FORMAT			
1. Name of resource	**Public libraries: A community-level resource to advance population health**		
2. Location	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6329675/		
3. Alternative location			
4. Author[s]	M.M. Philbin, C.M. Parker, J.S. Hirsch and M.G. Flaherty		
5. Publisher/producer/host	Journal of Community Health		
6. Year	2019		
7. Suggested citation	Philbin, M.M. and others (2019). Public libraries: A community-level resource to advance population health. Journal of Community Health 44(1): 192-9, available at https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6329675/pdf/nihms971693.pdf		
8. Languages in which available	English		
9. Geographic area resource relates to	USA with wider relevance		
10. Does the resource relate to a specific time frame?			
11. Type	Report		Yes
	Toolkit/Framework/Roadmap		Yes
	Sign-post to other resource (database)		
	Case studies		Yes
	Other		
12. If this is part of an initiative, what is the initiative?			
COLLECTIONS AND COLLECTIONS-BASED INSTITUTIONS			
13. Explicit links to collections	Yes		
14. Explicit links to museums/libraries/archives	Yes		
15. Types of institutions the resource covers	Museums	X	
	Archives	X	
	Libraries	X	
	Other	X	
	Arts, humanities and social sciences: philosophy, psychology,	X	

16. Does the resource relate to specific disciplines?	religion, social sciences, law, politics, language, arts and recreation, architecture, literature, history, geography and ethnology, anthropology, archaeology	
	Science, natural history, technology, medicine, engineering, manufacturing	X
17. If no explicit links to collections, justification for inclusion		

HOW IT CONTRIBUTES TO SUSTAINABLE DEVELOPMENT

18. Collections-related activities the resource relates to (mark all that apply)

Develop collections to protect and safeguard wider cultural and natural heritage more effectively, for example by targeting collecting to threatened forms of heritage in strategic ways	
Use collections to promote learning and educational opportunities that contribute to sustainable development more effectively, for example education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development and/or skills development relating to collections	X
Use collections to promote cultural participation/social inclusion more effectively, for example by reducing barriers to participation, to ensure no-one is 'left behind'	X
Use collections to promote sustainable tourism more effectively, for example by developing new products based on local cultural heritage, and/or considering the rights of stakeholder groups in relation to collections	
Use collections to support research that contributes to sustainable development (including all forms of personal and self-directed research at all levels that make use of stored collections) more effectively, for example by providing effective facilities, collections and information to meet researchers' needs	
Make decisions around collections that contribute to sustainable development more effectively	
i. employment (recruiting, staff training, staff safety)	
ii. energy consumption, greenhouse gas emissions, reduction, monitoring and reporting	
iii. waste management and reduction of waste	
iv. transport (forms of transport, energy use)	
v. commercial activities including copyright and IP	

vi.	governance and management	X
vii.	security, disaster preparedness and risk reduction	

Direct external leadership, partnerships and collaborations towards sustainable development more effectively, for example by developing impactful partnerships	
19. Does the resource relate clearly to any international conventions (mark all that apply)?	
Culture conventions:	
1952, 71 Protection of Copyright and Neighbouring Rights	
1954 Protection of Cultural Property in the Event of Armed Conflict	
1970 Fighting Against the Illicit Trafficking of Cultural Property	
1972 Protection of the World Cultural and Natural Heritage	
2001 Protection of the Underwater Cultural Heritage	
2003 Safeguarding of the Intangible Cultural Heritage	
2005 Protection and Promotion of the Diversity of Cultural Expressions	
Rio Conventions:	
Convention on Biological Diversity (CBD), Convention to Combat Desertification (UNCCD), Framework Convention on Climate Change (UNFCCC)	

AIMS AND CONTENT

20. What issues does the resource aim to address?	"Public libraries in the United States are civic institutions that perform critical functions extending far 'beyond books'. However, policy makers and public health practitioners rarely consider libraries to be community-level resources that can advance population health or address health disparities, despite several characteristics that could render them highly effective at doing so. With an estimated 17,000 public libraries nationwide and four million visits each day, libraries have extensive population reach. Furthermore, unlike other service-providing institutions (e.g., medical institutions and certain social welfare institutions), libraries are widely trusted by the public. These factors make them an opportune space for the coordination and delivery of health-promoting services.

