



**Road Traffic
Management Corporation**



Ensuring safe, secure and responsible use of roads in South Africa.

Child restraints

Presenter : Ms. Magadi Gainewe

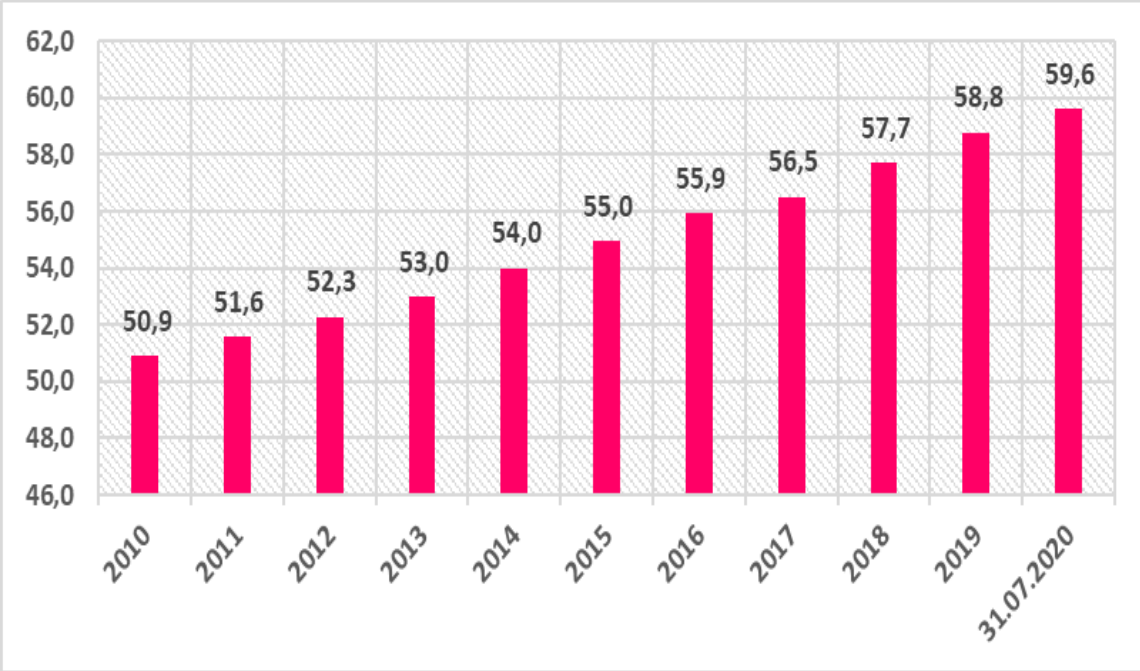
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The Road Traffic Management Corporation (RTMC)
is an Agency of The Department of Transport and a
Member of the United Nations Road Safety Collaboration

Human Population



Mid-year population estimates , Statistics South Africa

Population group	Male		Female		Total	
	Number	% distribution of males	Number	% distribution of females	Number	% distribution of total
Black African	23 519 474	80,7	24 634 253	80,8	48 153 727	80,8
Coloured	2 555 204	8,8	2 692 536	8,8	5 247 740	8,8
Indian/Asian	787 662	2,7	753 451	2,5	1 541 113	2,6
White	2 266 535	7,8	2 413 235	7,9	4 679 770	7,8
Total	29 128 875	100,0	30 493 475	100,0	59 622 350	100,0

49%

**Life expectancy:
63 yrs**

51%

**Life expectancy:
69 yrs**



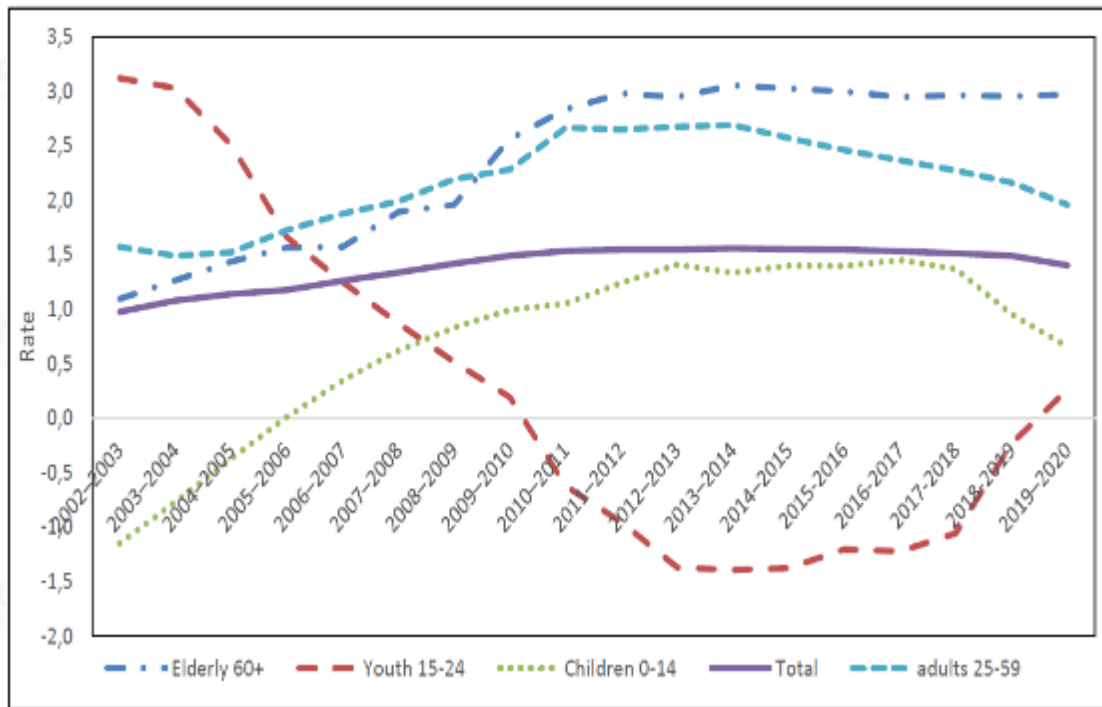
Mid-year population estimates by population group, age and sex, 2020

