



SIERRA LEONE

PUJEHUN

NDPBA DISTRICT PROFILE

SIERRA LEONE PUJEHUN

CAPITAL: PUJEHUN

Area: 4,105 km²

Pujehun District is in the Southern Province and borders the Atlantic Ocean in the southwest, the Republic of Liberia to the southeast, Kenema district to the northeast, Bo district to the north and Bonthe district to the west. The town of Pujehun is the capital of the district. The population is predominantly Muslim mainly belonging to the Mende ethnic group. Pujehun has significant natural resource potentials; it has high river navigation potentials – with the Wanjei, Moa and Mano Rivers linked to the Atlantic Ocean on one end and to several tributaries that are navigable to several villages and tourism destinations in Sierra Leone and Liberia with large stretches of naturally beautiful beaches. The Gola Forest National Park which is a significant biodiversity hotspot stretches across Makpele and Soro Gbema Chiefdoms. Tiwai Island in Barri Chiefdom is a fantastic tourist attraction with wide ranging biodiversity. Diamond mining is a major economic activity in the district, as well as agricultural production of cassava, coffee, and cacao.



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Moderate

Score: 0.490 • Rank: 7/14



RESILIENCE (R) - Low

Score: 0.385 • Rank: 11/14



MULTI-HAZARD EXPOSURE (MHE) - Low

Score: 0.240 • Rank: 10/14



VULNERABILITY (V) - High

Score: 0.584 • Rank: 3/14



COPING CAPACITY (CC) - Very Low

Score: 0.454 • Rank: 7/14



Population (2015)

346,461



Infant Mortality Rate

80



Illiterate population

57.7%



Access to improved water

70.5%



Average life expectancy

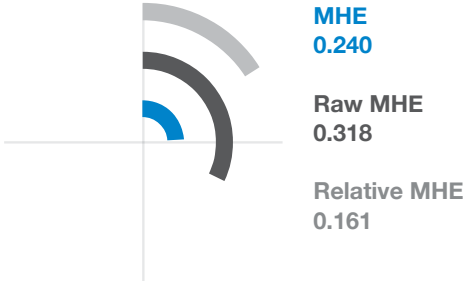
49.4 years

*For more information on data and components please visit: <https://bit.ly/2LqVoUO>




MULTI-HAZARD EXPOSURE (MHE)


RANK: 10 / 14 DISTRICTS
SCORE: 0.240




ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:



Inland Flood
4.7%
16,735




Coastal Flood
1.0%
3,532



Landslide
52.0%
184,472



Drought
0.0%
0



Wildfire
5.1%
18,161



VULNERABILITY (V)

RANK: 3 / 14 DISTRICTS ASSESSED
SCORE: 0.584

Vulnerability in Pujehun is primarily driven by Information Access Vulnerability and Economic Constraints. The bar chart indicates the socioeconomic themes contributing to the district's overall Vulnerability score.



Environmental Stress

Rank: 11/14 Districts Assessed

1.9% Average Annual Forest Loss	21.92 Livestock Density (per sq km)	6.3% Erosion Potential	0.23 Ecological Change	50.3% Area Affected by Mining
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Vulnerable Health Status

Rank: 4/14 Districts Assessed

49.4 Life Expectancy (years)	80 Infant Mortality Rate (per 1,000 live births)	156 Maternal Mortality Ratio	7.2% Acute Malnutrition (Children <5)	4.3% Population with Disability	86.2 Tuberculosis Incidence (per 100,000 persons)	46.8% Malaria Prevalance (per 100,000 persons)	0.8% HIV Prevalance (per 100,000 persons)
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Clean Water Vulnerability

Rank: 8/14 Districts Assessed

70.5% Households with Improved Water Source	30.6% Households with Improved Sanitation	66.4% Population at High Risk of Fecal Contamination	14.4% Water Source > 30 minutes from Home
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Information Access Vulnerability

Rank: 2/14 Districts Assessed

57.7% Illiteracy Rate (Age 10+)	73.2% Primary School Attendance Ratio	3.7% Upper Secondary Completion Rate	6.2% Households with Internet	0.4% Households with Television	44.1% Households with Internet
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Economic Constraints

Rank: 5/14 Districts Assessed

80.55 Economic Dependency Ratio	3.8% Population in Poorest Wealth Quintile	0.25 Income Inequality (GINI)	19.9% Child Labor Participation (Age 10-14)
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Gender Inequality

Rank: 5/14 Districts Assessed

0.89 Female to Male Land Ownership*	1.12 Female to Male Home Ownership*	0.88 Female to Male Labor Participation*	0.45 Female to Male Secondary Education*	0.0% Female Seats in Local Council
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*Values closer to 1 represent greater gender parity.



Population Pressures

Rank: 5/14 Districts Assessed

3.8% Average Annual Population Change	2.5% Average Annual Urban Population Change	7.5 Net Migration Rate	40.7% Population that is Food Insecure	39.2% Ratio of Youth (15-24) to Adult (15+)
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COPING CAPACITY (CC)

RANK: 7 / 14 DISTRICTS ASSESSED
SCORE: 0.454

Pujehun exhibits weaker Coping Capacity in the areas of Energy Capacity and Emergency Service Capacity. The bar chart indicates the socioeconomic themes contributing to the district's overall Coping Capacity score.