This scoping study examined public libraries' potential as a community-level resource for reducing place-based health disparities. The U.S. has some of the largest health disparities in the world: life expectancy varies by up to 20 years between some counties. Within York City, for example, life expectancy in Brownsville, Brooklyn is 74 compared to 85 in the Upper East Side, a difference equivalent to living in the U.S. versus Brazil. Public libraries are well positioned to address these stark disparities. Libraries are paradigmatic of a community- |

	level resource. **Over 95% of Americans live within a public library service area 2 and diverse sectors of the population already use public libraries: in the last year, half of Americans with annual incomes under $30,000 visited a library, as did half of African Americans and nearly two-thirds of Americans with college degrees.** **Yet unlike parks, transportation, or environmental health, libraries are rarely included in explicit plans to reduce neighborhood level health disparities.**	
21. Intended audience of resource	Libraries, healthcare professionals	
22. Process of development	Authored article based on a research project	
23. Organisation/structure /contents	**Introduction** **Theoretical framework** **Methods** **Results:** Healthcare access Addiction Stress Food Early life Social gradient Social exclusion Work and unemployment Disaster relief Social support **Discusson**	
FRAMEWORKS		
24. Framework structure	The social determinants of health are adapted to be applied to libraries, and can be be considered as a framework.	
25. Relevant policy considerations	Yes	
26. Resources for implementation identified	Yes	
27. Specific assessment points/indicators/miles tones/action plan for monitoring	Yes	
28. ASPECTS OF SUSTAINABILITY COVERED BY RESOURCE (mark all that apply)		
People (social sustainability)	X	
Planet (environmental sustainability)		

Prosperity (economic sustainability)	X
Peace	X
Partnerships	X
29. CROSS-CUTTING CONSIDERATIONS COVERED BY RESOURCE (mark all that apply)	
Gender perspectives	
North and South perspectives	

HOW THE RESOURCE CONTRIBUTES TO AGENDA 2030 AND THE SDGs	
HOW AGENDA 2030 AND THE SDGs FEATURE IN THE RESOURCE	
30. SDGs and Agenda 2030 specifically mentioned?	No
31. SDGs specifically mentioned?	No
32. SDG targets specifically mentioned?	No
33. SDG indicators specifically mentioned?	No
SDGs AND SDG TARGETS AND LINKAGES	
34. Comments on SDG linkages	The resource is most closely related to SDGs around health and social inclusion, including 1.4 (access to basic services), many targets in SDG 3, particular targets relating to education including 4.2 (early childhood development), 4.4 (skills for work), 4.5 (inclusive education) and 4.6 (literacy and numeracy), 9.1 (sustainable infrastructure), 10.2 (universal inclusion), 10.3 (reduce social inequalities) and 10.4 (social protection policies), 11.5 (reduce the impact of disasters), 11.7 (access to safe and welcoming green and public spaces), 11.B (integrated policies for inclusion and Disaster Risk Reduction), 16.10 (protect the right to information) and 17.17 (cross-sector partnerships)
35. SDGs and SDG targets the resource helps advance	
SDG 1: End poverty in all its forms everywhere 1.4 By 2030, ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance	Numbers and proportions of people from particular groups using collections in comparison with demographics in broader society. Numbers of people accessing collections. Number of targeted programmes that aim to enhance access to collections by disadvantaged groups. Sustainable tourism that enhances local communities' access to basic services, ownership and control over land and other forms of property (including cultural and natural heritage), as well as to technology and markets.

