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Governor Murphy Signs Historic Environmental Justice Legislation

09/18/2020

Nation's Strongest Measure to Protect Overbordened Communities from Pollutants

Fulfilling a commitment to eract sweeping protections for environmental justice communities, Governor Phil Murphy today, alongside U.S. Senator Cory Booker, Mayor Ras Bacaka, Senator Troy Singleton, Assemblyman John Moleon, and environmental advocates, signed legislation (S232), which requires the New Jersey Department of Environmental Protection to evaluate the environmental and public health impacts of certain facilities on overburdened communities when reviewing certain permit applications. New Jersey is the first state in the nation to require mandatory permit denials if an environmental justice analysis determines a new facility will have a disproportionately negative impact on overburdened communities.

The bill defines an overburdened community as any community where 35 percent of the households qualify as low-income according to the U.S. Census, 40 percent of households are minority, or 40 percent of households have limited English proficiency. There are approximately 310 municipalities with populations totaling approximately 4,489,000 that have overburdened communities within their municipalities.

Defining "Overburdened Community"

- Low-Income: At least 35% of households qualify as lowincome households; or
- Minority: at least 40% of the residents identify as minority or as members of a state recognized tribal community; or
- Limited English proficiency: at least 40% of the households have limited English proficiency



Environmental and Public Health Stressors

Environmental stressors to include, but not be limited to:

Concentrated areas of air pollution;

Mobile sources of air pollution;

Contaminated sites;

Transfer stations or other solid waste facilities;

Recycling facilities;

Scrap yards

Point-sources of water pollution including, but not limited to, water pollution from facilities or combined sewer overflows

- Public health stressors are "conditions that may cause potential public health impacts in the overburdened community
- Public health impacts include, but are not limited to:
 - Asthma
 - Cancer
 - Elevated blood lead levels
 - Cardiovascular disease
 - Developmental problems







Market Economics

Economic reasons:

- A. Market forces in site selection
- B. Market-driven changes after siting

Political Power/Laws

- A. Lack of Political Power is the problem
- B. Environmental Law is the problem

Sociohistorical

- No victims and no perpetrators-> can be both
- Historical events with long-term impacts

Land Use

- 1. Restrictive social covenants
- 2. Exclusionary zoning
- 3. Expulsive zoning

Neighborhood restrictive covenants

Greenlake neighborhood:

"No person or persons of Asiatic, African, or Negro blood, lineage or extraction shall be permitted to occupy a portion of said property or any building thereon except a domestic servant or servants who may actually and in good faith be employed by white occupants of such premises"

Laurelhurst neighborhood:

"No person other than one of the White Race shall ever be permitted to occupy any portion of any lot in said plot or any building at any time thereon, except a domestic servant actually employed by a white occupant of such building"

Broadmoor neighborhood:

"No part of said property hereby conveyed shall ever be used or occupied by any Hebrew or by any person of the Ethiopian, Malay, or Asiatic race ... excepting only employees in domestic service..."

Queen Ann neighborhood

"No person or persons of Asiatic, African or Negro blood, lineage, or extraction shall be permitted to occupy a portion of said property"

Ballard/Sunset Hills neighborhood

"No part of said property hereby conveyed shall ever be used or occupied by any Hebrew or by any person of the Ethiopian, Malay or any Asiatic Race."

See: complete database of <u>414 racial restrictive covenants</u>



Read Legal Aid's Lawsuit To Stop East Harlem Rezoning



Environmental Racism

Two types of racism:

- 1. Intentional /Overt
- 2. Structural/Institutional





Number of loan applications by race and ethnicity and percent denied 2015-2016

County	White applications	White denied	Black apps	Black denied	Hispanic apps	Hisp denied	Asian apps	Asian denied
Atlantic	1966	10.4	76	15.8	155	17.4	167	11.4
Bergen	10,044	8.6	465	15.7	1,580	11.8	3,785	10.6
Burlington	5,124	7.1	391	14.1	232	14.2	655	8.7
Camden	4,055	6.1	330	19.7	325	16.3	525	10.9
Cape May	1353	75	2	50.0	24	20.8	14	28.6
Cumberland	420	11.0	34	23.5	83	16.9	10	0.0
Essex	5,335	72	922	22.0	866	13.5	1340	93
Gloucester	3,160	6.1	130	23.1	103	13.6	145	9.7
Hudson	4,646	9.0	307	18.2	969	16.1	2,865	11.0
Hunterdon	2,555	8.2	35	B.6	115	13.0	189	6.9
Mercer	3,149	72	230	21.3	374	13.1	1,530	11.3
Middlesex	5,289	8.5	493	18.3	1,088	14.4	6,170	10.4
Monmouth	11,131	8.3	225	26.2	517	10.8	896.	10.2
Morris	8,443	7.1	161	15.5	620	11.3	1,522	9.6
Ocean	9,436	8.1	120	21.7	343	14.3	148	10.8
Passaic	3,559	9.2	126	15.9	764	14.1	490	13.5
Salem	406	6.4	12	35.3	16	18.8	5	60.0
Somerset	4,346	7.8	296	12.2	463	12.7	2,508	8.0



