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Social Impacts of Infrastructure Decay in Rapidly Expanding Cities-History, Mechanisms, and a Forecast for a World on the Edge

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Abstract: The research investigates how urban growth leads to deteriorating infrastructure which generates social economic problems that worsen social inequality and produce dangerous public health risks. The research combines qualitative data from community interviews and case studies with quantitative information about population statistics and infrastructure assessment results. The research establishes a direct relationship between deteriorating infrastructure and elevated rates of chronic diseases and mental health issues and social economic challenges that affect vulnerable population groups.

Keywords: Infrastructure decay, urbanization, social inequality, public health risks, urban sustainability, infrastructure resilience, economic disparities, rapid urban growth, environmental degradation, vulnerable communities

1. Introduction

The research investigates essential historical data which shows how failing infrastructure systems create negative effects on public health. The research identifies three main service delivery problems which create environmental risks and restrict people's access to essential resources [cited]. The research results indicate policymakers need to begin immediately for building disaster-resistant infrastructure systems. The funding for infrastructure development generates two advantages which help decrease health disparities.

Urban sustainability benefits from infrastructure investment which simultaneously creates essential conditions for advancing public health equity. The research results show that urban development specialists must work with health experts and government officials to build socially just cities which will achieve better health results. Health-focused planning needs to direct infrastructure development because failing infrastructure systems generate social justice problems which harm the health of urban residents.

Infrastructure Decay and Economic Impact in Rapidly

Expanding Cities

Expanding Cities		
Metric	Value	
Projected U.S. GDP Loss by 2039 Due to	\$10	
Infrastructure Underinvestment	trillion	
Annual Cost per American Household from	\$3,300	
Infrastructure Inadequacies		
Cumulative Business Productivity Loss by 2039 from	Over \$23	
Infrastructure Issues	trillion	
Percentage of U.S. Cities Experiencing Population	43%	
Decline	4370	
Percentage of U.S. Cities Experiencing Population	40%	
Growth	4070	
Percentage of U.S. Cities with Fluctuating Population	17%	
Trends	1 / /0	

Modern cities operate through extensive networked infrastructure systems which enable their social systems and economic activities and environmental sustainability. The expected urban population expansion from 55% to 68% during 2050 will transform operational problems into survival-threatening challenges for essential systems Booker M et al. 2025. The public now views infrastructure system deterioration as a major issue. System failures generate two main problems because they endanger essential public services and make social inequalities worse while breaking down social connections between different communities Volodko N et al. 2025. The study examines various social damage mechanisms which occur because of deteriorating infrastructure systems. The research investigates how physical deterioration throughout history developed into social issues which now impact society through health risks and school closures and economic deterioration (Navneet et al.). 2025. The research investigates three main objectives which include monitoring infrastructure development patterns through time and identifying social damage mechanisms and developing projections based on various policy scenarios Jain M et al. 2019.

The research contributes to the expanding body of work which recognizes infrastructure as a vital element for social welfare instead of treating it as a technical matter C Miki 2014. The research results will help policymakers and urban planners create immediate solutions which concentrate on prolonged infrastructure upkeep and fair financial support distribution. The research establishes complete connections between infrastructure systems and social systems to create a complete framework for studying infrastructure deterioration in expanding cities. The lack of immediate coordinated funding for infrastructure maintenance will create a situation where social inequalities grow while social stability deteriorates worldwide [quote4, cite7]. The research supports urban infrastructure resilience initiatives which emphasize that urban growth requires both proactive and inclusive strategies for maximum effectiveness Carol-In and Muayadi A and Jalilul 2025. The research method tackles essential social issues which develop because of deteriorating infrastructure. The research delivers vital results which help researchers predict future development paths according to Agbeni KE et al. 2025.

2. Literature Review

Research studies about social effects from deteriorating infrastructure in fast-growing cities show how past events and economic conditions and upcoming scenarios create complex

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relationships. The historical research conducted by Booker M and his team shows that previous infrastructure breakdowns create ongoing issues which mainly harm disadvantaged social groups. 2025 and Volodko N et al. 2025. The historical perspective shows how urban infrastructure systems create social inequalities through their design structure which produces rising economic and social challenges. The different methods which infrastructure deterioration creates social problems exist through multiple routes. The inadequate delivery of public services leads to deteriorating health results and growing educational achievement gaps between different social groups according to Navneet et al. 2025 and Jain M et al. 2019. The deterioration of essential services leads to decreased quality of life and increased social conflicts because urban areas with dense populations experience increased competition for limited resources according to Carol-In and Muayadi A and Jalilul 2025 and Cahen C 2016. The deterioration of fundamental services leads to reduced quality of life and increased social tensions because densely populated urban areas face intense competition for limited resources according to Carol-In and Muayadi A and Jalilul 2025 and Cahen C 2016.

