd leading cause of hospitalizations (10%)*
- *...leading cause of death (38%)*
 - *(for residents 1 month to 18 years of age)*
 - *...the 2nd leading cause for all ages (22%)*
- *...and most importantly, injuries are...*

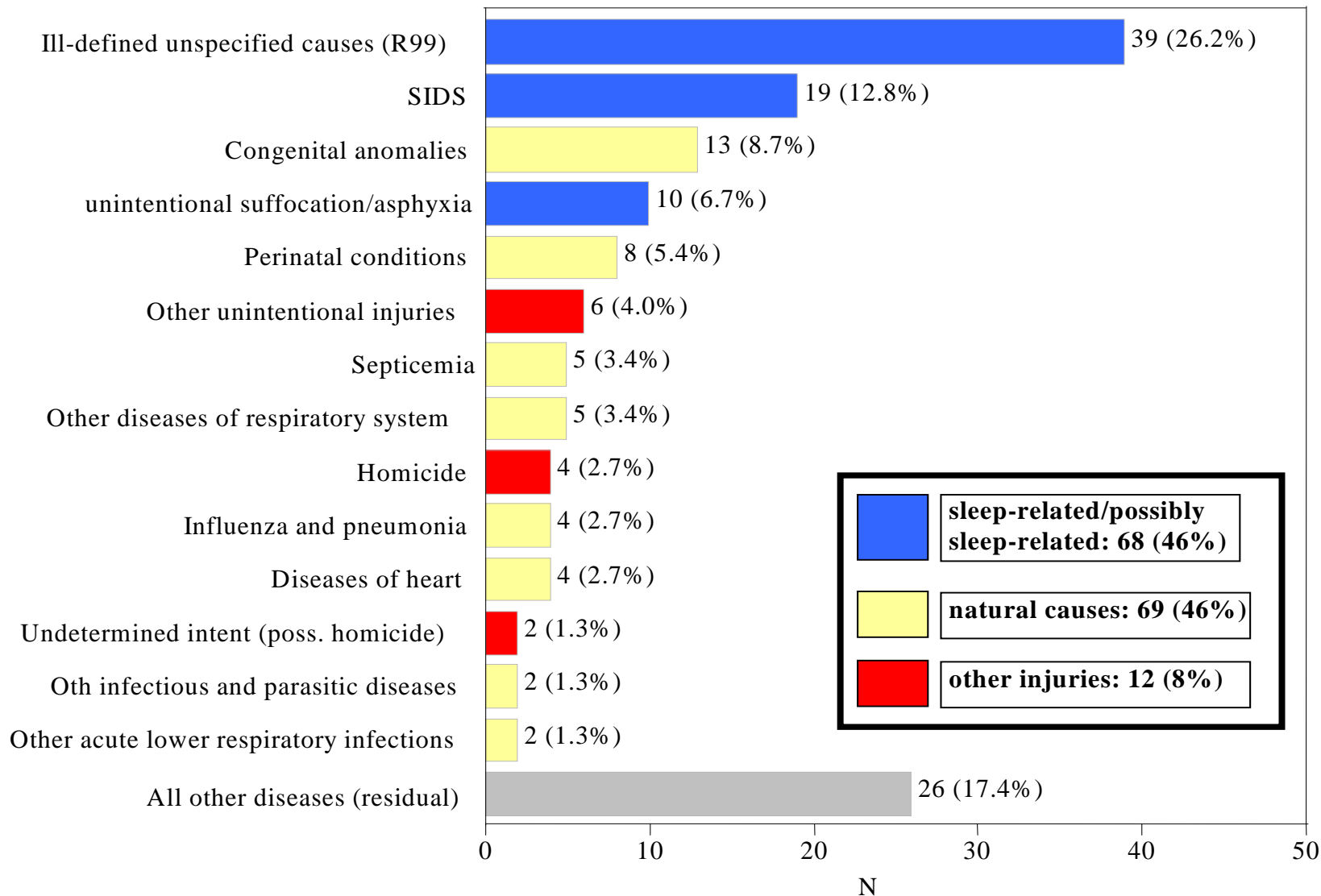
PREVENTABLE!