	Black African			Coloured			Indian/Asian			White			RSA		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
0-4	2 501 876	2 438 875	4 940 751	241 802	234 520	476 322	50 691	48 971	99 662	115 072	111 643	226 715	2 909 441	2 834 009	5 743 450
5-9	2 476 487	2 414 408	4 890 895	241 104	234 414	475 518	50 812	48 736	99 548	126 753	123 238	249 991	2 895 156	2 820 796	5 715 952
10-14	2 407 169	2 366 601	4 773 770	231 137	225 576	456 713	48 646	46 217	94 863	134 809	131 398	266 207	2 821 761	2 769 792	5 591 553
15-19	2 027 023	2 004 681	4 031 704	207 599	203 457	411 056	45 504	43 048	88 552	122 761	120 506	243 267	2 402 887	2 371 692	4 774 579
20-24	2 030 142	2 013 290	4 043 432	213 479	209 701	423 180	54 400	47 890	102 290	127 180	127 285	254 465	2 425 201	2 398 166	4 823 367
25-29	2 315 171	2 271 609	4 586 780	219 429	216 317	435 746	72 139	58 435	130 574	133 699	133 955	267 654	2 740 438	2 680 316	5 420 754
30-34	2 412 556	2 356 943	4 769 499	216 963	214 311	431 274	80 537	64 280	144 817	148 546	147 614	296 160	2 858 602	2 783 148	5 641 750
35-39	1 983 049	1 979 731	3 962 780	187 873	193 985	381 858	79 657	65 039	144 696	153 973	154 986	308 959	2 404 552	2 393 741	4 798 293
40-44	1 464 366	1 524 633	2 988 999	156 956	159 655	316 611	65 989	55 929	121 918	149 724	156 690	306 414	1 837 035	1 896 907	3 733 942
45-49	1 163 595	1 229 722	2 393 317	151 954	160 711	312 665	58 225	52 793	111 018	172 253	180 395	352 648	1 546 027	1 623 621	3 169 648
50-54	826 898	1 007 293	1 834 191	139 393	162 831	302 224	48 624	48 385	97 009	164 319	173 520	337 839	1 179 234	1 392 029	2 571 263
55-59	657 553	889 121	1 546 674	121 876	143 091	264 967	40 735	44 510	85 245	150 853	163 570	314 423	971 017	1 240 292	2 211 309
60-64	487 043	723 755	1 210 798	92 187	115 516	207 703	32 760	38 250	71 010	145 871	160 934	306 805	757 861	1 038 455	1 796 316
65-69	351 949	566 655	918 604	62 862	88 079	150 941	25 382	32 420	57 802	131 643	149 675	281 318	571 836	836 829	1 408 665
70-74	218 084	401 022	619 106	37 570	59 557	97 127	17 124	25 144	42 268	115 212	133 461	248 673	387 990	619 184	1 007 174
75-79	119 451	245 958	365 409	20 028	36 794	56 822	9 785	16 923	26 708	84 341	103 782	188 123	233 605	403 457	637 062
80+	77 062	199 956	277 018	12 992	34 021	47 013	6 652	16 481	23 133	89 526	140 583	230 109	186 232	391 041	577 273
Total	23 519 474	24 634 253	48 153 727	2 555 204	2 692 536	5 247 740	787 662	753 451	1 541 113	2 266 535	2 413 235	4 679 770	29 128 875	30 493 475	59 622 350

