

Executive Summary 2021/2022





**Executive Summary** 

2021/2022



# Table of Contents

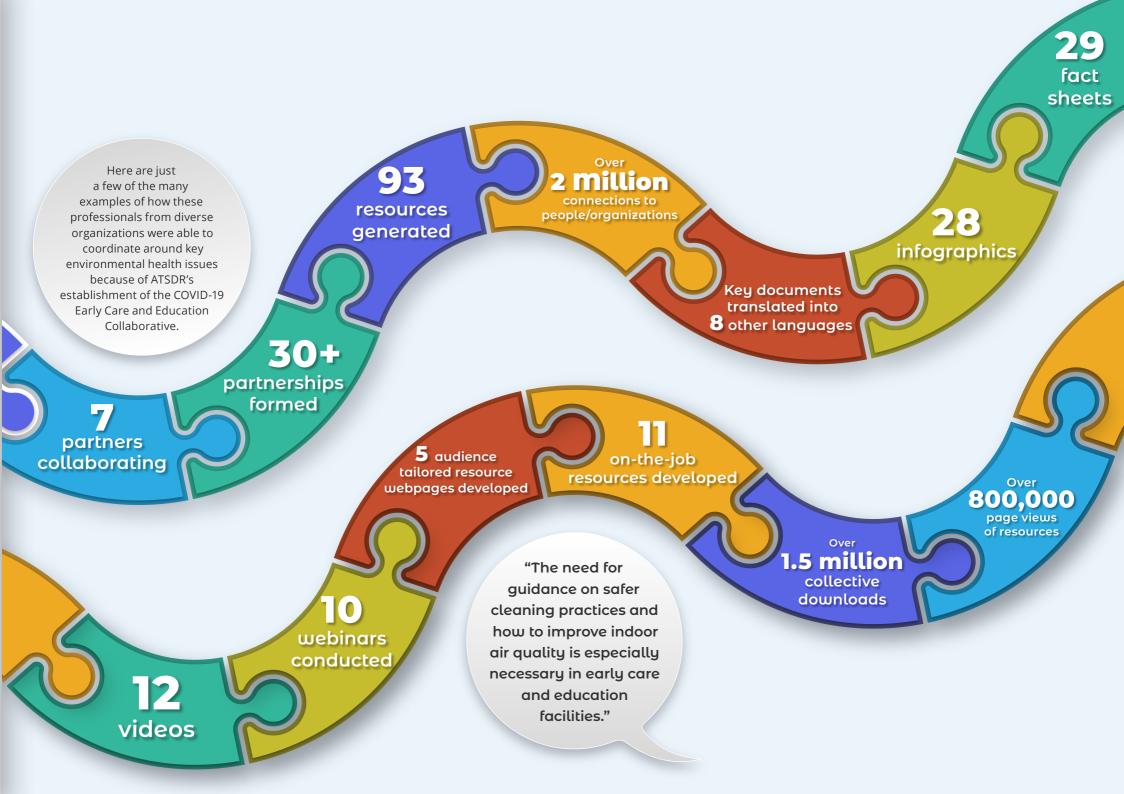
.0.	The Collaborative Snapshot	4
A/ ≣/	The Collaborative History	
	A. Agency for Toxic Substances and Disease Registry	
	B. American Academy of Pediatrics	
	C. Association of State Public Health Nutritionists	
	D. Association of State and Territorial Health Officials	6
	E. Children's Environmental Health Network	
	F. National Association of County and City Health Officials	
	G. National Center for Healthy Housing	
	H. National Environmental Health Association	
100 m	The Collaborative in Action - Embodying the Strategies of Health in All Policies to Foster Collaboration	
	A. The Collaborative in Action: The Nuts and Bolts of Coordination	11
	B. The Collaborative in Action: Key Successes of the Collaborative Model	
воом	The Collaborative Impact	14
	The Collaborative Data Drive	15
<b>****</b>	The Collaborative Summary	16
<b>O</b>	Acknowledgement	18
App	pendix	
, .bb	A. Resources Developed	19
	B. Translated Resources	22