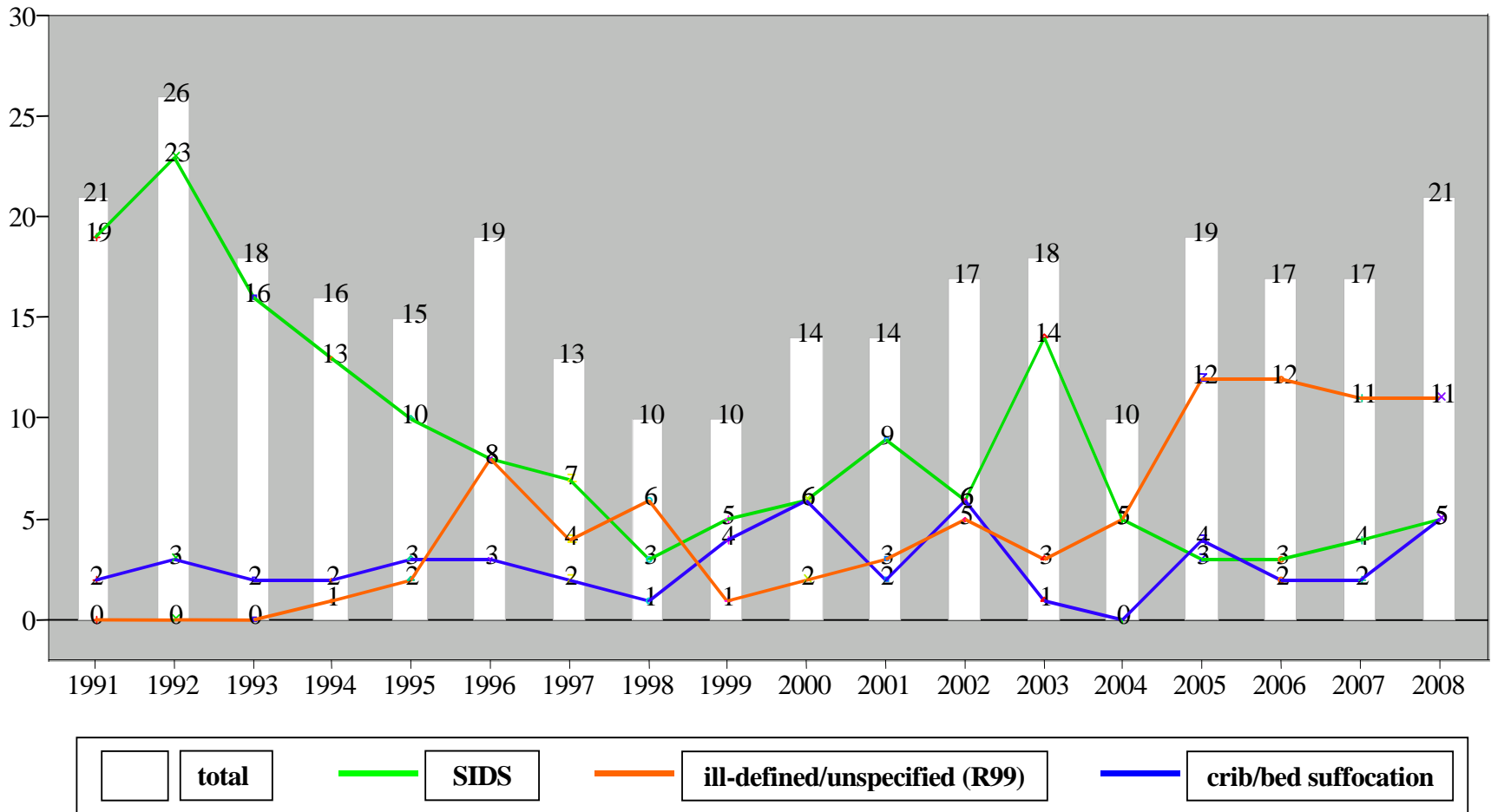
Five leading causes of death among young residents of Hawaii, by age group, 2004-2008