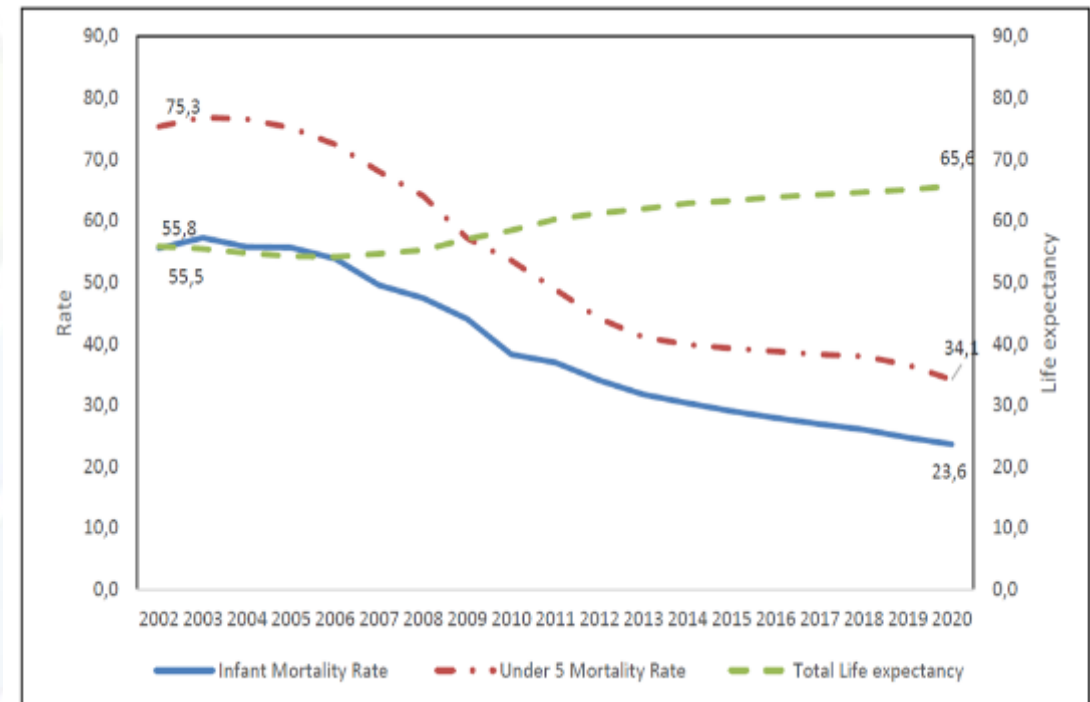
17 050 955

29%

Population growth rates by selected age groups over time, 2002 – 2020



Mortality rate





Road Traffic Information



Global view



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1.35

million deaths each year

#1

cause of death for
children and young
adults 5–29 years of age

8th

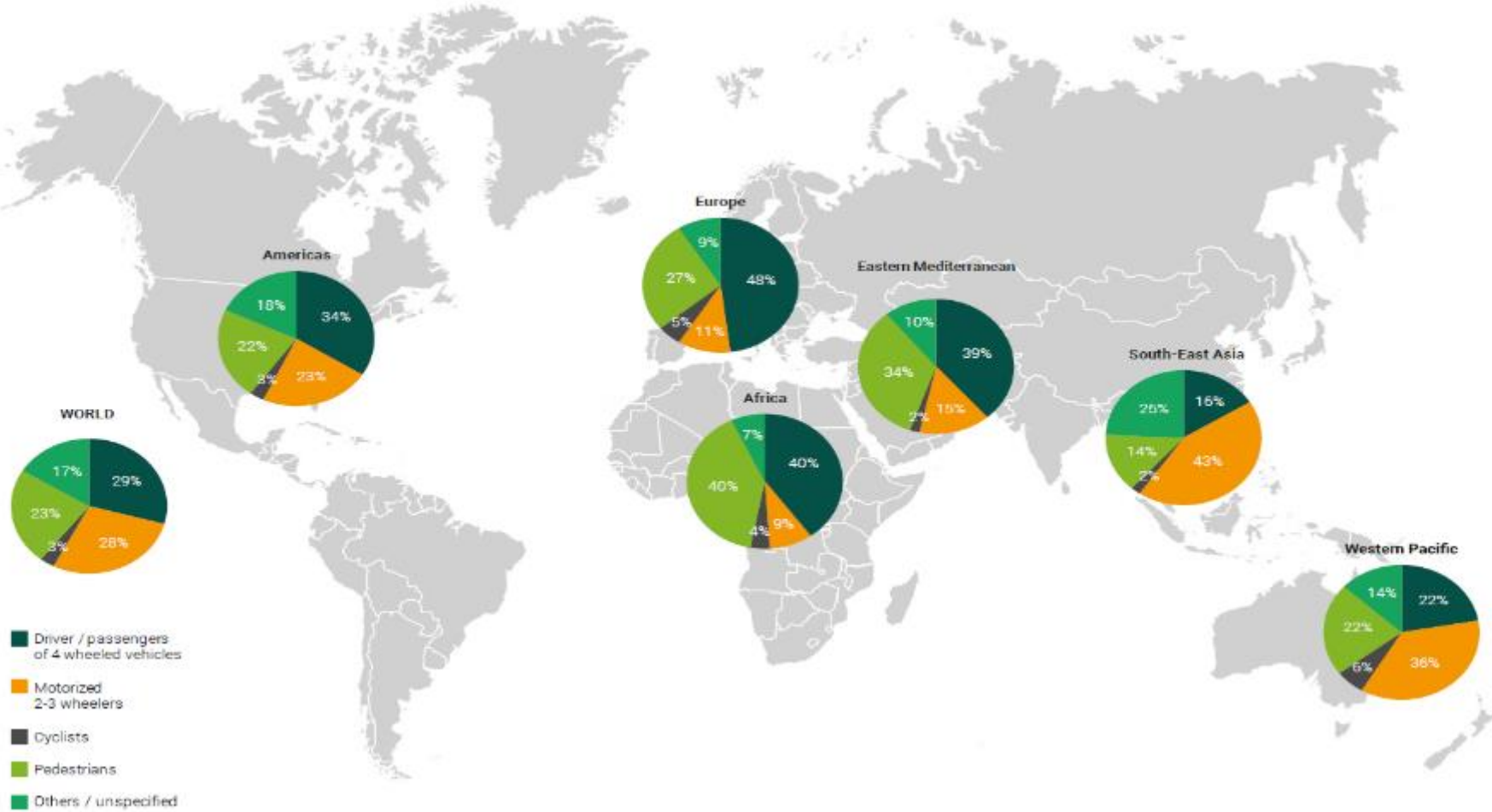
leading cause of death for
people of all ages

More than half
of all road traffic
deaths are
among vulnerable
road users:
pedestrians,
cyclists and
motorcyclists.

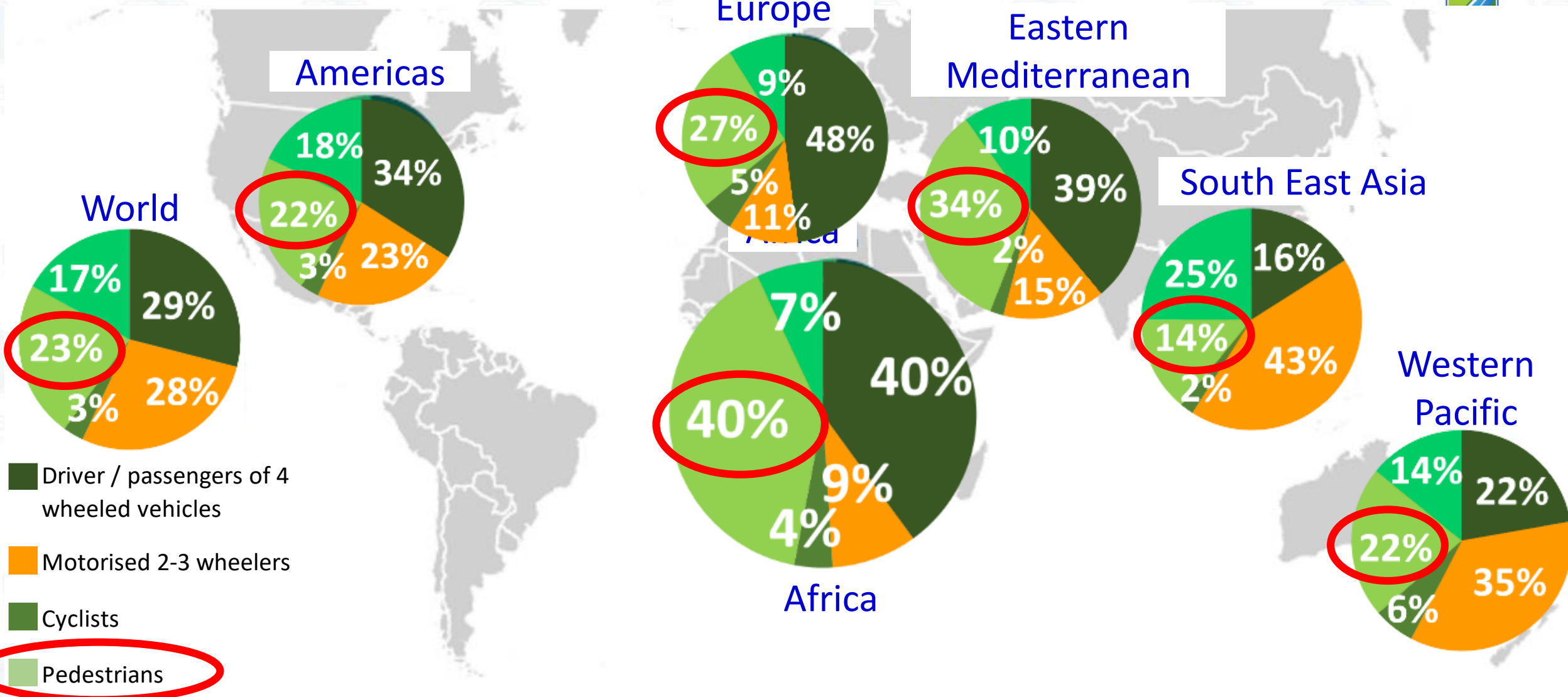
Distribution of deaths by road user type, WHO region



