**ITEM NO. 14**

**THEME 14: WILD LIFE**

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| **Domain**: Reading Literacy | **Theme**: Wild Life | **Class (es):**VII TO X  Expected time: 30 Min  Total Credit: 10 |
| Description of Item:   |  |  | | --- | --- | | √ | Text | | √ | Image | |  | Table | | √ | Graph | |  | Map | |  | Poem | | **Learning outcome**  (As per NCERT)  Understand and locate a single piece of explicitly stated information , Understand and interpret, Locate Information, Evaluate and Reflect, Locating and organizing several pieces of embedded information | |

**Wildlife Populations Worldwide Have Plummeted**

by

[*Niall McCarthy*](mailto:niall.mccarthy@statista.com)*,*

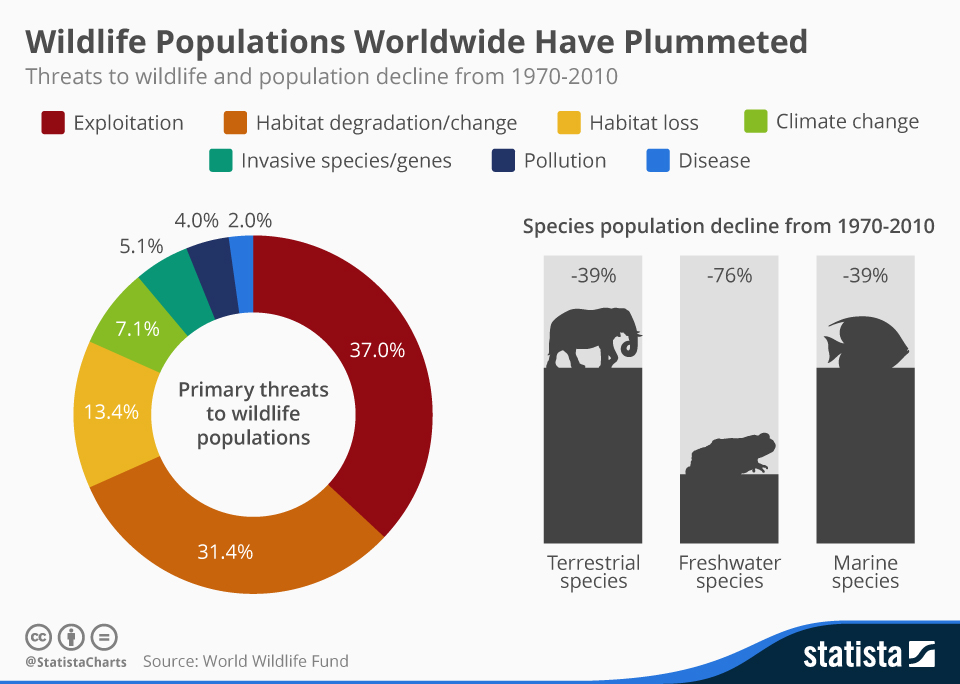
Oct 2, 2014

According to a shocking report released by the World Wildlife Fund, half the planets's wildlife population has vanished since 1970. The vast majority of this is due to human activity with exploitation and habitat degradation/loss being the primary culprits. Overall, 52 percent of the world's mammals, birds, reptiles, amphibians and fish disappeared over that four decade period.   
  
As bad as human activity has been on land, the world's waterways have suffered devastating losses with freshwater wildlife populations plunging 76 percent. The majority of the general decline has occurred in low-income and [developing nations](https://www.statista.com/topics/1393/bric-countries/). Even though some [conservation](https://www.statista.com/statistics/190934/membership-of-national-environmental-and-conservation-organizations-2005-2006/) projects have proven successful, the scale of the disastrous decline makes for grim reading.



Niall McCarthy

Data Journalist

**Description** 

This chart shows threats to wildlife and population decline from 1970 to 2010 Report Do

Source : Internet

**Q.1.1 – How much (%) does exploitation contribute to threaten wild life?**

A) 7.1%

B) 37%

C) 2.0%

D) 5.1%

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| **FRAMEWORK** | **CHARACTERISTICS** |
| SCENARIO | PUBLIC |
| TEXT FORMAT | MUTIPLE |
| TEXT TYPE | EXPOSITION |
| COGNITIVE PROCESS | UNDERSTAND AND INTERPRET |
| RESPONSE FORMAT | SIMPLE MCQ |
| PROFICIENCY LEVEL | 1(b) |

**Credit Pattern:** Full Credit: 2 Partial Credit: 1 No Credit: 0

**Full Credit- B) 37%**

**No Credit- For other response**

**Q 1.2. Which threat (as per pie chart) is least responsible for wildlife decline over the years?**

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| **FRAMEWORK** | **CHARACTERISTICS** |
| SCENARIO | PUBLIC |
| TEXT FORMAT | MUTIPLE |
| TEXT TYPE | EXPOSITION |
| COGINITIVE PROCESS | RETRIEVE TARGET INFORMATION |
| RESPONSE FORMAT | SHORT RESPONSE |
| PROFICIENCY LEVEL | 1(b) |

**Credit Pattern:** Full Credit: 2 Partial Credit: 1 No Credit: 0

**Full Credit- Disease**

**No Credit- For other response**

**Q 14.3. Tick the Correct Option**

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| --- | --- |
| **Terrestrial species** | **39%** |
| **Fresh water species** | **28%** |
| **Climate change** | **20%** |
| **Habitat losss** | **50%** |

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| **FRAMEWORK** | **CHARACTERISTICS** |
| SCENARIO | PUBLIC |
| TEXT FORMAT | MUTIPLE |
| TEXT TYPE | EXPOSITION |
| COGINITIVE PROCESS | SCAN AND RETRIEVE |
| RESPONSE FORMAT | COMPLEX MCQ |
| PROFICIENCY LEVEL | 1 |

**Credit Pattern:** Full Credit: 2 Partial Credit: 1 No Credit: 0

**FULL CREDIT:**

1) Terrestrial species **-39%**

**NO CREDIT : No other response**

**Q 14.4- Human Activities have affected worlds’ waterways. Justify your answer.**

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| **FRAMEWORK** | **CHARACTERISTICS** |
| SCENARIO | PUBLIC |
| TEXT FORMAT | MUTIPLE |
| TEXT TYPE | EXPOSITION |
| COGINITVE PROCESS | EVALUATE AND REFLECT |
| RESPONSE FORMAT | OPEN CONSTRUCTED |
| PROFICIENCY LEVEL | 2 |

**Credit Pattern:** Full Credit: 2 Partial Credit: 1 No Credit: 0

**FULL CREDIT:**

1) Throwing sewage ,Industrial waste, Harmful fertilizers.

**NO Credit-** for other response

**Q14. 5- Why has wildlife population plummeted over the years?**

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| **FRAMEWORK** | **CHARACTERISTICS** |
| SCENARIO | PUBLIC |
| TEXT FORMAT | MUTIPLE |
| TEXT TYPE | EXPOSITION |
| COGINITVE PROCESS | INTEGRATE AND REFLECT |
| RESPONSE FORMAT | CLOSED CONSTRUCTED |
| PROFICIENCY LEVEL | 2 |

**Credit Pattern:** Full Credit: 2 Partial Credit: 1 No Credit: 0

**FULL CREDIT:**

1. Exploitation
2. Climate change
3. Disease
4. Invasive species
5. Pollution

**No Credit -** other response