	< 1 month (382 total)	1-11 months (149 total)	1-4 y (95)	5-9 y (42)	10-15 y (80)	16-18 y (99)	total (>1 mo.) (465)
1	Perinatal conditions 277	Ill-defined/ unspecified 38	Unintent. injuries 33	Malignant neoplasm 7	Unintent. injuries 20	Unintent. injuries 45	Unintent. injuries 120
2	Congenital anomalies 59	SIDS 19	Congenital anomalies 8	Unintent. injuries 6	Malignant neoplasm 11	Suicide 22	Ill-defined/ unspecified 47
3	Ill-defined/ unspecified 11	Unintent. injuries 16	Malignant neoplasm 6	Diseases of heart 4	Congenital anomalies 9	Malignant neoplasm 7	Congenital anomalies 35
4	Unintent. injuries 7	Congenital anomalies 13	Ill-defined/ unspecified 5	Septicemia 3	Suicide 8	Homicide 4	Malignant neoplasm 31
5	Diseases of heart 3	Perinatal conditions 8	Homicide 5	Homicide 3	CVD and others 2 (each)	Cong.anom ./CVD 3 (each)	Suicide 30

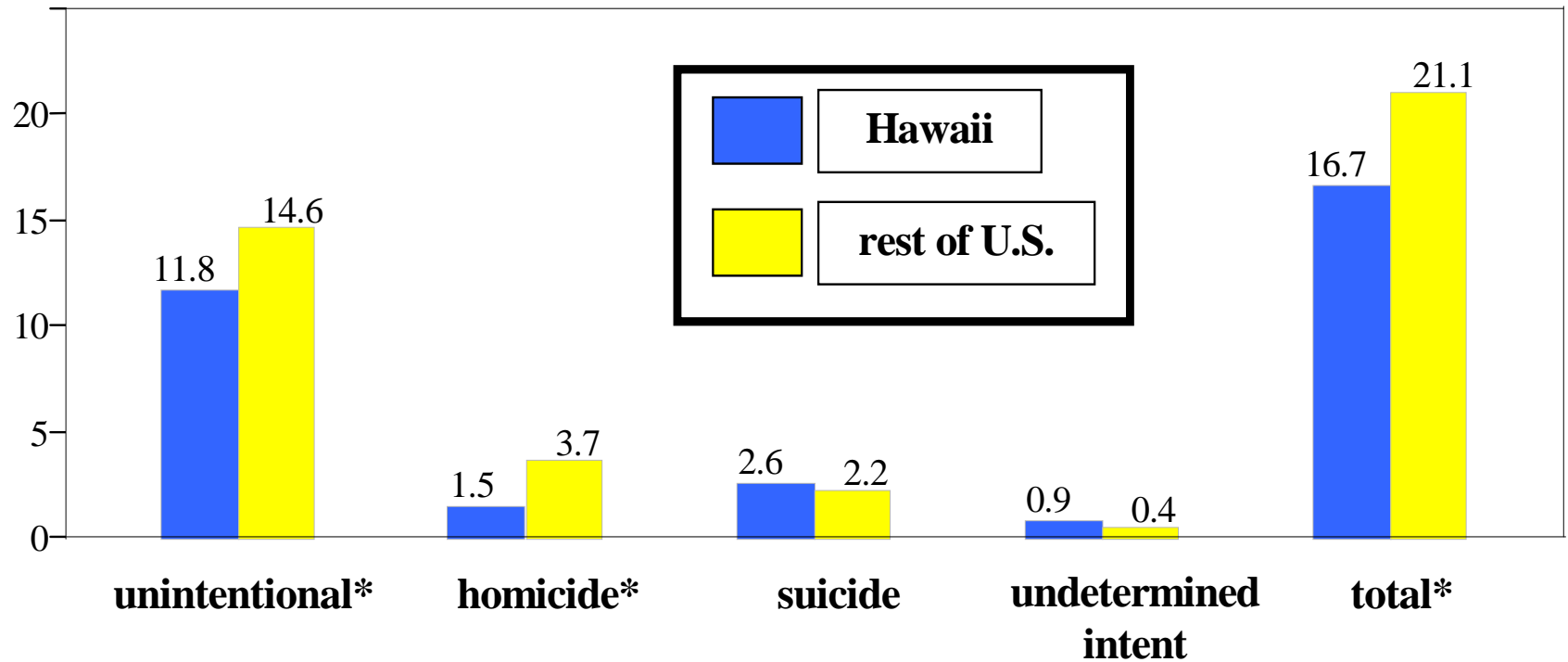
Cause of death for infants (1 to 11 months) in Hawaii, 2004-2008