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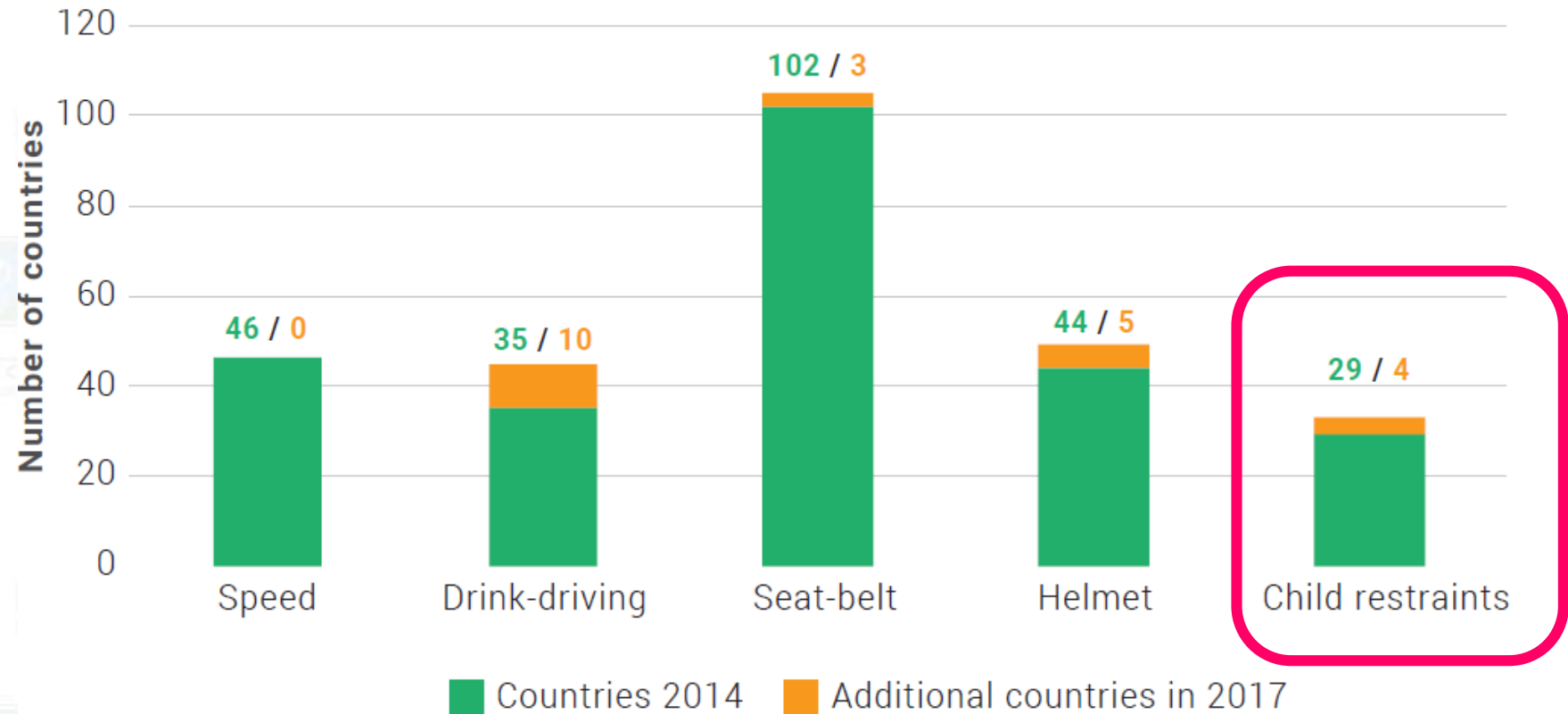


Distribution of deaths by road user type, WHO region



Countries with laws meeting best practice on 5 risk factors, 2014, 2017

33 countries representing **652 million people** currently have laws on the use of child restraints that align with best practice.





National Road Traffic Act



What does Act say?

- An adult is a person over the age of 14 years or taller than one comma five metres;
- a child is a person between the age of three years and 14 years, except where such person is taller than one comma five metres;
- an infant is a person below the age of three years.

Reg 213 (6A) has been in force as from 30 April 2015

(6A) The driver of a motor vehicle operated on a public road shall ensure that an infant travelling in such a motor vehicle is seated on an appropriate child restraint: Provided that this provision shall not apply in a case of a minibus or bus operating for reward.

The child seat has to comply with the SANS legislation

- a. A seatbelt shall comply with the standard specification SABS 1080 “Restraining devices for occupants of adult build in motor vehicles (Revised requirements)” and bear a certification mark or approval mark.**
- b. A child restraint shall comply with the standard specification SABS 1340 “Child restraining devices in motor vehicles” and bear a certification mark or approval mark.**



Regulation in South Africa...

The **Regulations** require that a driver of a motor vehicle must ensure that a **child** (all persons **between the ages of three and fourteen** except those taller than one **and** a half meters) in the vehicle use a **child restraint** if one is available or wear a **seat belt** in a **seat** that is equipped with one.

What is the law in South Africa regarding the wearing of safety belts?

no adult shall occupy a **seat** in a motor vehicle operated on a public road which is fitted with a seatbelt unless such person wears such seatbelt”.

Are child restraints compulsory in South Africa?

Regulation 213 of the National Road Traffic **Act**, 93 of 1996 states that “

- children under the age of 3 must be in a **car seat**.
- Children between the ages of 3-14 or 1.5 meters tall must be in a **car seat** if one is available. In the event, you don't have a **car seat** available your **child** needs to be strapped in with a seatbelt.

Regulation in South Africa cont...

What Age Can child sit in front seat SA?

Children aged between **four years** and up to **seven years** may travel in the front seat if a car has two or more rows of seats, provided they use an approved restraint (e.g. a booster seat) and only in the following situations: all rear seats are being used by children aged under **7 years**.

What is the weight and age for car seats?

Children at least **4 years** of age but less than 7 and who measure less than 4'9" or weigh less than 65 pounds shall use a belt positioning booster seat system meeting applicable federal motor vehicle safety standards