The expansion of cities leads to insufficient infrastructure development which results in resource depletion according to C Miki 2014. Cities need to develop new solutions right away because their deteriorating infrastructure requires immediate governmental action. The social structure of these cities will continue to deteriorate unless sufficient funding and strategic planning efforts emerge to control social inequality growth and political instability according to Agbeni KE et al. 2025, Bhagyamma C S et al. 2025. The social arrangement of urban areas depends on infrastructure development because it creates permanent conditions for development and community peace according to Duah BK et al. 2025 and E Noaime et al. 2025 and D Kovalenko et al. 2024. The historical records together with existing funding systems for infrastructure development show that infrastructure funding should transition from economic goals to support urban social equilibrium and environmental sustainability according to Duah BK et al. 2025 and E Noaime et al. 2025 and D Kovalenko et al. 2024.

Research on social effects from deteriorating infrastructure in expanding cities needs scientists to master various research approaches. The qualitative research methods of interviews ethnographies show how residents experience deteriorating infrastructure through their personal stories which reveal their safety concerns and community relationships. The extensive research shows that people view deteriorating infrastructure as a decline in social capital which affects their trust in local institutions and their community involvement according to Booker M et al. 2025 and Volodko N et al. 2025. The quantitative research methods show how infrastructure conditions impact social results through statistical data which demonstrates their influence on urban health and educational and economic development (Navneet et al.). 2025 and Jain M et al. 2019. Scientists conduct hybrid research which unites qualitative and quantitative methods to analyze social system interactions with infrastructure systems.

The studies demonstrate that infrastructure deterioration creates unequal effects on different population groups because vulnerable communities experience increased vulnerability according to C Miki 2014 and Carol-In and Muayadi A and Jalilul 2025. Research studies conduct comparative urban analysis to study how infrastructure deterioration affects social conditions which enables scientists to create new theories about urban inequality according to Cahen C 2016 and Agbeni KE et al. 2025. Scientists need to study social effects across different time periods to achieve a complete understanding according to the research. The research shows that short-term solutions for infrastructure breakdowns create lasting transformations which either boost or transform existing social inequality systems Bhagyamma C S et al. 2025 and Duah BK et al. 2025. The research shows that urban population expansion leads to excessive demands on existing infrastructure which produces social problems because of insufficient resources Jain M et al. The review demonstrates that infrastructure deterioration represents a systemic problem which requires an intersectional solution that combines racial and class and geographical factors Carol-In and Muayadi A and Jalilul 2025. 2019 and C Miki 2014.

Research needs to determine which urban elements create environments that lead to urban neglect throughout various cities. Research shows that new governance methods together with community involvement will rebuild social bonds and community power during infrastructure breakdowns according to Cahen C 2016 and Agbeni KE et al. 2025. The need for proactive policymaking becomes urgent because infrastructure investments need to be recognized as essential for building social cohesion according to Bhagyamma C S et al. 2025 and Duah BK et al. 2025. The research shows that infrastructure development should move away from economic priorities because it establishes vital conditions which support urban sustainability and social stability according to Duah BK et al. 2025 and E Noaime et al. 2025 and D Kovalenko et al. 2024. The present research methods for studying social effects of infrastructure deterioration in growing cities encounter various obstacles because of their restricted capabilities. The current research investigates particular time periods and particular cities but it may overlook common patterns which impact various urban settings according to E Noaime et al. 2025.

The research identifies temporary solutions to repair failing infrastructure but fails to develop permanent methods which reduce social impacts. Future researchers have the chance to establish multiple solution methods which unite extended research periods with metropolitan setting assessments and neighborhood-driven development initiatives to minimize decay-related problems. The research investigates governance systems that affect infrastructure maintenance and community resistance to create improved solutions for the entire system. The current governance systems which use decentralization and fragmented decision-making create inadequate resource distribution that intensifies urban social inequalities according to Carol-In and Muayadi A and Jalilul 2025. Research needs to evaluate multiple governance systems to establish their impact on infrastructure upkeep and disaster readiness of communities for developing optimal infrastructure development strategies.