Annual number of sleep-related and possibly sleep-related infant deaths in Hawaii, 1991-2008

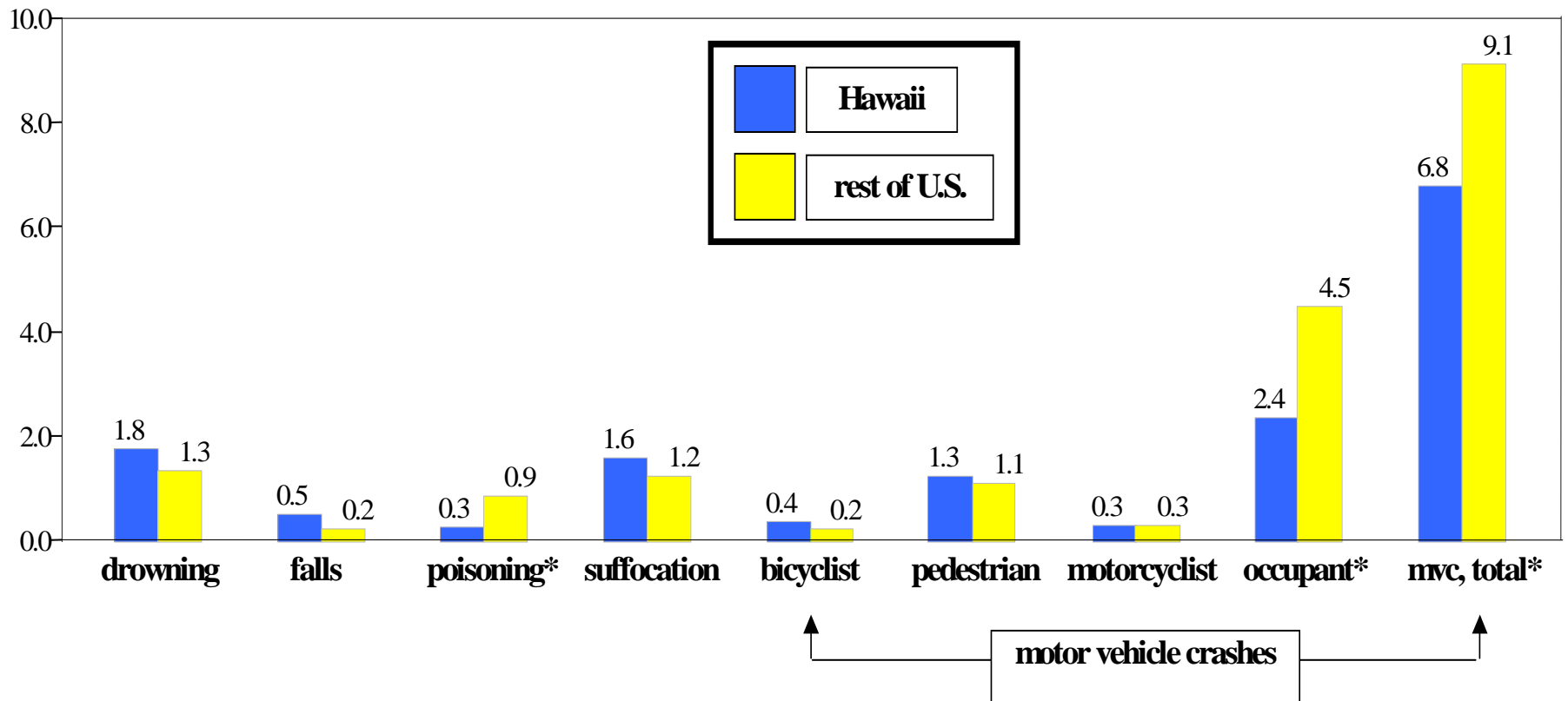


Injury fatality rates, by intent, Hawaii vs. rest of U.S., 2002-2006



*Denotes statistically significant difference in rate between Hawaii and rest of U.S.