#### THE COLLABORATIVE SNAPSHOT

The practice of environmental health plays an important role in reducing the spread of COVID-19, specifically in the areas of sanitation, disinfection, food safety, and indoor air quality. The need for guidance on safer cleaning practices and how to improve indoor air quality is especially necessary in early care and education (ECE) facilities, where many children spend a majority of their active hours during the day and may be at increased risk for exposure to COVID-19 and other environmental health hazards. To meet this challenge and provide coordination around ECErelated guidance in the early days of the pandemic, the Agency for Toxic Substances and Disease Registry (ATSDR) provided support to establish the COVID-19 Early Care and Education Collaborative in mid-2020. The ECE Collaborative, convened by the National Environmental Health Association (NEHA), served as a forum to bring together key environmental health organizations, each with their own specialization and constituents, to better coordinate activities and messaging during the beginning of the pandemic before vaccinations were available. Convening a broad range of organizations ensured that messaging was both coordinated and tailored to the ECE community including ECE facilities, home-based childcare settings, clinicians and other health care providers, and public health organizations. Collaborative members worked to identify needs and gaps and, in response, developed educational materials, webinars, and trainings on priority topics including safe cleaning, disinfection, food handling, and improving indoor air quality

during the early stages of the COVID-19 response. Collaborative members also created tools for engagement and relationship building between ECE facilities and health departments that can be carried on in a post-pandemic environment. This project serves as an example of how collaborative partnerships, utilizing Health in All Policies principles, can be rapidly established and implemented in real time to holistically address public health challenges and protect children's health.





### THE COLLABORATIVE HISTORY

During the early months of the COVID-19 pandemic, there was a demonstrated need for clear and consistent information for how to work to mitigate the risk of getting COVID-19 among children in the places where they live, learn, and play. Information was especially needed for ECE facilities, where many children spend most of their active hours during the day and may be at increased risk for exposure to COVID-19 and other environmental health hazards. The Collaborative was established for organizations to share best practices and share the needs they were hearing from their membership. In addition, the work was to focus on environmental health issues specifically that arose due to the COVID-19 pandemic that applied to ECEs. To meet this challenge and provide coordination for ECE-related resources and tools, the Agency for Toxic Substances and Disease Registry provided support to establish the COVID-19 Early Care and Education Collaborative.





#### **COVID-19 Early Care and Education Collaborative Organizations**

### Agency for Toxic Substances and Disease Registry (ATSDR)

The Agency for Toxic Substances and Disease Registry (ATSDR), based in Atlanta, Georgia, is a federal public health agency of the U.S. Department of Health and Human Services. ATSDR protects communities from harmful health effects related to exposure to natural and man-made hazardous substances by responding to environmental health emergencies, investigating emerging environmental health threats, conducting research on the health impacts of hazardous waste sites, and building capabilities of and providing actionable guidance to state and local health partners.

### American Academy of Pediatrics and Their Coordination of the Pediatric Environmental Health Specialty Units (PEHSUs)



The American Academy of Pediatrics (AAP) was founded in 1930 to serve as an independent forum to address children's health needs. At that time, the idea that children had unique developmental and health needs was new. Practices that are now standard preventive care were only just beginning to

become recognized instead of the prevailing custom of treating children as "miniature adults." AAP is committed to the optimal physical, mental, and social health and well-being for all infants, children, adolescents, and young adults.

The Pediatric Environmental Health Specialty Unit (PEHSU), coordinated by the AAP through support from ATSDR and the U.S. Environmental Protection Agency, serve as a national network of experts in the prevention, diagnosis, management, and treatment of health issues that arise from environmental exposures from preconception through adolescence. There are 10 regional PEHSUs, each responsible for a different geographical region of the U.S. Each PEHSU is based at an academic health institution with experts in pediatrics, allergy/immunology, neurodevelopment, toxicology, occupational and environmental medicine, nursing, and reproductive health, as well as other specialized areas. The PEHSUs work together to address reproductive and children's environmental health issues that affect families and communities, including safer disinfectant use (especially during the COVID-19 pandemic), wildfire smoke, PFAS, lead, pesticides, mold, and many more.



#### **COVID-19 Early Care and Education Collaborative Organizations**

#### **Association of State Public Health Nutritionists**



Founded in 1952, the Association of State Public Health Nutritionists (ASPHN) is a nonprofit membership organization that provides

state and national leadership on food and nutrition policy, programs, and services aimed at improving the health of our population. ASPHN's membership is composed of more than 700 public health nutritionists located throughout all 50 states, the District of Columbia, and five U.S. territories. ASPHN's vision is to create new environmental norms where healthy eating and active living are the easy and natural choices for all people living in the U.S. The ASPHN mission is to strengthen nutrition policy, programs, and environments for all people through development of public health nutrition leaders and collective action of members nationwide.