	Involvement of people from disadvantaged groups in decision-making activities and processes relating to collections and collections-based institutions.
SDG 3: Ensure healthy lives and promote well-being for all at all ages 3.1 By 2030, reduce the global maternal mortality ratio to less than 70 per 100,000 live births	Collections development that can support education, awareness and participatory programmes that aim to reduce maternal illness and mortality. Education, awareness-raising and participatory programmes drawing on collections that raise awareness of causes of maternal illness and mortality, and that foster knowledge, motivation and skills to act to support maternal health, locally and globally.
SDG 3: Ensure healthy lives and promote well-being for all at all ages 3.2 By 2030, end preventable deaths of newborns and children under 5 years of age, with all countries aiming to reduce neonatal mortality to at least as low as 12 per 1,000 live births and under-5 mortality to at least as low as 25 per 1,000 live births	Collections development that can support education, awareness and participatory programmes that aim to reduce preventable deaths of newborns and young children, in all countries. Education, awareness-raising and participatory programmes drawing on collections that raise awareness of causes of death of newborns and young children, and that foster knowledge, motivation and skills to act to support child health, locally and globally.
SDG 3: Ensure healthy lives and promote well-being for all at all ages 3.3 By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases	Collection development that can contribute to programmes addressing AIDS, tuberculosis, malaria and/or neglected tropical diseases, combat hepatitis, water-borne diseases and other communicable diseases. Number of educational programmes addressing these subjects. Number of targeted educational and participatory programmes for marginalized and at-risk groups relating to communicable diseases. Number of research activities that help understand the causes and manage impacts of tuberculosis, malaria and other communicable diseases. Partnerships in place to help ensure effective governance of communicable diseases, public health information and education relating to communicable diseases.

	Steady flow of reliable information relating to communicable diseases.
SDG 3: Ensure healthy lives and promote well-being for all at all ages 3.4 By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being	Plans, policies and procedures in place for the safe use of collections, notably in relation to chemical, physical, biological and other forms of hazard. Proportion of users of collections facilities reporting positive well-being during and as a result of activities relating to collections. Number and proportion of programmes relating to collections that incorporate wellbeing considerations and perspectives. Number of targeted programmes drawing on collections that address issues relating to non-communicable diseases, supporting prevention and treatment.
SDG 3: Ensure healthy lives and promote well-being for all at all ages 3.5 Strengthen the prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of alcohol	Number and proportion of educational programmes relating to collections that address narcotic drug use and harmful alcohol use. Number of targeted programmes drawing on collections that address issues relating to narcotic drug use and harmful alcohol use, supporting prevention and treatment. Effective relationships and partnerships in place with agencies involved in supporting prevention and treatment of substance abuse. Steady flow of reliable information relating to prevention and treatment of substance abuse.
SDG 3: Ensure healthy lives and promote well-being for all at all ages 3.6 By 2020, halve the number of global deaths and injuries from road traffic accidents	Number and proportion of educational programmes relating to collections that address road safety. Number of targeted programmes drawing on collections that address issues relating to road safety. Effective relationships and partnerships in place with related agencies to promote road safety. Effective policies and procedures in place to mimimise risk of death or injury from transport relating to collections-