Unintentional injury fatality rates, by mechanism, Hawaii vs. rest of U.S., 2002-2006

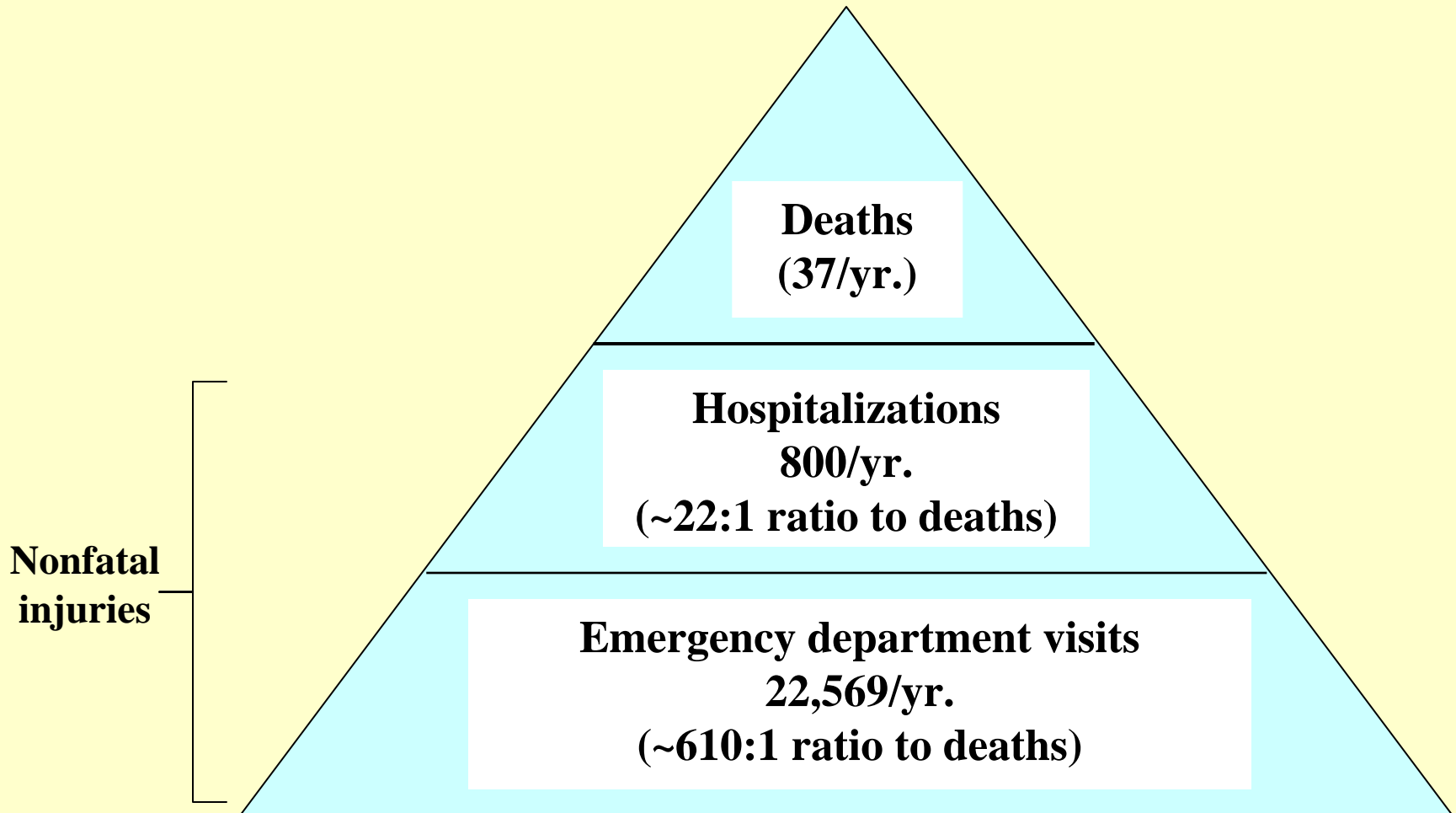


*Denotes statistically significant difference in rate between Hawaii and rest of U.S.