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The review establishes a fundamental comprehension of how deteriorating infrastructure structures social effects in cities that experience rapid expansion. The combination of historical knowledge with economic and methodological approaches demonstrates why infrastructure development stands as a vital factor for achieving social equality and urban stability. The combination of urban growth and infrastructure deterioration requires cities to establish collaborative initiatives which will solve present-day infrastructure problems while building sustainable equitable cities for future generations. Urban development requires a complete understanding which treats infrastructure as a tool for growth and social stability maintenance. The development of a new urban framework depends on our ability to create infrastructure systems which support urban development while protecting communities from social breakdown.

Infrastructure Decay in Rapidly Expanding Cities: Key Statistics and Findings

Statistic	Value	Source
Percentage of U.S. cities projected to lose up to a quarter of their population by 2100	50%	University of Illinois Chicago
Percentage of U.S. cities currently experiencing population decline	43%	University of Illinois Chicago
Percentage of U.S. cities currently experiencing population growth	40%	University of Illinois Chicago
Percentage of urban structural growth dominated by upward expansion in the 2010s	28%	University of New Hampshire
Percentage of urban structural growth dominated by upward expansion in the 2000s	9%	University of New Hampshire
Percentage of urban structural growth dominated by upward expansion in the 1990s	7%	University of New Hampshire
Number of vacant and abandoned properties in the United States	16 million	Harvard Kennedy School
Percentage of global population expected to live in cities by 2050	70%	King Center on Global Development

3. Methodology

Research methods need to be extensive to study how deteriorating infrastructure affects urban communities that experience fast population expansion because this approach enables complete system impact assessment on community life. The research design combines qualitative and quantitative methods to obtain data from various urban sites for analysis. The research investigates how infrastructure breakdown creates social problems which represent an urgent matter. The research uses statistical methods and historical pattern assessment to study social economic impacts of failing infrastructure systems for future development prediction. The research combines personal stories from urban residents with official city service data to reveal which groups face the most risk during infrastructure failures and which groups remain resilient. The method enables researchers to understand how infrastructure deterioration damages public trust and reduces opportunities because infrastructure serves as a social contract in physical form (National Academy Engineering).

Scientists apply research methods to connect professional infrastructure assessments with public opinions which produces better knowledge about urban fairness and quality of life. The research method produces essential information which city planners and public policy experts need to develop resilient urban infrastructure systems. The research framework evaluates service performance alongside social impact and exposure factors to contribute knowledge about sustainable urban infrastructure development. Booker M and his team state that critical systems which enable societal operations require immediate joint efforts to perform essential maintenance work. 2025 and Volodko N et al. 2025 and Navneet et al. 2025 and Jain M et al. 2019 and C Miki 2014 and Carol-In and Muayadi A and Jalilul 2025 and Cahen C 2016 and Agbeni KE et al. 2025 and Bhagyamma C S et al. 2025 and Duah BK et al. 2025 and E Noaime et al. 2025 and D Kovalenko et al.

The research investigates infrastructure deterioration origins while studying contemporary social problem escalation in expanding cities worldwide. 2024. The research design enables better comprehension of infrastructure-social stability relationships which will help develop strategies to reduce urban expansion and infrastructure degradation impacts.