Economic Capacity



Rank: 13/14 Districts Assessed

9.9%

Households with Bank Account

94.9%

Income per Capita

1.4%

Population in Highest Wealth Quintile

0.83

Financial Institutions per 100k Persons



Governance



Rank: 8/14 Districts Assessed

1.44

Conflict Events per 100k Persons

79.6%

Voter Participation



Environmental Capacity



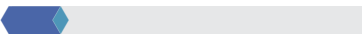
Rank: 6/14 Districts Assessed

6.3%

Protected Area



Infrastructure Capacity



Rank: 13/14 Districts Assessed



Health Care Capacity Rank: 9/14 Districts Assessed

9

Hopital Beds per 10,000 People

0.11

Physicians per 10,000 People

1.39

Nurses per 10,000 People

15.3

Average Distance to Nearest Hospital (km²)

92.1%

Vaccination Coverage



Transportation Capacity Rank: 14/14 Districts Assessed

0.42

Road Density (km per sq. km)

67.7

Distance to Airport or Seaport (km)



Communications Capacity Rank: 11/14 Districts Assessed

58.7%

Households with Mobile Phone

6.29

Cellular Towers per 100k Persons



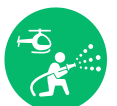
Energy Capacity Rank: 14/14 Districts Assessed

0.1%

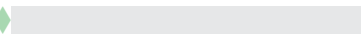
Households Connected to Electric Grid

0

Fuel Stations per 100k Persons



Emergency Service Capacity



Rank: 10/14 Districts Assessed

0

Firefighters per 100k Persons

0

Search and Rescue Teams per 100k Persons

0

Fire Vehicles per 100k Persons



RESILIENCE (R)

RANK: 11 / 14 DISTRICTS
SCORE: 0.385

Pujehun's score and ranking are due to High Vulnerability combined with Very Low Coping Capacity scores.

Below are the four thematic areas with the weakest relative scores:



**Information
Access
Vulnerability**



**Economic
Constraints**



Energy Capacity



**Emergency Service
Capacity**



HAZARD-SPECIFIC RISK



Coastal Flood



SCORE: 0.36/14
RANK: 3



Inland Flood



SCORE: 0.11
RANK: 11



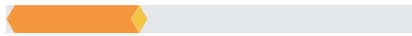
Drought



SCORE: 0.00/14
RANK: 7



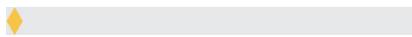
Landslide



SCORE: 0.36/14
RANK: 1



Wildfire



SCORE: 0.00/14
RANK: 14



MULTI-HAZARD RISK (MHR)

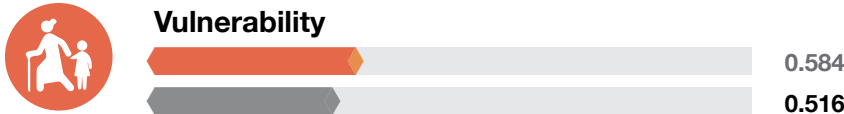
7 / 14

Rank within districts
Score: 0.490



Pujehun’s score and ranking are due to Low Multi-hazard exposure combined with High Vulnerability and Very Low Coping Capacity scores.

Multi-hazard risk component scores compared to overall average country scores:



District score
Country score

PUJEHUN RECOMMENDATIONS

1

Information Access Vulnerability

Limitations in information access can impede a population’s ability to receive, understand, and take action. Emergency messages must take into account the unique information access constraints of the district. Emergency messages presented to the population of Pujehun District must contain clear and simple information to ensure an appropriate response to save lives and reduce losses.

Focus interventions on building literacy standards at the primary level, and on reducing school dropout rates. Ensure that the district has the schools and human resources to support education through the secondary level.

Encourage whole-of-community education to ensure support for education outside of the classroom, including volunteerism, school-to-work programs, and community-based learning projects.

Pujehun district is exposed to landslide, wildfire, inland, and coastal flood hazards. Invest in information technology (internet, television, radio) and associated sustainable energy programs to support multimodal communications and learning environments in the district. Ensuring access to information during normal operations increases the capacity receive, comprehend, and act on critical information and disaster warnings.

2

Economic Constraints

Economic constraints have individual, household, community, and district-wide influence. Limitations on available financial resources reduce opportunities to invest in mitigation and preparedness measures and limit Pujehun District’s ability to facilitate short- and long-term recovery.

Reduce income inequality by encouraging programs that support small business opportunities to diversify livelihoods (beyond agriculture and extractive industry) and generate prospects for equitable distribution of property and economic assets in the district.

Economic constraints in Pujehun are closely linked to Information Access Vulnerability and vice versa. Removing economic barriers to education, and ensuring equitable access to schools, educational resources, and information technology will reduce vulnerability in the District.

PUJEHUN RECOMMENDATIONS

1

Energy Capacity

Homes, businesses, industry, and government all rely on access to energy resources for continuity of daily activities. Expanding, strengthening, and securing the energy network and increasing the availability and quantity of energy reserves in Pujehun will contribute to economic development and increase the speed of recovery processes in the aftermath of a disaster.

Tied with the rural districts of Kambia and Koinadugu, Pujehun district has the lowest access to electricity in Sierra Leone, with just 0.1% of homes connected to the electrical grid. Focus development programs on increasing energy capacity by establishing sustainable power generation within the district and extending the existing transmission and distribution network.

Incentivize construction of gas stations and fuel storage infrastructure to increase fuel capacity and availability.

2

Emergency Service Capacity

Societies establish capacities to manage emergencies that scale from day-to-day events up to catastrophes that impact all of society. Establishing and maintaining a broad range of systems and resources to support emergency services in Pujehun will increase the capacity for disaster management and response.

**Better solutions.
Fewer disasters.**

Safer world.

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