Five leading causes of fatal injuries among young residents of Hawaii, by age group, 2004-2008

	infants (32 total)	1-4 y (40)	5-9 y (10)	10-15 y (31)	16-18 y (73)	total (186)
1	suffocation 16	mvc* pedestrian 9	homicide 3	mvc* occupant 8	mvc* occupant 23	mvc* occupant 37
2	homicide 5	drowning 8	drowning 2	suicide 8	suicide 22	suicide 30
3	possible homicide 4	suffocation 6	mvc* occupant/ mvc* pedestrian/ poisoning/ suffocation/ 1(each)	drowning 4	mvc* pedestrian 6	suffocation 23
4	mvc* occupant 3	homicide 5		mvc* motorcyclist 3	drowning 5	drowning 20
5	drowning/fall /dog attack 1 (each)	falls 3		mvc* pedes./ poss. suicide 2 (each)	homicide/ poisoning 4 (each)	mvc* pedes./ homicide 18 (each)

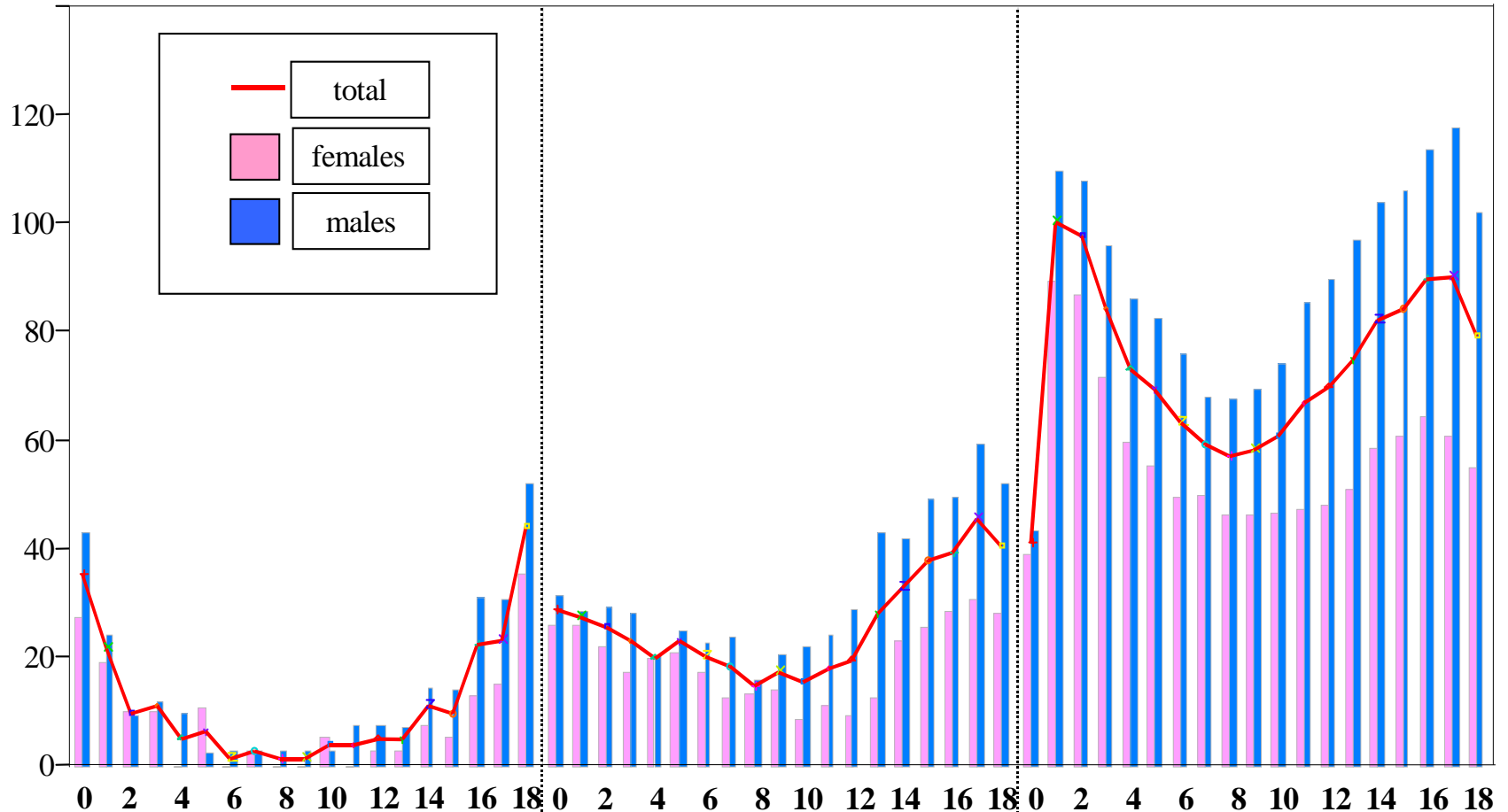
“Injury Pyramid” for young residents of Hawaii, 2004-2008



