

# UNNATURAL CAUSES

...is inequality making us sick?

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Public Engagement Campaign in Association with the Joint Center for Political and Economic Studies Health Policy Institute.

## EPISODE 6 - COLLATERAL DAMAGE (29 mins)

The lives and health of Marshall Islanders in the south Pacific were disrupted in a unique fashion when the United States used their outer islands for extensive nuclear testing after World War II. Between 1946 and 1958, 67 atomic devices were detonated - the estimated yield equivalent to 1.7 Hiroshima blasts every day for 12 years.

After miscalculations on one of the largest explosions caused fallout to land on three inhabited islands, residents were treated, relocated, and tracked to study the effects of radiation exposure on humans. Hundreds of other Marshallese were moved off their home islands to make way for the testing and to build a permanent military base.

Their lands, culture, and traditional way of life destroyed, many Marshallese, desperate for jobs, now crowd the island of Ebeye. Here, they face the worst of both the “developing” and industrialized worlds. Tuberculosis and other infectious diseases are fed by poverty and squalid conditions. Lack of economic opportunities and healthy food options, combined with the stress of dislocation and cultural loss, have also led to high rates of chronic illnesses like diabetes, heart disease, hypertension, obesity and cancer.

A few miles away on Kwajalein Island, where the U.S. base is located, American contractors and their families enjoy a pleasant suburban environment. Health outcomes here are comparable to the U.S. Although more than 1,100 Marshallese work on Kwajalein, they’re not allowed to live there and must commute by ferry to and from Ebeye, where power outages and sanitation issues are a continuing problem.

Today, around 10,000 Marshall Islanders, seeking a better future, have ended up in the unlikely place of Springdale, Arkansas. A special treaty allows Marshallese citizens to live and work in the U.S. freely without a visa. Drawn by plentiful jobs in the meat processing industry and a low cost of living, most are happy to have better educational opportunities and healthier options.

But even though the Marshallese can leave the impoverished conditions of their homeland behind, they can’t escape the effects of having lived in poverty. They must also cope with the stress of an unfamiliar environment. Rates of tuberculosis and other infectious diseases among Marshallese living in the U.S. are far above the national average. Chronic disease rates are also high.

The health problems that Marshallese people experience today are the price they’ve paid to help the U.S. maintain a strategic military presence in the Pacific. Our relationship with the Marshall Islands has shaped much of its fate over the past 60 years; it can also help improve their prospects for life and better health in the future.