

COUNTRY PROFILE

ZIMBABWE

CLIMATE: **SEVERE** CARBON: **MODERATE**

THE MONITOR ASSESSMENT

The Climate Vulnerability Monitor provides a comprehensive national-level assessment of vulnerabilities and impact specifically related to contemporary climate change and carbon intensiveness. This 2012 Monitor assessment was commissioned by the Climate Vulnerable Forum and has been independently developed by DARA. It is grounded in leading and up-to-date scientific studies, research and data assimilated on the basis of an externally reviewed methodology. The assessment spans 34 indicators of impact/vulnerability: 22 for climate change ("Climate") and 12 for carbon intensiveness ("Carbon"). Estimates in human, economic and environmental terms are for 2010 and 2030. Vulnerability at country-level and by indicator is comparative to the 184 countries included in the assessment.

→ For the full report, data & additional info: www.daraint.org/cvm2 - cvm@daraint.org - +34 915310372

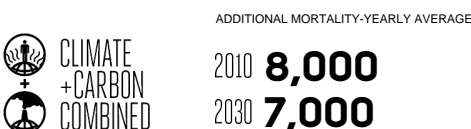
ECONOMIC NATIONAL LOSS TOTALS: ZIMBABWE

ADDITIONAL ECONOMIC COSTS (NEGATIVE NUMBERS SHOW POSITIVE EFFECTS) - YEARLY AVERAGE



HUMAN NATIONAL LOSS TOTALS: ZIMBABWE

ADDITIONAL HUMAN IMPACTS (NEGATIVE NUMBERS SHOW POSITIVE EFFECTS) - YEARLY AVERAGE



FULL COUNTRY ASSESSMENT: ZIMBABWE

	VULNERABILITY LEVEL		ADDITIONAL ECONOMIC COSTS (MILLION USD PPP)		ADDITIONAL MORTALITY		ADDITIONAL AFFECTED POPULATION (1000s)		OTHER VALUE 1*		OTHER VALUE 2*	
	2010	2030	2010	2030	2010	2030	2010	2030	2010	2030	2010	2030
ENVIRONMENTAL DISASTERS												
DROUGHT	+	+	1	10								
FLOODS AND LANDSLIDES	+	+	5	25	1	1	15	25				
STORMS					1	5	6	15				
WILDFIRES												
TOTAL			6	35	2	6	21	40				
HABITAT CHANGE												
BIODIVERSITY	+	+	75	500					-9,500	-20,000	150	400
DESERTIFICATION			-1	-10								
HEATING AND COOLING			-30	-150					-250	-400	-150	-250
LABOUR PRODUCTIVITY			25	150					69	56		
PERMAFROST												
SEA-LEVEL RISE												
WATER	+	-	30	200					1	5		
TOTAL			99	690			0	0				
HEALTH IMPACT												
DIARRHEAL INFECTIONS	-	+			150	250	0					
HEAT AND COLD ILLNESSES	-	-			200	250						
HUNGER	-	+			250	400	0	0				
MALARIA AND VECTOR-BORNE	+	+			250	250	65	60				
MENINGITIS	+	+			85	100	0	0				
TOTAL					935	1,250	65	60				
INDUSTRY STRESS												
AGRICULTURE	-	+	75	500								
FISHERIES			5	70								
FORESTRY												
HYDRO ENERGY			-1	-15								
TOURISM												
TRANSPORT												
TOTAL			79	555								
CLIMATE TOTAL			184	1,280	937	1,256	86	100				
ENVIRONMENTAL DISASTERS												
OIL SANDS												
OIL SPILLS												
TOTAL			0	0								
HABITAT CHANGE												
BIODIVERSITY			30	200					55	150		
CORROSION	-	-										
WATER									10	10		
TOTAL			30	200								
HEALTH IMPACT												
AIR POLLUTION	+	+			1,250	2,000	15	45				
INDOOR SMOKE	+	+			5,500	4,000	250	150				
OCCUPATIONAL HAZARDS	-	-			20	35	3	5				
SKIN CANCER	-	-			20	55	0	0				
TOTAL					6790	6090	268	200				
INDUSTRY STRESS												
AGRICULTURE	+		1	-25								
FISHERIES												
FORESTRY	+	-	10	45								
TOTAL			11	20								
CARBON TOTAL			41	220	6,790	6,090	268	200				

VULNERABILITY LEVELS:

- Acute+ (Red +)
- Acute- (Red -)
- Severe+ (Orange +)
- Severe- (Orange -)
- High+ (Yellow +)
- High- (Yellow -)
- Moderate (Green)
- Low (Dark Green)

+ = Upper tier of vulnerability level
 - = Lower tier of vulnerability level

- Environmental disasters
- Habitat change
- Health impact
- Industry stress

CLIMATE = Impact/Vulnerability to Climate Change
CARBON = Impact/Vulnerability to Carbon Intensiveness

	OTHER VALUE 1	OTHER VALUE 2
BIODIVERSITY	Contraction of biological zones (km ²) (cumulative)	Decline in biological richness
DESERTIFICATION	Additional land degraded (km ²) (cumulative)	
HEATING & COOLING	Change in energy load (GWh)	
LABOUR PRODUCTIVITY	Share of workforce particularly affected (%)	
SEA-LEVEL RISE	Net loss of land (km ²) (cumulative)	
WATER	Loss in water runoff 2030 (km ²)	
OIL SANDS	Tonnes toxic waste ('000s)	
OIL SPILLS	Gallons oil spill ('000s)	
BIODIVERSITY	Decline in biological richness	
WATER	Volume of water to treat (millions m ³)	