Five leading causes of hospitalizations for nonfatal injuries among young residents of Hawaii, by age group, 2004-2008

	infants (52 total)	1-4 y (161)	5-9 y (140)	10-15 y (242)	16-18 y (205)	total (800)
1	falls 16	falls 49	falls 60	falls 68	mvc* - occupant 48	falls 225
2	assault 5	poisoning 22	striking 12	mvc* - occupant 30	falls 31	mvc* - occupant 95
3	suffocation/ mvc* - occupant/ fire/burn 3 (each)	fire/burn 14	mvc* - bicyclist 11	striking 25	suicide attempt 30	striking 61
4		mvc* - pedestrian 9	mvc* - occupant 9	suicide attempt 18	mvc* - motorcyclist 16	suicide attempt 48
5		striking 8	mvc* - pedestrian 8	mvc* - bicyclist 17	striking 14	poisoning 37

Annual rates of injuries among young residents of Hawaii, by severity, gender and age, 2004-2008

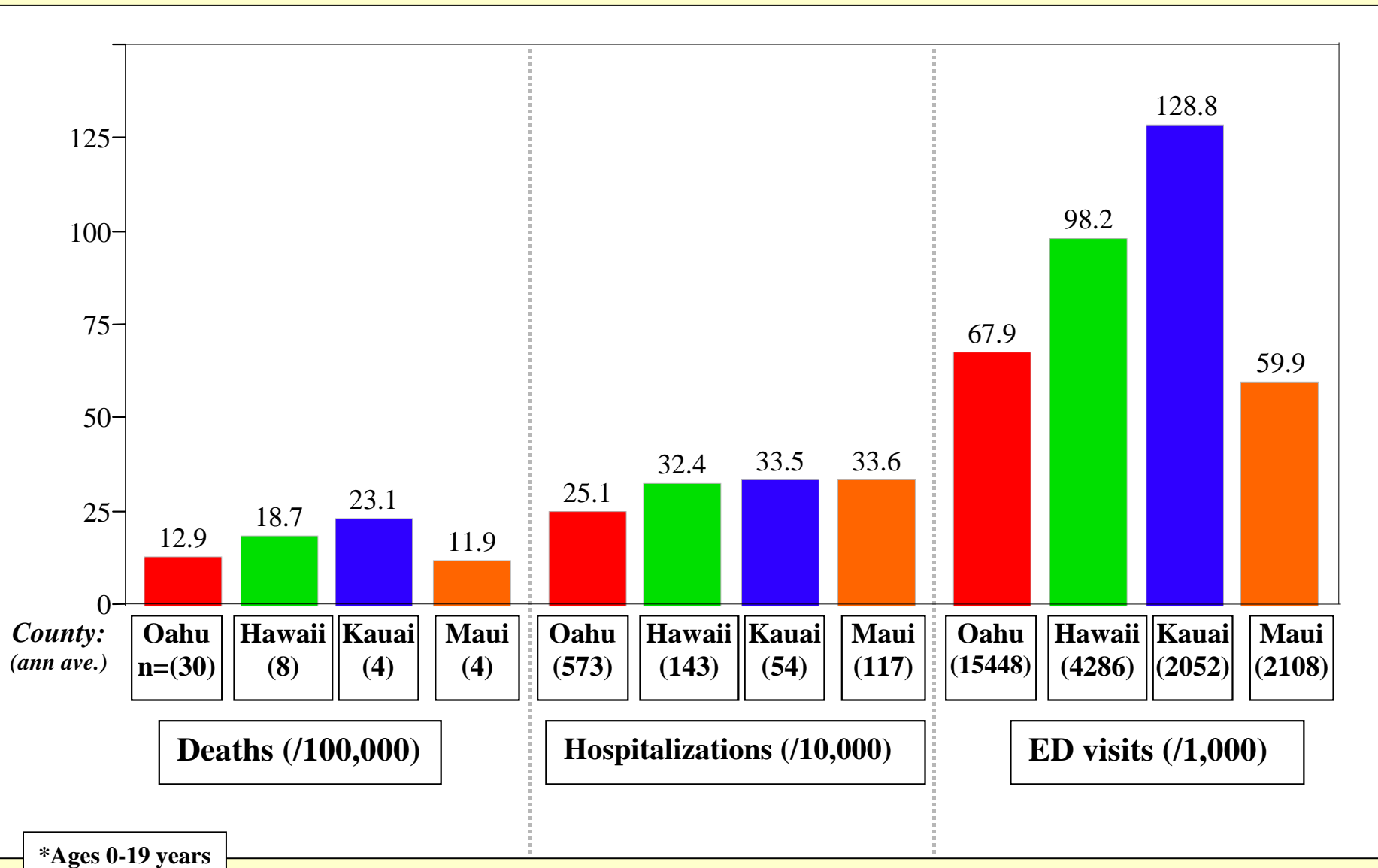


Deaths (/100,000)
(males: 15, females: 9, total: 12)

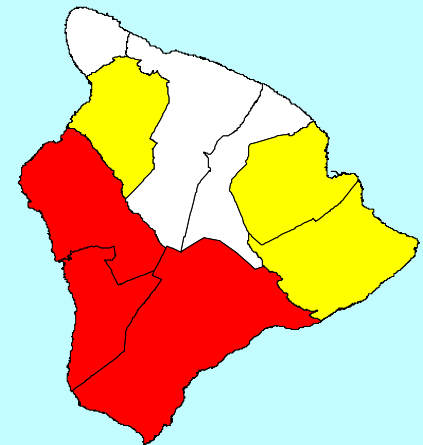
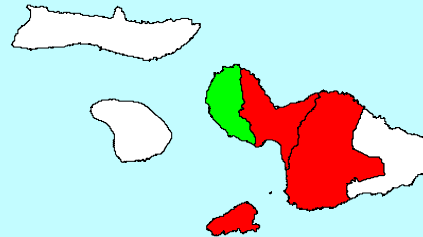