	based institutions, including for all workers, visitors and others involved in the supply chain.
SDG 3: Ensure healthy lives and promote well-being for all at all ages 3.7 By 2030, ensure universal access to sexual and reproductive health-care services, including for family planning, information and education, and the integration of reproductive health into national strategies and programmes	Number and proportion of educational programmes relating to collections that address sexual and reproductive health, and family planning. Number of targeted programmes drawing on collections that address issues relating to sexual and reproductive health, and family planning. Effective relationships and partnerships in place with related agencies to ensure steady flow of information on relevant strategies and programmes.
SDG 3: Ensure healthy lives and promote well-being for all at all ages 3.8 Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all	Number of programmes drawing on collections (educational, awareness-raising, research, partnerships) that promote access to healthcare. Number of educational programmes that are targeted towards people without access to healthcare. Proactive steps taken to ensure that all people, including those in vulnerable situations, can access healthcare services, overcoming cultural and language barriers. Collections development to support such programmes. Promotion of health coverage programmes, locally and worldwide.
SDG 3: Ensure healthy lives and promote well-being for all at all ages 3.9 By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination	Plans, policies and procedures in place to prevent harmful exposure to hazardous chemicals associated with collections, or collections-related activities. Plans, policies and procedures in place to ensure hazardous chemicals and other forms of pollutant are properly managed and disposed of, to prevent release into the natural environment.
SDG 3: Ensure healthy lives and promote well-being for all at all ages 3.A Strengthen the implementation of the WHO Framework Convention on Tobacco Control in all countries, as appropriate	Collections development related to tobacco use and its harmful impacts on the body, as appropriate. Number of educational and awareness programmes relating to the health impacts of tobacco and smoking, drawing on collections.

	Number of educational and awareness programmes relating to the health impacts of tobacco and smoking, that target marginalized and vulnerable groups most exposed to health risks.
SDG 3: Ensure healthy lives and promote well-being for all at all ages 3.D Strengthen the capacity of all countries, in particular developing countries, for early warning, risk reduction and management of national and global health risks.	Number of collecting initiatives that aim to build capacity for risk reduction to national and global health risks, for example by storing and preserving collections that may be of use in post-disaster scenarios, or that can be used in early warning and risk communication activities. Number of educational programmes incorporating perspectives on early warning, risk reduction and management of national and global health risks. Number of awareness raising programmes that target marginalized and vulnerable groups most exposed to health risks. Plans in place for early warning, risk reduction and management to national and global health risks. Relationships and partnerships in place for risk reduction and management in light of national and global health risks.
SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all 4.2 By 2030, ensure that all girls and boys have access to quality early childhood development, care and pre-primary education so that they are ready for primary education	Number of programmes drawing on collections that support early childhood development. Number of programmes drawing on collections that aim to prepare children for primary education.
SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all 4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for	Number of young people and adults in skills-development activities and programmes drawing on collections, for employment, decent jobs and entrepreneurship Increase in number of young people and adults in such programmes

employment, decent jobs and entrepreneurship	Number and proportion of staff who have received training in the last year, to better support their contribution to the SDGs. Programs and processes in place to ensure the availability of a skilled workforce.
SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all 4.5 By 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations	Number of educational and/or training programmes drawing on collections directed to eliminate gender disparities in education. Number of educational and/or training programmes drawing on collections directed to meet the particular needs of persons with disabilities. Number of educational and/or training programmes drawing on collections directed to meet the particular needs of Indigenous peoples' groups. Number of educational and/or training programmes drawing on collections directed to meet the particular needs of children in vulnerable situations.
SDG 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all 4.6 By 2030, ensure that all youth and a substantial proportion of adults, both men and women, achieve literacy and numeracy	Number of programmes drawing on collections to support literacy and numeracy among youth. Number of programmes drawing on collections to support literacy and numeracy among adults. Number of programmes drawing on collections to support literacy and numeracy among marginalized groups.
SDG 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation 9.1 Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all	Development of research-useful collections to support reliable, sustainable and resilient use by researchers and others. Number and proportion of collections facilities and stores that support economic development and human well-being. Number and proportion of collections facilities and stores that provide affordable and equitable access for all. Investment in collections facilities.