### **Association of State and Territorial Health Officials**



The Association of State and Territorial Health Officials (ASTHO) is a national, nonprofit

organization that represents public health agencies in the U.S., its territories, and the District of Columbia, as well as the over 100,000 public health professionals these agencies employ. ASTHO's primary function is to track, evaluate, and advise members on the impact and formation of public or private health policy that may affect them and to provide guidance and technical assistance on improving the nation's health. ASTHO's Environmental Health Program helps state and territorial public health agencies build their capacity to respond to environmental public health challenges. ASTHO provides resources for these agencies on emerging environmental health issues and influences discussions and policy making around environmental health to ensure the inclusion of state and territorial health perspectives in developing policy.

### **Children's Environmental Health Network**



The Children's Environmental Health Network (CEHN) is a

national multidisciplinary organization whose mission is to protect the developing child from environmental health hazards and promote a healthier environment. CEHN has been working at the national level for nearly 30 years on policy, education, and support of pediatric research vital to children's environmental health. CEHN has partnered with local and national professional and advocacy organizations and local, state, and federal government agencies. CEHN has also worked with a wide range of stakeholders including parents, youth, legislators, researchers, physicians, nurses, clergy, and childcare professionals. CEHN's Eco-Healthy Child Care® program has worked nationally for over 10 years to partner with childcare professionals to eliminate or reduce environmental health hazards found in early childhood learning environments.

#### **COVID-19 Early Care and Education Collaborative Organizations**

### National Association of County and City Health Officials



The mission of the National Association of County and City

Health Officials (NACCHO) is to improve the health of communities by strengthening and advocating for local health departments. NACCHO is the only organization dedicated to serving every local health department in the nation. NACCHO serves approximately 3,000 local health departments and is the leader in providing cutting-edge, skill-building, professional resources and programs; seeking health equity; and supporting effective local public health practice and systems.

#### National Center for Healthy Housing

#### National Center for HEALTHY HOUSING

The mission of the National Center for Health

Housing (NCHH) is "Transforming lives by transforming housing." Through partnerships, community-based research, and advocacy, NCHH strives to reduce health disparities by translating credible science into tools and catalyzing systems change in low-income communities. This endeavor is most effective through partnerships, practical research, community capacity building, and data-driven advocacy and awareness building. NCHH equips leaders in the public health, housing, and environmental sectors with the data, tools, policies, and best practices they need to improve housing quality in their communities.

### National Environmental Health Association



The National Environmental Health Association's (NEHA) mission is to build, sustain,

and empower an effective environmental health workforce. Advancement has been defined by NEHA in terms of both education and motivation. The basis for the association's activities is the belief that the professional who is educated and motivated is the professional who will make the greatest contribution to the healthful environmental goals we all seek. Accordingly, through each of NEHA's programs, great emphasis is placed on providing both educational and motivational opportunities.



This project utilized existing strategic partnerships and collaboration maintained and fostered by the Centers for Disease Control and Prevention's (CDC) National Center for Environmental Health (NCEH) and Agency for Toxic Substances and Disease Registry (ATSDR) to strengthen coordination and communication around safe practices in ECE settings during the COVID-19 pandemic. More detailed information about Health in All Policies (HiAP) is outlined in NACCHO's Local Health Department Strategies for Implementing Health in All Policies fact sheet.

## STRATEGIES for Implementing Health in All Policies

HiAP is a change in the Develop and Structure systems that determine **Cross-Sector** how decisions are made Relationships **Enhance Implement** and implemented by Workforce Accountability local, state, and federal Structures Capacity Synchronize governements to ensure Communications policy decisions have and Messaging neutral or beneficial Integrate Incorporate Research, **Health Into** impacts on health Evaluation, and **Decision-Making** departments. **Data Systems Processes** Coordinate **Funding** and **Investments NACCHO - Health in All Policies** 

#### The Nuts and Bolts of Coordination

The COVID-19 ECE Collaborative used the following process to foster collaboration and successfully implement many of the seven HiAP strategies: 1) coordinated funding and investments, 2) synchronized communications, and 3) messaging and implementing accountability structures.