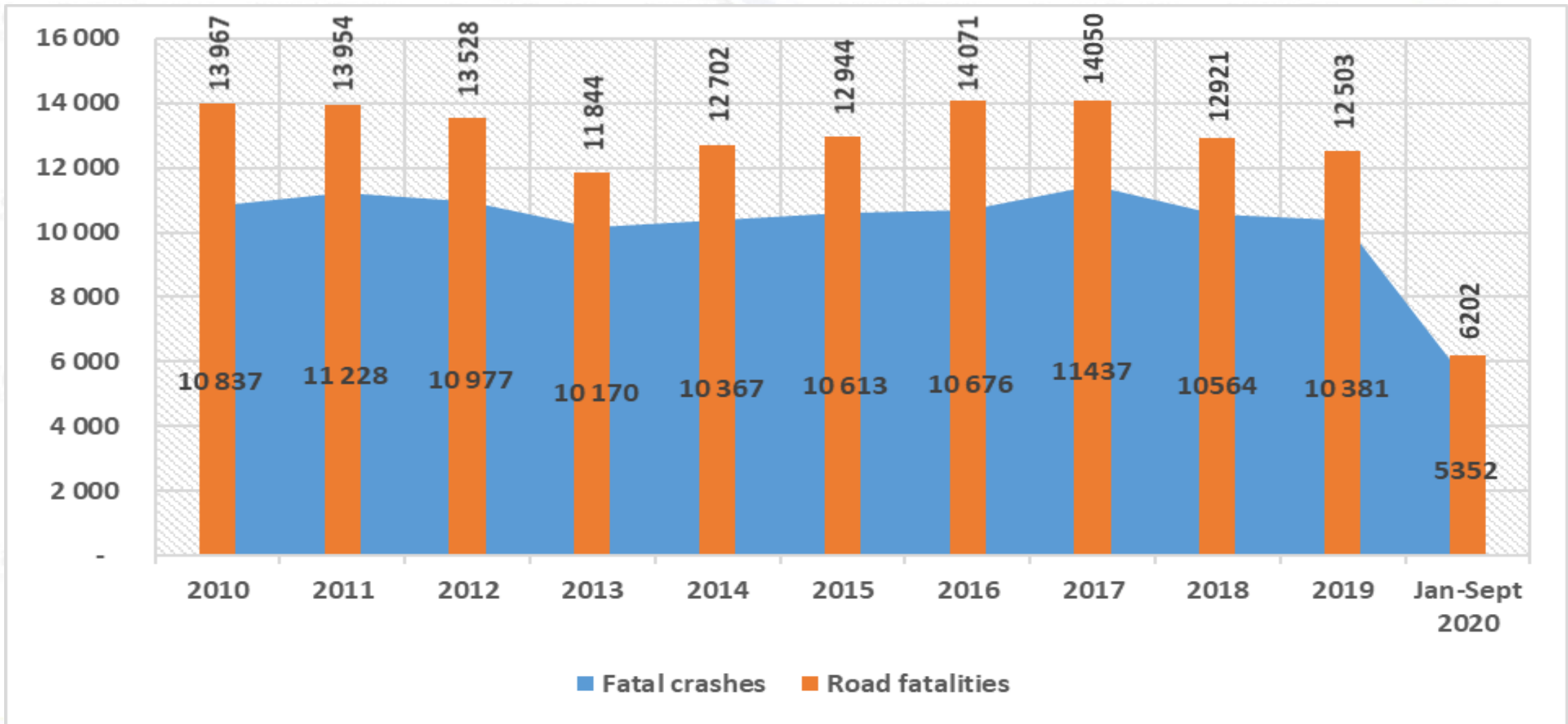
Car seat sizes...

Weight range	Approximate age range	Group
From birth to 13kg	Newborn to 5 months, 5 - 18 months	0+
9kg to 18kg	9 months to 4 years	1
15kg to 25kg	Up to 6 years	2
22kg to 36kg	Up to 12 years	3

What we expect from parents...



Number of fatal crashes and fatalities in South Africa



Our children ...



Gender	2015	2016	2017	2018	2019
Female	2 696	3 198	3 167	2 890	2 767
Males	9 575	10 802	10 650	9 703	9 452
Unknown	673	71	233	328	284
Total	12 944	14 071	14 050	12 921	12 503

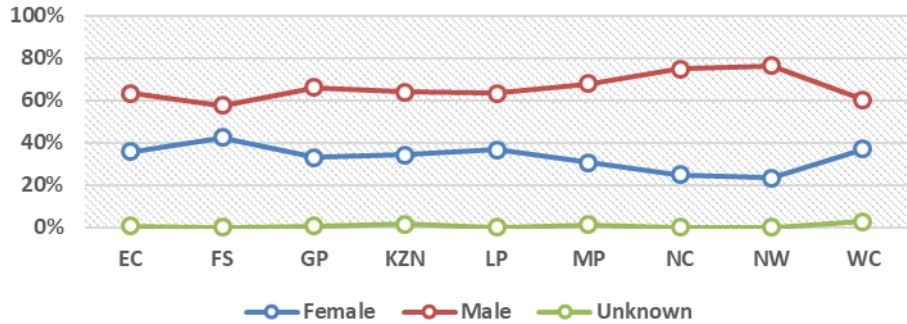
8%

Province	Fatal Crashes			
	Female	Male	Unknown	Grand Total
2019 (Jan - Dec)	338	637	9	984
2020 (Jan - Sept)	143	297	10	450

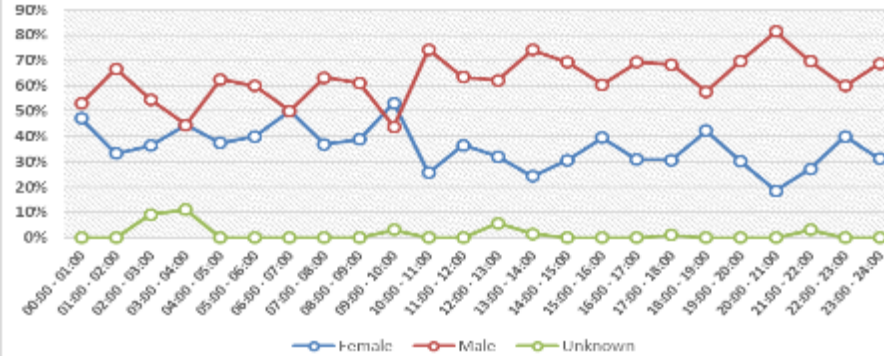
Province	Fatalities			
	Female	Male	Unknown	Grand Total
2019 (Jan - Dec)	342	664	11	1017
2020 (Jan - Sept)	143	300	11	454

