























The Importance of Health (Cardiovascular) bushfire CR									
\rightarrow	Association betw	veen BMI and	health charac	teristics (index	ked to age)				
	BMI								
		Normal <25	Overweight 25>30	Obese 30>39	Morbidly Obese >39				
V	O _{2max}	48.6 ± 3.8	44.7 ± 5.8	41.7 ± 3.9	37.0 ± 2.8				
s	ystolic	116.4 ± 10.1	122.6 ± 11.5	123.2 ± 10.0	128.0 ± 13.0				
D	iastolic	73.3 ± 8.4	76.2 ± 8.0	78.8 ± 7.3	88.8 ± 7.6				
Associations in fire fighters with CVD risk factors: -Systolic BP -Triglycerides -Diastolic BP									
-To	otal cholesterol holesterol/ HDL	ratio		K					

The Importance of Health (Respiratory)										
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→		Australian Population	American FF (Byrd & Collins)							
Age Group		FEV ₁ / FVC ratio	FEV ₁ / FVC ratio							
	18-29	0.82	0.73							
	30-39	0.80	0.76							
	40-49	0.79	0.79							
	50-59	0.76	0.76							
	60-69	0.73								
	70-78	0.72								
-	-30% of sample populations in literature are smokers Higher chance of respiratory damage									
-	- Some acute changes in lung function in American Wildfire FF									