### MONTHLY MEETINGS

NEHA served as the convener for the Collaborative and was responsible for coordinating and facilitating monthly meetings and communications for the group. Meetings were recorded and monthly notes were provided to partner organizations to ensure all members had access to Collaborative information.

During the monthly meetings, each organization had the opportunity to update the group on their ECE-related activities and share any difficulties they were experiencing. The meetings created a forum for members to gain critical situational awareness, coordinate activities and messaging, and crowdsource solutions to challenges as they happened.



#### SHARED WORKPLANS

ATSDR worked with each partner at the beginning of the project to establish roles and responsibilities within the Collaborative.

A joint project activities matrix was developed and shared with all Collaborative members to coordinate efforts and avoid duplication. The matrix was reviewed during each monthly check-in to ensure continued coordination and provide opportunities for quality improvement and topic refocusing, if needed.



### JOINT COMMUNICATION PLANS

NEHA developed a joint communications matrix to help the group coordinate the development and release of tools, resources, and webinars.

The matrix facilitated cross-promotion, topical coordination, joint messaging, and the ability to support better implementation and wider dissemination of the developed resources.

#### Key Successes of the Collaborative Model



### SAVED RESOURCES

NEHA-provided basecamp platform to support coordination of ATSDR's APPLETREE grantees in support of CEHN. The Basecamp platform was used to connect the Collaborative to meeting notes, recordings, announcements, and developed resources.

### **EAR TO THE GROUND**

Each organization conducted on-going assessments of their member's need at state, territorial, tribal, and local jurisdictions and provided this information to the collaborative to help inform existing gaps or confirm the usefulness of resources to the ECE community.

#### MET NEEDS

Recognizing the gap in resources for home-based childcare settings, NCHH developed resources for the specific audience.

Identified language gaps and translated resources into multiple languages.

CEHN identified a gap in ventilation guidance for ECEs, NEHA develop a daily checklist with focus on ventilation, air filtration, and chemical usage for ECE professionals to assess indoor air quality risk.

### AMPLIFIED VOICES

Provided speaker recommendations and facilitated introductions for NACCHO's webinar about disinfection and ventilation in ECE facilities.

CEHN partnered with AAP/PEHSU to create a webinar series together, expanding CEHN's reach by at least 3-fold, and reaching new audiences, namely AAP's large network of pediatric health care providers.

### **BROADENED REACH**

ASTDR, ASTHO, and NEHA presented "Collaborating to Bring COVID-19 Resources to Early Care Education" together at NEHA's 2021 Annual Educational Conference.

ASTHO, CEHN, NACCHO, NCHH, NEHA, and Ohio Department of Health conducted a facilitated discussion on the ECE collaborative work in support of Children's Environmental Health Day.

### LEVERAGED EXPERTS

NEHA connected NCHH to a Spanish translating service to convert home cleaning and disinfection guides for home-based ECE facilities.

NEHA developed a centralized clearinghouse of all developed resources and tools and maintained the site on behalf of the group.

PEHSU provided content expertise to ASPHN on their Clean Away COVID campaign. The campaign also received an endorsement from the PEHSU Steering Committee.

#### THE COLLABORATIVE IMPACT

The COVID-19 ECE Collaborative identified gaps and developed more than 90 resources to educate a range of community collaborators who support early care and education of children across the nation. This included: home- and facility-based ECE providers; licensing agencies; state, territorial, tribal, and local health departments; the environmental health workforce who supports or interacts with childcare facilities; and national associations and accreditation organizations associated with early childhood education.

Examples of those resources on COVID-19 in ECE facilities include: NEHA's COVID ECE webpage, webinars, infographics, fact sheets, assessments, checklist forms, tool kits, and other methods to engage stakeholders. The resources discuss the following topics: disinfection, food handling, disaster preparedness, ventilation, indoor air quality, hand sanitizers, and cleaning products. As mentioned, these materials used a HiAP approach to reach a range of audiences that interact with children and ECE facilities.

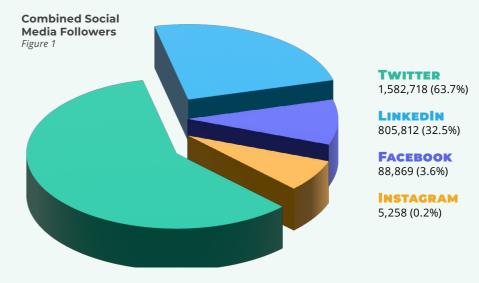
Each organization developed resources for their specified audience, but those resources were also promoted through all the organizations of the Collaborative. This promotion was a great way to get information to an audience that an organization might not normally connect or interact with.