2019 Information for children age 0 – 14 years

Percentage distribution of fatal crashes per province

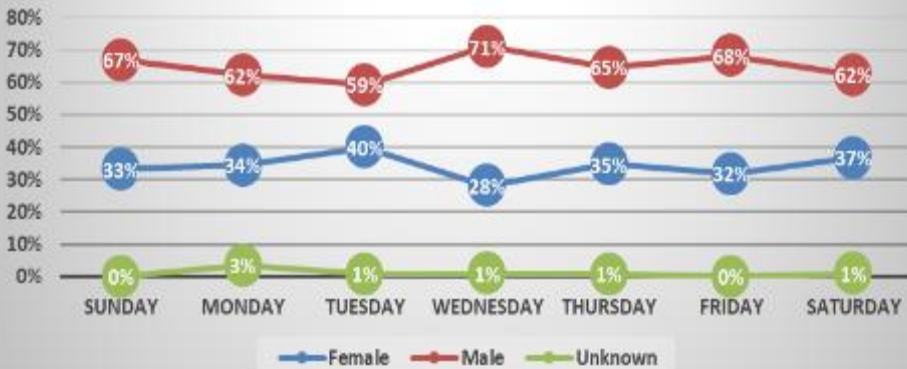


Percentage distribution of fatal crashes per time

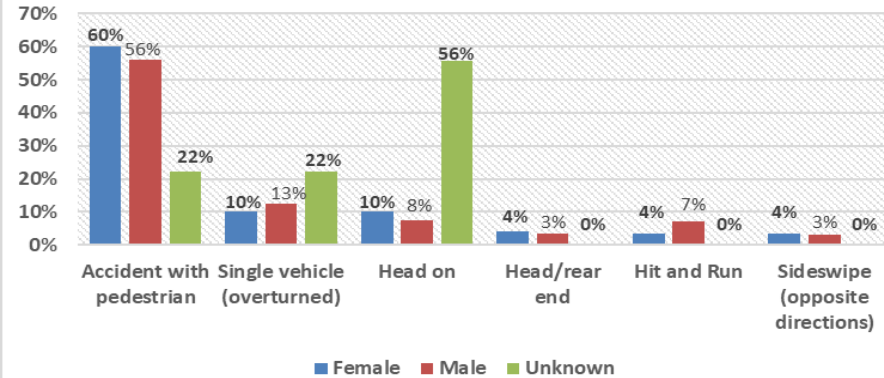


Province	Fatal Crashes			
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Percentage distribution of fatal crashes per week



Percentage distribution of fatal crashes per crash type



Province	Fatalities			
	Female	Male	Unknown	Grand Total
2019 (Jan - Dec)	342	664	11	1017
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Impact of COVID - 19

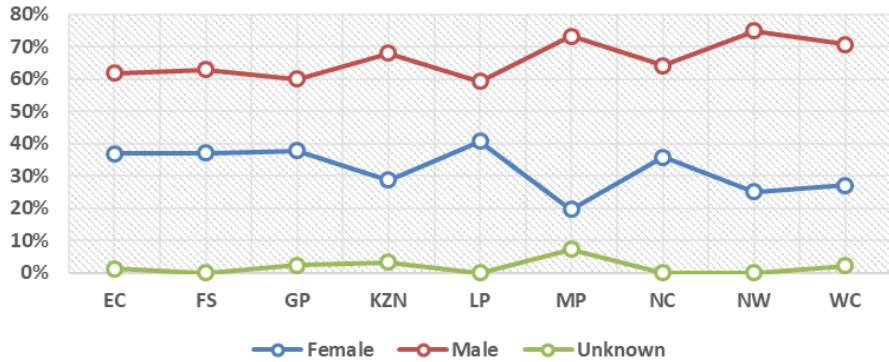


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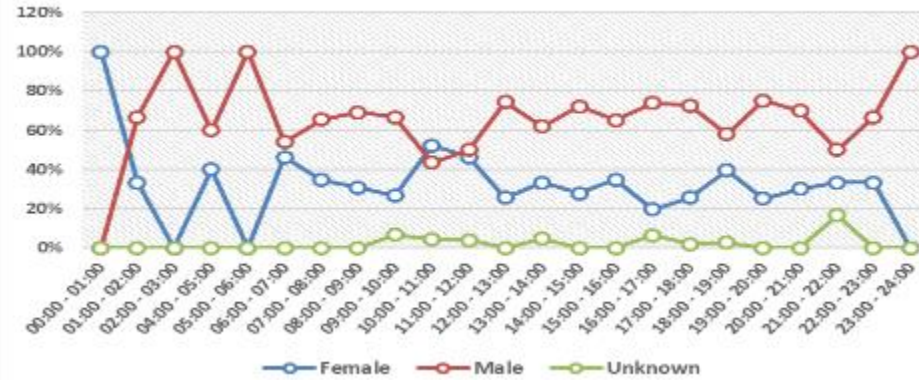


2020 Information for children age 0 – 14 years

Percentage distribution of fatal crashes per province

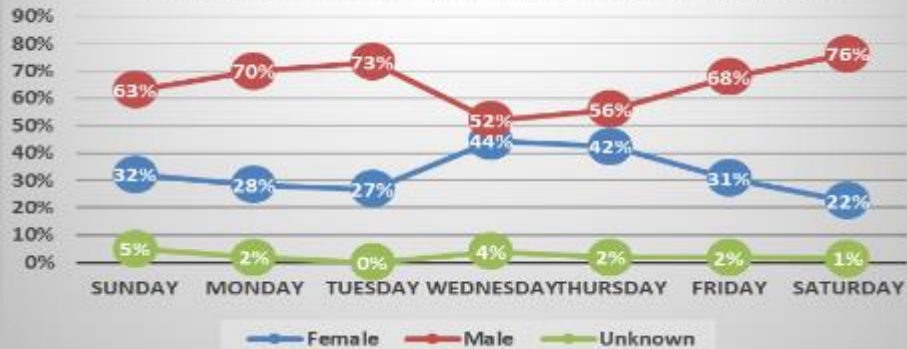


Percentage distribution of fatal crashes per time

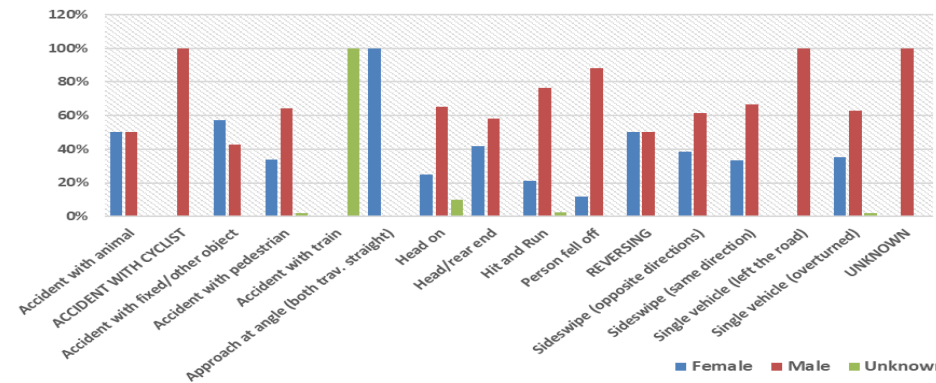


Province	Fatal Crashes			
	Female	Male	Unknown	Grand Total
2019 (Jan - Dec)	338	637	9	984
2020 (Jan - Sept)	143	297	10	450