SO WHY DO WE NEED TO FIND LONG-TERM SOLUTIONS?

Neighborhood Feature	Hazard	Health Effect
Biological /Chemical environment Air Water Soil	 Air & water pollution Noise Waste Lead paint Other environmental hazards 	 Respiratory diseases Hearing loss Sleep deprivation Developmental delays Impaired cognition
 Built environment Housing Transportation Commercial establishments Billboards Parks Libraries 	 Housing-related environmental toxins Allergens Inadequate access to healthy food Increased exposure to fast food, alcohol and tobacco products Exposure to tobacco smoke Lack of recreation 	 Asthma Obesity Alcohol and tobacco addiction (leading to liver, lung and cardiovascular disease) Hypertension (due to obesity and lack of exercise) Compromised immune system
 Social environment Levels of neighborhood stress and support Enforcement of common rules for public behavior Behavioral norms 	 Violence Crime Social isolation Low levels of interpersonal trust Public disorder 	 Anxiety Fear Hyper-vigilance Depression Stress related behavior (over-eating, smoking, addiction)

#CloseHealthGaps





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Geographic areas with no data available are filled in gray

Life Expectancy at birth (Quintiles)

2774-785

29.6.-21.6

\$17-\$7.5

III 569-751

1 162-175

Straight line distance: 10.24 miles , 16.49 kilometers (km) , 54041 feet , 16487 meters Driving distance: 13.40 miles , 21.55 kilometers (km) , 70728 feet , 21558 roeters



Rank	Country		years	Date of Information
1	Monaco		89.40	
2	Singapo	ore	86.19	
	182	Ethlopia		67.90
	183	Madagascar		67.86
	187	Burundi		67.07

VULNERABILITY

Definition: the potential for loss or other adverse impacts; or the capacity to suffer harm

> Vulnerability: The conditions determined by physical, social, economic, and environmental factors or processes which increase the susceptibility of an individual, a community, assets or systems to the impacts of hazards (UNISDR).



Mount Vesuvius and Pompeii

Types:

- 1. Individual
- 2. Social
- 3. Environmental





2005 Hurricane Katrina



Ceasus Tract 10, Horcer County, New Jersey

2016 Overall SVI Score: 0.9935

Possible scores range from 0 (lowest vulnerability) to 1 (highest vulnerability).

A score of 0.9935 indicates a high level of vulnerability.

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Census Tract 48, Hercer County, New Jersey

2016 Overall SVI Score: 0.2511

Possible scores range from 0 (lowest vulnerability) to 1 (highest vulnerability).

A score of 0.2511 indicates a low to moderate level of vulnerability.

Q. Zoom to

Retivate Windows

SO WHAT CAN WE DO?

EDUCATION AND AWARENESS

Databases

- https://www.naphsis.org/usaleep
- https://www.cityhealthdashboard.com
- https://www.usa.gov/statistics
- https://www.data.gov/
- https://www.nlm.nih.gov/enviro/index.html
- http://geodata.grid.unep.ch/
- https://wonder.cdc.gov/
- https://wonder.cdc.gov/WelcomeT.html
- https://ephtracking.cdc.gov/DataExplorer/#/
- https://www.healthsystemtracker.org/dashboard/
- https://www.countyhealthrankings.org/
- https://www.google.com/publicdata/directory
- https://www.epa.gov/environmental-topics/location-specific-environmentalinformation
- https://www.cdc.gov/publichealthgateway/cha/data.html
- https://www.cdc.gov/nceh/tracking/topics/EnvironmentalJustice.htm