Appendix A and B contain a list of all the resources developed to date as part of the COVID-19 ECE Collaborative between September 14, 2020, and December 31, 2021.

### THE COLLABORATIVE DATA DRIVE

The organizations in the COVID-19 ECE Collaborative have members who look to them for guidance and ECE resources. Some members may only be associated with one organization, which could result in missing important information. This Collaborative provided the opportunity for developed resources to be promoted throughout multiple organizations and allowed developed materials to reach a wider range of audiences. Also, with the use of social media platforms such as Facebook, Instagram, Twitter, and LinkedIn, these products were able to be advertised to ECE stakeholders nationally. The total number of social media followers between all the collaborating organizations was greater than 280,000 followers (Figure 1). This increased reach allowed for the dissemination of resources to a much larger audience compared to individual organization membership distribution.

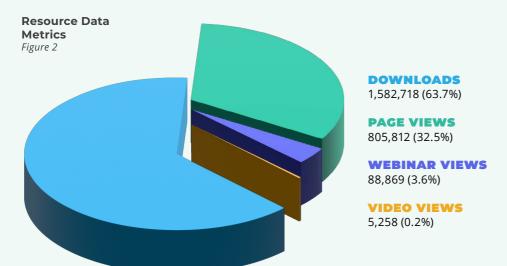
Due to the large number of developed resources, the Collaborative desired to reach as many people and organizations as possible. Through the great work to promote these resources, **the Collaborative was able to make over 2,000,000 connections with people and organizations** through webinar views, resource downloads, video views, and page clicks



(Figure 2). These downloads included assessment documents, fact sheets, infographics, comic strips, and tool kits. There were also several resources translated into different languages to extend the reach to communities where English is not their first language. The variety of resources developed, and the different organizational platforms shared allowed the Collaborative to support ECE facilities in multiple ways.

### THE COLLABORATIVE SUMMARY

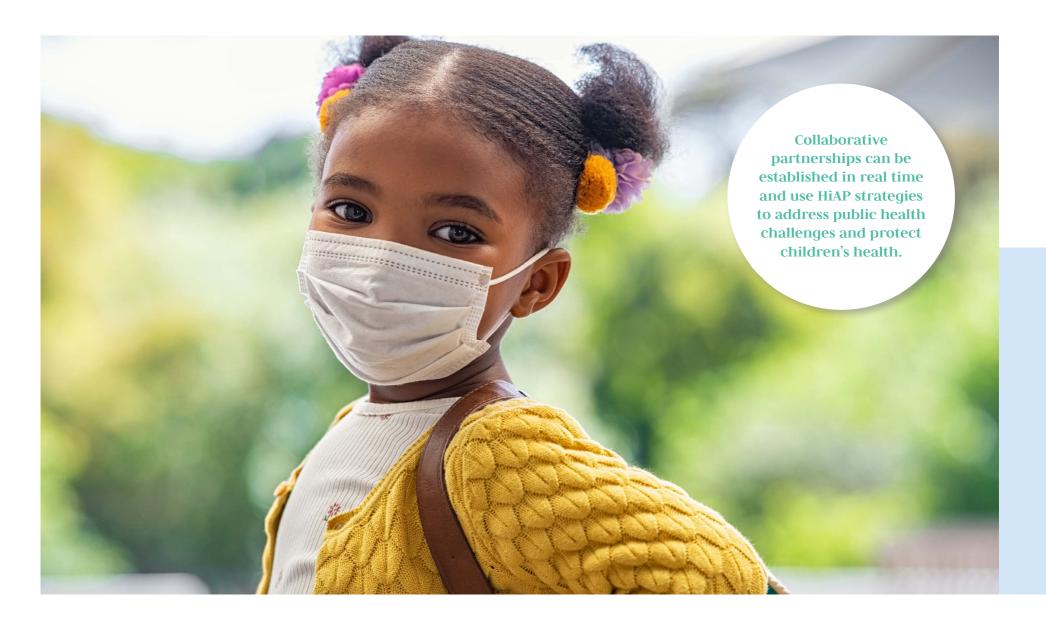
The number of individuals and organizations reached clearly displays the effectiveness of the Collaborative and illustrates the benefit of bringing stakeholders together to meet public health challenges in real time.