Percentage distribution of fatal crashes per day of week

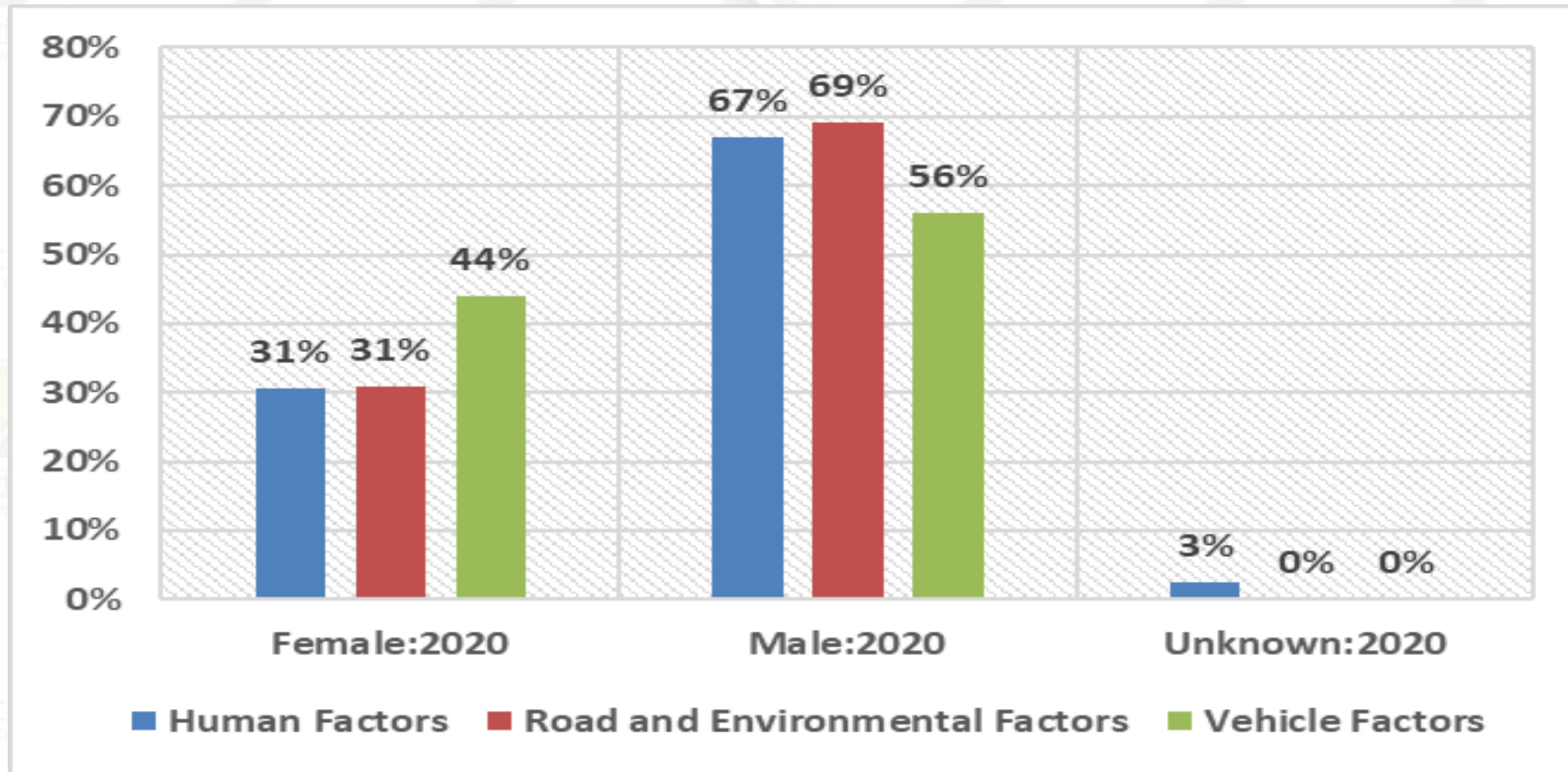


Percentage distribution of fatal crashes per crash type

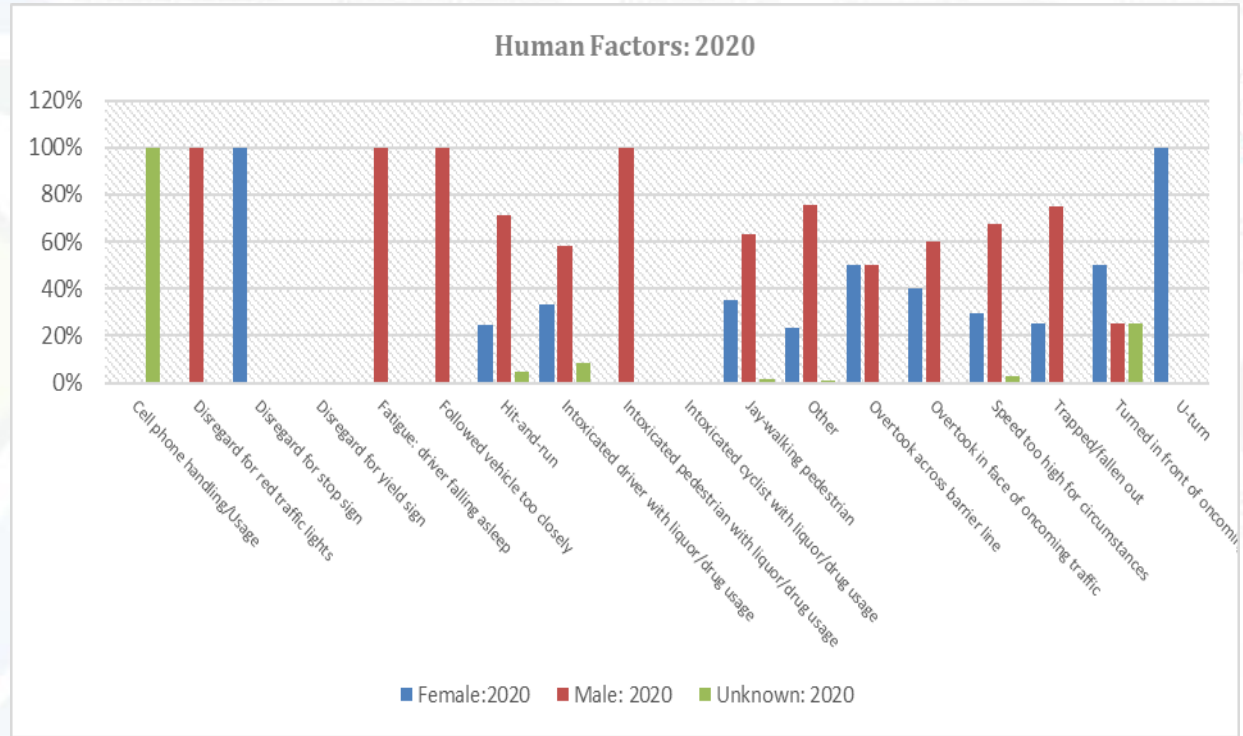
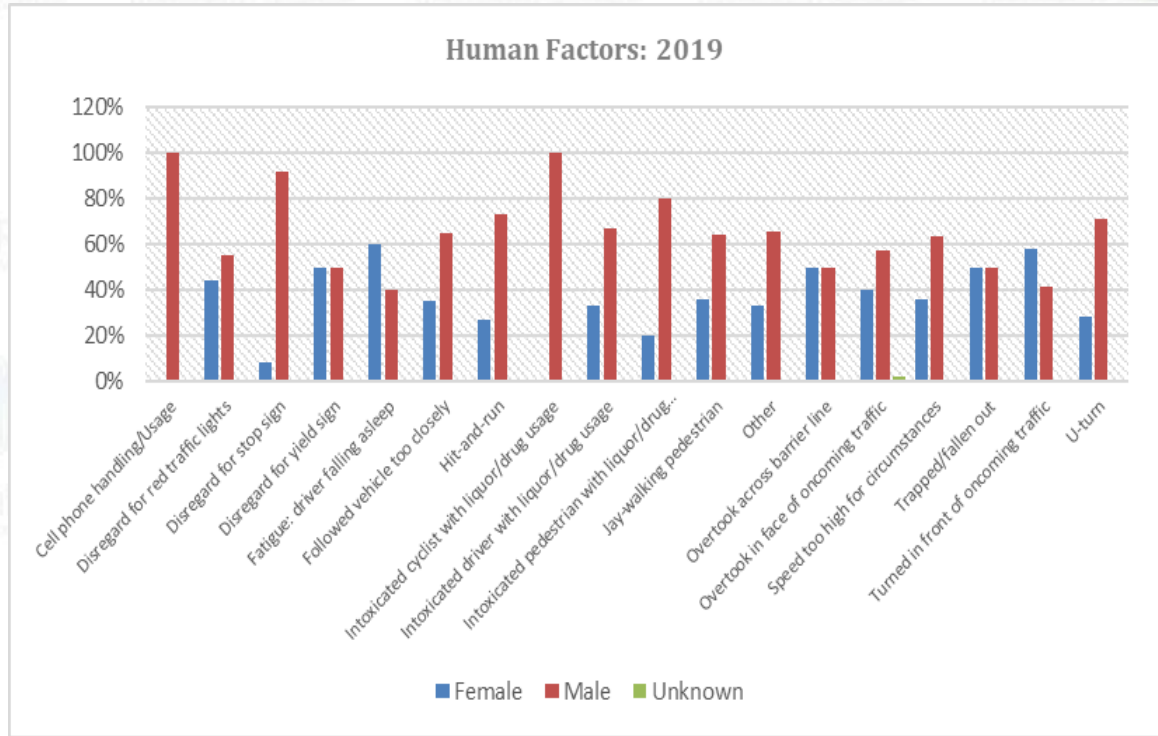