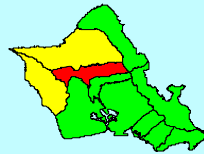
Hospitalizations (/10,000)
(males: 33, females: 19, total: 26)

ED visits (/1,000)
(males: 90, females: 58, total: 74)

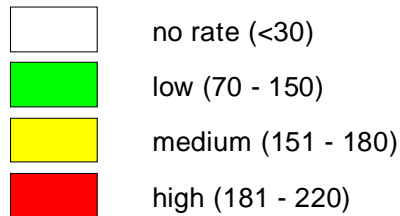
Annual rates of injuries among young residents* of Hawaii, by severity and county of residence, 2004-2008



Five-year rates of fatal injuries and hospitalizations among young residents* of Hawaii, by district of residence, 2004-2008



Rates (/10,000) of fatal injuries and hospitalizations



*Ages 0-19 years

Summary

- **Injuries are a major public health problem among children in Hawaii**
 - *...but they are preventable*
- **Data is the cornerstone of Injury Prevention**
 - *Death certificates*
 - *Hospital discharge and ED visits (HHIC)*
 - *Child death review*
 - *Population surveys (YRBSS, BRFSS)*
 - *Others: EMS reports, CWS case reports, etc.*
- **IPCP is a resource**
 - *As a partner for injury prevention programs*
 - *For data and analysis*