In summary, the Collaborative gathered a diverse group of organizations that worked together to protect children from COVID-19 and other environmental health hazards. Through this endeavor, Collaborative members were able to coordinate activities, develop critically needed resources, and reach a broad range of ECE practitioners. This project serves as an example of how collaborative partnerships can be rapidly established and implemented in real time to holistically address public health challenges and protect children's health using HiAP strategies.

The COVID-19 ECE Collaborative continued to hold monthly virtual meetings to provide updates, as well as support any partner events through 2021. This action afforded the opportunity for developed resources to be re-promoted to different audiences to maximize awareness and reach of these materials. NEHA also maintained its recurring monthly check-in meetings with CEHN and NCHH to continue coordinating around environmental health activities.

Visit the COVID-19 Early Care and Education Collaborative website to access the developed resources and learn about project successes.



#### **ACKNOWLEDGEMENT**

This project enhancing environmental health capabilities and engagement in coronavirus response efforts was supported by the Centers for Disease Control and Prevention (CDC) of the U.S. Department of Health and Human Services (HHS) as part of a financial assistance award totaling \$447,222 with 100% funded by CDC/HHS and 0% funded by nongovernment source(s). The contents in this document are those of the author(s) and do not necessarily represent the official views of, nor an endorsement by, CDC/HHS or the U.S. government.

#### **APPENDIX A**

#### Resources Developed September 14, 2020–December 31, 2021

RESOURCE TYPE	RESOURCES
ASSESSMENT DOCUMENTS	• ECE COVID-19 ASSESSMENT FORM   NEHA • ECE COVID-19 CHECKLIST   NEHA
FACT SHEETS	CLEAN AWAY COVID - CLEANING & DISINFECTION   ASPHN COVID-19: HEALTHY INDOOR AIR QUALITY IN CHILD CARE FACILITIES   CEHN HAND SANITIZER FACT SHEET - FAMILIES   PEHSU HEALTHY HOMES GUIDE TO SAFE CLEANING AND DISINFECTION (ENGLISH)   NCHH HEALTHY HOMES GUIDE TO SAFE CLEANING AND DISINFECTION (PLAIN LANGUAGE)   NCHH INDOOR AIR QUALITY IN EARLY CARE AND EDUCATION FACILITIES   ASTHO SAFER CLEANING AND DISINFECTING IN CHILD CARE FACILITIES: COVID-19 (PART I - GENERAL GUIDANCE)   CEHN SAFER DISINFECTION IN CHILD CARE FACILITIES: COVID-19 (PART 2)   CEHN SAFER DISINFECTANT USE FACT SHEET   PEHSU SUPPORTED ACTIVITIES - ARKANSAS DEPARTMENT OF HEALTH SUPPORTED ACTIVITIES - VERMONT DEPARTMENT OF HEALTH SUPPORTED ACTIVITIES - KENTUCKY DEPARTMENT FOR PUBLIC HEALTH SUPPORTED ACTIVITIES - INDIANA DEPARTMENT OF HEALTH

RESOURCE TYPE	RESOURCES
INFOGRAPHICS	• 10 VALUABLE HEALTHY HOMES RESOURCES FOR HOME-BASED CHILD CARE PROVIDERS   NCHH • CLEAN AWAY COVID THOROUGHLY AND OFTEN   ASPHN • CLEAN AWAY COVID WITH CLEAN HANDS   ASPHN • CLEAN AWAY COVID WITH THE RIGHT TOOLS   ASPHN • CLEANING & SANITIZING TOYS   NEHA • DIAPER CHANGING BEST PRACTICES   NEHA • FOOD PREP & SERVICE   NEHA • IMPROVING INDOOR AIR QUALITY DURING COVID-19   NEHA • SAFER DISINFECTANTS   PEHSU • SAFER DISINFECTANTS COMIC STRIP - COVID FOCUS   PEHSU • SAFE DISINFECTANTS COMIC STRIP - NON-COVID FOCUS   PEHSU
ON-THE-JOB RESOURCES	CHOOSE SAFE PLACES   NEHA COVID-19 SOCIAL MEDIA MARKETING TOOLKIT   CEHN GREEN CLEANING EARLY CHILD CARE RESOURCE   PEHSU HOW TO CHOOSE A PORTABLE AIR CLEANER   CEHN KEY TIMES TO CLEAN TOYS   CDC SCIENCE BRIEF: SARS-COV-2 AND SURFACE (FOMITE) TRANSMISSION FOR INDOOR COMMUNITY ENVIRONMENTS   CDC SCHOOL SETTINGS   COVID-19   CDC WHEN YOU'VE BEEN FULLY VACCINATED   CDC
RESOURCE WEBPAGES	COVID-19 EARLY CARE AND EDUCATION COLLABORATIVE   NEHA COVID-19 RESOURCES   CEHN COVID-19 RESPONSE / SAFER DISINFECTANT USE   PEHSU CLEAN AWAY COVID   ASPHN ENVIRONMENTAL HEALTH AND COVID-19 RESOURCE LIBRARY   NACCHO SAFE CLEANING & DISINFECTION   NCHH