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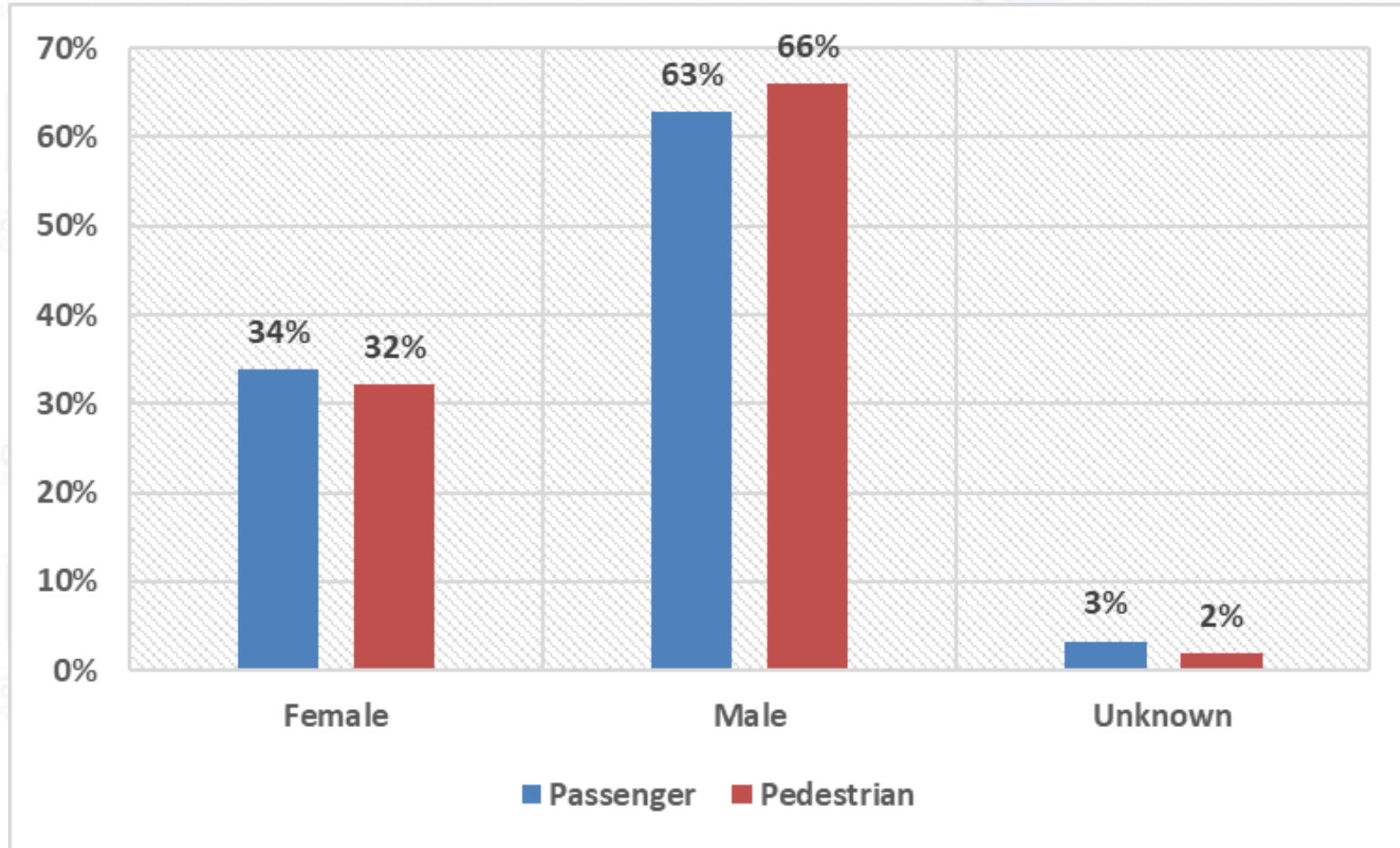
Percentage distribution of contributory factors: 2020



Human Factors



Percentage distribution of fatalities per gender and road user : 2020



We can avoid this...



Love them to be alive than being butterflies in the car...





What must happen?

- Whose responsible for children's safety? (e.g Right car seat, booster seats, baby seats, etc)
- Road users on the road? (drive defensively)
- Teach them to buckle up from an early age.

What are the benefits?

- Reduce the risk (deaths and severity of injuries)
- Prevent the occupants (ejected from the vehicle)
- Prevent injuries to others
- Save lives

THE BEST WE CAN DO IS TO BUCKLE UP!





THANK YOU!