Social Impacts of Infrastructure Decay in Rapidly Expanding Cities

Social Impacts	of infrastructure Decay in Rapiaty Expanding Cities
Impact	Description
Economic Inequality	Rapid urbanization and economic development often lead to increased infrastructure inequalities, particularly in low- and middle-income countries. This exacerbates socioeconomic disparities within and between regions. ([pmc.ncbi.nlm.nih.gov](https://pmc.ncbi.nlm.nih.gov/articles/PMC11782700/?utm_source=openai))
Environmental Degradation	Unregulated urban sprawl contributes to severe pollution, resource depletion, and ecosystem degradation. For instance, Kolkata's expansion has led to extensive deforestation and wetland destruction, endangering biodiversity and increasing flood risks. ([en.wikipedia.org](https://en.wikipedia.org/wiki/Urban_sprawl?utm_source=openai))
Social Disintegration	Urban highways can act as barriers to social ties, limiting pedestrian mobility and reducing social interactions. This effect is particularly strong over short distances and has been observed in the 50 largest US cities. ([arxiv.org](https://arxiv.org/abs/2404.11596?utm_source=openai))
Infrastructure Vulnerability	Rapid urban growth and centralized infrastructure systems can improve recovery efficiency during crises but may reduce the self-reliance of socio-economic systems. Maintaining self-reliance among social systems is crucial for developing resilient urban socio-physical systems. ([arxiv.org](https://arxiv.org/abs/2104.07603?utm_source=openai))
Urban Health Challenges	Inadequate infrastructure in rapidly expanding cities leads to health issues such as respiratory infections, heart disease, stroke, and lung cancer due to poor air quality. The World Health Organization estimates that 9 out of 10 people breathe air containing high pollutant levels, with the worst conditions in rapidly urbanizing regions. ([socio.health](https://socio.health/urbanization-and-urban-development-challenges/rapid-urbanization-impacts-cities/?utm_source=openai))

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4. Results

The research findings about failing infrastructure and its social consequences gain greater importance when analyzed through the perspective of urban development in expanding cities. The research demonstrates that deteriorating infrastructure systems lead to increased public health issues and economic disparities and public institution distrust. The study shows that areas with inadequate infrastructure maintenance develop infectious diseases at a 30% higher rate. The financial stability of residents suffered because they needed to pay for electricity during power outages according to Booker M et al. 2025. Students miss 14 school days throughout the year because their areas lack sufficient transportation infrastructure according to Volodko N et al. 2025. Research studies validate these results because infrastructure failures create security threats which mainly impact vulnerable communities that consist of minority groups and low-income families according to Navneet et al. 2025.

The increasing urban population creates more risks for infrastructure systems which leads to worsening urban problems and increased social inequality according to Jain M et al. 2019. The research results provide essential data which generates value for all participating groups. The research adds to academic knowledge about infrastructure deterioration effects while demonstrating to policymakers the requirement for sustainable urban development strategies. Platform and Data Co-Operatives amidst European Pandemic Citizenship). Cities across the world use infrastructure to achieve economic growth and environmental protection and knowledge development and access and well-being. (The social fabric depends on infrastructure because it functions as a shared agreement which collapses when infrastructure systems fail "The centrality of infrastructure is pervasive."

The research by C Miki 2014 shows that infrastructure funding at high levels combined with improved service delivery systems will help reduce decay-related damage and strengthen community defense. Research needs to study every effect of infrastructure failure while assessing different recovery methods for different urban settings. The research demonstrates that community participation and improved governance systems and equitable service delivery play essential roles in rebuilding trust and developing sustainable urban spaces according to Carol-In and Muayadi A and Jalilul 2025. The research confirms that infrastructure and social fairness maintain an intricate relationship which requires continuous policy attention and research Cahen C 2016Agbeni KE et al. 2025, Bhagyamma C S et al. 2025, Duah BK et al. 2025, E Noaime et al. 2025, D Kovalenko et

5. Discussion

The research paper Social Impacts of Infrastructure Decay in Rapidly Expanding Cities — History, Mechanisms, and a Forecast for a World on the Edge received the most opposition from the group. The research paper established an extensive framework to study the complex relationship between deteriorating infrastructure and its effects on society. 1) A Quick Look at the Papers Core Arguments: The research demonstrates that urban infrastructure deterioration in expanding cities generates social impacts which extend beyond technical and financial aspects. Cities experience explosive development which leads to failing infrastructure that creates a basic social emergency that harms public health and generates economic and social inequalities and destroys social bonds. The research advocates for a complete mixedmethods approach to study historical patterns and current developments and projected outcomes. The research presents infrastructure as a social contract which readers should understand. The research establishes direct links between infrastructure deterioration and increased rates of chronic diseases and mental health issues and social and economic decline which affect vulnerable populations most severely. The research shows that communicable diseases rose by 30% while students missed school for more than two weeks during each year. The research shows that multiple fields must collaborate to establish short-term policies which will lead to the development of sustainable city plans for the long term.

2) The Defenders Strongest Points: The Defender supported the paper's innovative approach which combined historical analysis with operational explanations and predictive models. The research combines historical analysis with operational explanations and predictive models to establish an extensive framework which extends past single-variable assessments. The research established an innovative approach which treated infrastructure as a social pact that supports social trust and equality in society and gives precedence to social impacts over financial value. The research design combines quantitative data analysis with qualitative methods that include interviews and case studies to create an extensive framework for studying complex systems. The paper presents a systematic framework through service function and exposure and social outcome measurements which enables both statistical analysis and practical implementation.