	Inclusion of collections information in regional and transborder initiatives, notably via digital access for discoverability.
SDG 10. Reduce inequality within and between countries 10.2 By 2030, empower and promote the social, economic and political inclusion of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status	Collections development to ensure that collections effectively meet the needs of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status. Number and proportion of educational and participatory programmes that promote participation irrespective of social or other status. Numbers and proportions of people making use of collections in relation to the demographic of the local population. Numbers and proportions of people involved in focused programmes aimed at promoting social, economic and political inclusion. Numbers and proportions of people from different demographic groups involved in decision-making processes relating to collections and collections-based institutions. Number and types of partnerships that build relationships with marginalized groups, individuals and communities.
SDG 10. Reduce inequality within and between countries 10.3 Ensure equal opportunity and reduce inequalities of outcome, including by eliminating discriminatory laws, policies and practices and promoting appropriate legislation, policies and action in this regard	Identification of discriminatory policies and practices, with clear plans to address these, to ensure equal opportunity for all and reduce inequalities of outcome. Collections development to uphold and promote legislation and anti-discriminatory perspectives, with the aim of reducing inequality within and between countries. Education and participatory programmes that promote anti-discriminatory legislation, policies and action, with the aim of reducing inequality within and between countries. Research that supports anti-discriminatory legislation, policies and action, with the aim of reducing inequality within and between countries.

	Participation in partnerships that promote anti-discriminatory legislation, policies and action, with the aim of reducing inequality within and between countries.
SDG 10. Reduce inequality within and between countries 10.4 Adopt policies, especially fiscal, wage and social protection policies, and progressively achieve greater equality	Number and proportion of policies that proactively address equality issues relating to fiscal, wage and social protection considerations.
SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable 11.5 By 2030, significantly reduce the number of deaths and the number of people affected and substantially decrease the direct economic losses relative to global gross domestic product caused by disasters, including water-related disasters, with a focus on protecting the poor and people in vulnerable situations	Collections-based research that supports the understanding and management of disasters of all kinds. Plans in place for public education and awareness drawing on collections and collections-based institutions to reduce exposure and vulnerability to disasters of all kinds. Plans in place to ensure collections-based institutions steadily work to reduce their contributions to disaster risk, for example by reducing pollution and waste of all kinds. Plans in place to ensure collections-based institutions, and people related to them (including workers) are protected from economic losses as a result of disasters. Plans in place to provide special support/protection to poor and vulnerable people and groups in and following disasters.
SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable 11.7 By 2030, provide universal access to safe, inclusive and accessible, green and public spaces, in particular for women and children, older persons and persons with disabilities	Numbers of people accessing collecting institutions from different demographic groups, notably women, children, older people and persons with disabilities. Increases in numbers of people accessing collecting institutions from different demographic groups. Measures taken to remove barriers to access green and public spaces. Extent of green space provided by collections institutions.
SDG 11. Make cities and human settlements inclusive, safe, resilient and sustainable 11.B By 2020, substantially increase the number of cities and human settlements	*11.B.1 Proportion of local governments that adopt and implement local disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015-2030a*

adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, and develop and implement, in line with the Sendai Framework for Disaster Risk Reduction 2015-2030, holistic disaster risk management at all levels	Disaster Risk Reduction strategies and plans in place, in line with the Sendai Framework for Disaster Risk Reduction, to ensure collecting institutions and collections are factored into planning, and contribute effectively to Disaster Risk Reduction.
SDG 16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels. 16.10 Ensure public access to information and protect fundamental freedoms, in accordance with national legislation and international agreements	Adopt and implement constitutional, statutory and/or policy guarantees for public access to information. Plans in place, and plans implemented to enhance public access to information relating to collections. Plans in place, and plans implemented to support fundamental freedoms, in line with human rights, national and international agreements and legislation. Plans and procedures in place for public access to information relating to the operation and management of collections-based institutions. Complaint mechanism in place for public to use where public access to information and fundamental freedoms not supported or fulfilled.
SDG 17. Partnerships for the goals 17.17 Encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships	***17.17.1 Amount of United States dollars committed to public-private and civil society partnerships*** Number and/or increase in number, and diversity of local, national and regional multi-stakeholder (public, public-private and civil society) partnerships that address the SDGs drawing on collections, or that otherwise involve collections-based organisations and institutions.

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	