NJ Databases

- https://www.countyhealthrankings.org/explore-healthrankings/use-data/go-beyond-the-snapshot/find-moredata/new-jersey-state-resources
- https://www.rwjf.org/en/library/collections/better-data-forbetter-health.html
- DataMiner Enforcement Blotter (DEP Compliance and Enforcement)
- DataMiner Community Right to Know Reports
- <u>https://www.nj.gov/health/ceohs/public-health-tracking/</u>
- <u>https://www-doh.state.nj.us/doh-</u> <u>shad/community/snapshot/Builder.html</u>

#CloseHealthGaps





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HELP TO GATHER NE INFORMATION
Crowdsourced Data

https://smellmycity.org/



Citizen Science in the Ironbound



Residents of Newark's tronboard community increased as EPA Community Action for Renewed Environment (CARC) grant in 2009 to address concerns about air quality. Local sources of air pollution include. NE's largest incinerator and 34 other waste instants facilities, the Ports of Newark and Elsabeth (insponsible for approximately 2,000 truck trips daily), and the heavity trafficked highways and rail lines that surround the community. As a result of these and other sources, 25 percent of Newark children suffer from asthma, three times the state average, and asthma is the lead ing cause of alsometerism for Newark's school age children. The community identified actions to target its poor air quality, which included increasing air monitoring capabilities, educating the community about air quality issues, advocating for the <u>Video:</u> <u>https://www.youtube.com/watch?</u> <u>v=Uevr3vjWDt8&feature=emb_lo</u> <u>go</u>

Citizen Science toolbox: https://www.epa.gov/air-sensortoolbox

The data they collected: https://catalog.data.gov/dataset/c itizen-science-in-the-ironboundcommunity

Community Asset Mapping

https://www.communityscience.com/knowledge4equity/A ssetMappingToolkit.pdf

https://www.citylab.com/life/2020/04/neighborhood-mapscoronavirus-lockdown-stay-at-home-art/610018/





Data are associated with 7 ecosystem service benefit categories

USE THE LAWS





https://www.epa.gov/sites/production/files/2015-04/documents/citizen-guide-ej.pdf



HELP TO CREATE NEW LAWS OR CHANGE OLD ONES

Legislative Process and Your Contacts to Congress

Legislation is Introduced	All bills are then referred to Committee	Committee votes on bills	Bills that were approved by Committee are debated on the chamber floor	Chamber votes on bills
Ask your member of Congress to introduce a bill Ask your member of Congress to co- sponsor a bill	Ask your member of Congress to offer amendments to a bill	Ask your member of Congress to vote a certain way on a bill in Committee	Ask your member of Congress to make a public statement about a bill in a speech Ask your member to offer amendments to a bill	Ask your member of Congress to vote a certain way on a bill in the chamber vote

Policy Change

- Strategy 1: Bans
- Strategy 2: Environmental Justice Policies and Programs
- Strategy 3: Require Review Processes
- Strategy 4: Proactive Planning
- Strategy 5: Targeting Existing Land Uses
- Strategy 6: Public Health Codes

Optional: For links to the policies see here: https://www.nrdc.org/sites/default/files/local-policiesenvironmental-justice-national-scan-tishman-201902.pdf

JOIN A GROUP

Joining Boards!

- You can serve on local-level boards or commissions that make decisions on area issues
 - Boards at the local-level need citizen involvement to work effectively

• Find out what is available

- Visit your local government website, which lists all boards and commissions and their existing vacancies
- Attend a meeting of the board you are interested in joining

Apply

Citizen Leadership Form from local government website

Tips to make it onto the board

- Reach out to people currently on the board
- Regularly attend meetings
- Introduce yourself to the official in charge of appointing board members

Boards

What it means to be a group member

- Groups
- Attend town halls or other events with elected officials
- Visit elected officials' offices
 - Organize events
 - Letter writing campaigns to elected officials
 - Publicize group's position
 - Attend other groups' events, build a coalition of support
 - Research policy developments related to the group's goal
 - Share information about your issue
- Stay informed about the group's plans
- Join coordinated activities that the group is planning







CHANGE THE WAY YOU THINK

Multi-solving and Systems Thinking

Learn to think about relationships

What is Multi-solving video: <u>https://www.climateinteractive.org/videos/multisolving-videos/</u>



ENCOURAGE SUSTAINABILITY

COMMUNITY SUSTAINABILITY

Community sustainability

- A. Community Capacity
- **B.** Community Cohesion
- c. Community Resilience

Links

- Proven strategies;
 - <u>https://www.countyhealthrankings.org/take-action-to-improve-health/what-works-for-health/strategies?f%5B0%5D=health-factor%3AAir%20and%20Water%20Quality</u>