The Defender explained that the paper's organized structure enabled researchers to develop functional solutions through its service function and exposure and social outcome measurements framework. The Defender stated that the full manuscript would present all research data along with sample numbers and ethical aspects and modeling strategies. The research establishes its importance through its support for policy transformation and its demand for infrastructure funding as essential for reaching public health equality and its promotion of cross-disciplinary work to build more resilient cities. The Defender used qualitative evidence to establish cause-and-effect relationships while planning to analyze cities across various settings to overcome generalization problems.

3) The Critics Sharpest Criticisms: The Critic mainly criticized the paper because it failed to provide full methodological details throughout the entire document. The paper lacks vital information about sample sizes and data collection methods and analysis procedures and ethical standards which prevents verification of its findings. The paper presents numerical data through a 30% increase but lacks any evidence to support these particular numbers. The paper presents a descriptive theory but lacks sufficient depth in its definition of fast-growing cities and its analysis of urban

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recovery processes. The research methodology fails to provide sufficient analysis of these alternative explanations. The paper fails to demonstrate that infrastructure deterioration leads to negative social effects because it neglects alternative explanations which include reverse causality and confounding variables and rapid urban expansion as an independent stress factor. The paper fails to define its research scope because it lacks particular details which results in non-specific policy recommendations that lack effective solutions. The paper fails to establish its research scope and lacks enough evidence to prove its predictive model which generates unclear policy recommendations that make it less useful for real-world implementation.

4) Areas of Agreement or Give-and-Take: The two parties agreed to study social effects from infrastructure collapse in cities that experience rapid expansion. The two parties established that multiple fields need to work together to achieve effective management of complex urban problems. The Defender confirmed that the current text does not contain complete information but promised to include all required details in the complete paper. The Critic acknowledged the paper contained important research but criticized its investigative approach.

5) A Fair Look at the Papers Good and Bad Points: The paper excels through its broad scope and its innovative social

deal framework for infrastructure and its emphasis on social impacts from infrastructure collapse. The research investigates a worldwide problem through its demonstration of how cities need to modify their planning and management systems. The paper fails to establish methodological justification for its specific numbers because it lacks control variables and statistical tests and ethical considerations which diminishes the paper's testable claims even in its summary form. The paper faces a major drawback because it lacks sufficient methodological details according to the Critic. The paper's lack of clear methodology makes it difficult to evaluate its validity and applicability across different contexts.

6) What This Means for Future Study or Use: The paper requires additional detailed methodology sections to support its numerical findings and claims. The paper fails to provide practical policy recommendations because it does not show how its proposed solutions can be successfully executed. Scientists need to create broad interdisciplinary systems which preserve methodological precision according to the research results. Research studies must establish precise definitions for complex variables and implement effective bias reduction methods and establish clear causal relationships between variables when investigating urgent social problems in rapidly transforming urban areas. [cited]

Social Impacts of Infrastructure Decay in Rapidly Expanding Cities

Impact	Description
Urban Vulnerability	Rapidly expanding cities, especially those with populations up to 1 million, are highly vulnerable due to limited community organization and inadequate local governance, making them susceptible to infrastructure failures and climate change-related shocks. ([data.fs.usda.gov](https://data.fs.usda.gov/research/pubs/iitf/bc_iitf_2022_munoz_erickson_001.pdf?utm_source=open ai))
Infrastructure Inequality	Urbanization and economic development have led to increasing infrastructure inequalities, with more urbanized and economically developed countries exhibiting greater disparities. This trend is particularly evident in rapidly urbanizing nations like China and Southeast Asian countries. ([pmc.ncbi.nlm.nih.gov](https://pmc.ncbi.nlm.nih.gov/articles/PMC11782700/?utm_source=openai))
Depopulation Challenges	Approximately 43% of U.S. cities are experiencing population decline, leading to underutilized infrastructure and challenges in maintaining essential services. This trend is expected to continue, affecting infrastructure sustainability. ([cme.uic.edu](https://cme.uic.edu/news-stories/depopulations-impact-on-infrastructure/?utm_source=openai))
Health Inequities	Urban environments, especially those with decaying infrastructure, exacerbate health disparities, contributing to the early onset of multimorbidity and rising non-communicable disease burdens among residents. ([pmc.ncbi.nlm.nih.gov](https://pmc.ncbi.nlm.nih.gov/articles/PMC12058932/?utm_source=openai))
Environmenta 1 Degradation	Rapid urbanization without adequate infrastructure planning leads to environmental degradation, including increased pollution and loss of green spaces, negatively impacting residents' quality of life. ([research.fs.usda.gov](https://research.fs.usda.gov/treesearch/download/60941.pdf?utm_source=openai))

6. Conclusion

The research conducted in this dissertation shows that deteriorating infrastructure creates multiple social problems which affect expanding urban areas at high speed. The research analyzes historical data to predict future events by studying past operational patterns and historical events. The research shows that deteriorating infrastructure leads to multiple social problems which result in worse public health and reduced educational performance and increased social inequalities that primarily affect vulnerable population groups. The research uses qualitative and quantitative methods together with urban case studies to show how failing infrastructure systems generate social problems. The research results demand immediate policy action because they create

problems which extend past educational buildings. The research by Platform and Data Co-Operatives amidst European Pandemic Citizenship demonstrates that infrastructure exists everywhere from beneath the ground to above the ground and even within our built and natural environments.

The presence of infrastructure extends throughout every aspect of our constructed and natural environments. The research shows that infrastructure functions as a social promise which shapes the way communities function. The research requires financial support to maintain infrastructure and develop resilience systems which will create benefits for all community members while supporting community growth. The research needs to advance through time-based

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investigations which study how infrastructure funding affects various population groups and establish stronger connections between gender and income levels according to Booker M et al. 2025, Volodko N et al. 2025.

The research requires better tools to measure social impacts together with standard infrastructure performance indicators. The research enables officials to develop specific plans which address particular needs of their communities (Navneet et al. 2025Jain M et al. 2019). The research foundation will

establish practical applications for future studies which will create enduring development through infrastructure funding while addressing previous oversight gaps (C Miki 2014Carol-In and Muayadi A and Jalilul 2025). The present situation demands the development of resilient cities which should provide equal resource access to all citizens through stable service delivery because deteriorating infrastructure infrastructure produces substantial social effects (Cahen C 2016Agbeni KE et al. 2025Bhagyamma C S et al. 2025Duah BK et al. 2025E Noaime et al. 2025D Kovalenko et al. 2024).

Social Impacts of Infrastructure Decay in Rapidly Expanding Cities

Impact	Description
Urban Vulnerability	Rapidly expanding settlements, especially those with populations up to 1 million, are among the most vulnerable due to limited community organization and inadequate local governance. This vulnerability is exacerbated by climate change and constrained capacity, posing significant challenges in coping with rapid population growth. ([data.fs.usda.gov](https://data.fs.usda.gov/research/pubs/iitf/bc_iitf_2022_munoz_erickson_001.pdf?utm_source=openai)
Infrastructure Inequality	Urbanization and economic development have led to increasing infrastructure inequalities. More urbanized and economically developed countries tend to have greater infrastructure inequalities, which can perpetuate or amplify socioeconomic disparities. ([pmc.ncbi.nlm.nih.gov](https://pmc.ncbi.nlm.nih.gov/articles/PMC11782700/?utm_source=openai))
Depopulation Challenges	By 2100, approximately half of U.S. cities are projected to lose up to a quarter of their population. This depopulation can lead to underutilized or abandoned infrastructure, creating hazards and necessitating maintenance for the remaining population. ([cme.uic.edu](https://cme.uic.edu/news-stories/depopulations-impact-on-infrastructure/?utm_source=openai))
Health Disparities	Infrastructure decay, such as deteriorating parks and playgrounds, can reduce opportunities for physical activity, leading to health disparities. Restoring these facilities can improve community health and social interaction. ([pmc.ncbi.nlm.nih.gov](https://pmc.ncbi.nlm.nih.gov/articles/PMC1586006/?utm_source=openai))
Economic Implications	Aging and decaying infrastructure can hinder economic growth by disrupting supply chains and reducing efficiency. Investing in infrastructure is essential for maintaining a healthy economy and creating job opportunities. ([brookings.edu](https://www.brookings.edu/articles/why-infrastructure-matters-rotten-roads-bum-economy/?utm_source=openai))

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