RESOURCE TYPE	RESOURCES
VIDEOS	CHOOSING AND USING DISINFECTION PRODUCTS   NCHH HEALTHY HOUSING 101: VENTILATION   NCHH KEEP IT ALL CLEAN TO CLEAN AWAY COVID   ASPHN LIST N SEARCH BY EPA REGISTRATION NUMBER   ASPHN LIST N SEARCH BY ACTIVE INGREDIENT   ASPHN SANITIZE FOOD PREP AREAS   ASPHN USAGE OF MICROFIBER CLEANING CLOTHS   ASPHN WHAT TO DO IF COVID IS IN YOUR HOME   ASPHN
WEBINARS	<ul> <li>APPLETREE COVID-19 SUPPLEMENTAL PROJECT   ASTHO</li> <li>COVID-19 &amp; CHILDREN'S ENVIRONMENTAL HEALTH   NACCHO</li> <li>HEALTHY HOMES GUIDE TO CLEANING AND DISINFECTION: KEY MESSAGES   NCHH</li> <li>SAFER CLEANING, SANITIZING AND DISINFECTING IN ECE SETTINGS   PEHSU &amp; CEHN</li> <li>SAFER DISINFECTANT USE - DISINFECTION &amp; STERILIZATION   PEHSU</li> <li>SAFER DISINFECTANT USE - TOXICITY OF DISINFECTANTS   PEHSU</li> <li>SAFER DISINFECTANT USE - HAND SANITIZERS   PEHSU</li> <li>SAFER DISINFECTANT USE - REPRODUCTIVE HEALTH   PEHSU</li> <li>SAFER DISINFECTANT USE - DISINFECTING DEVICES AND BEST PRACTICES   PEHSU</li> <li>VENTILATION IN ECE SETTINGS   PEHSU &amp; CEHN</li> </ul>

#### **APPENDIX B**

#### **Translated Resources**

LANGUAGE TYPE	RESOURCES
AMHARIC	CLEANING AND SAFER DISINFECTING COMIC STRIP   PEHSU     SAFER DISINFECTANT USE FACT SHEET   PEHSU     SAFER DISINFECTANT USE INFOGRAPHIC   PEHSU
CHINESE	CLEANING AND SAFER DISINFECTING COMIC STRIP   PEHSU     SAFER DISINFECTANT USE FACT SHEET   PEHSU     SAFER DISINFECTANT USE INFOGRAPHIC   PEHSU
KOREAN	CLEANING AND SAFER DISINFECTING COMIC STRIP   PEHSU     SAFER DISINFECTANT USE FACT SHEET   PEHSU     SAFER DISINFECTANT USE INFOGRAPHIC   PEHSU
PORTUGUESE (BRAZILIAN)	CLEANING AND SAFER DISINFECTING COMIC STRIP   PEHSU     SAFER DISINFECTANT USE FACT SHEET   PEHSU     SAFER DISINFECTANT USE INFOGRAPHIC   PEHSU
RUSSIAN	CLEANING AND SAFER DISINFECTING COMIC STRIP   PEHSU SAFER DISINFECTANT USE FACT SHEET   PEHSU SAFER DISINFECTANT USE INFOGRAPHIC   PEHSU

LANGUAGE TYPE	RESOURCES
SOMALI	CLEANING AND SAFER DISINFECTING COMIC STRIP   PEHSU SAFER DISINFECTANT USE FACT SHEET   PEHSU SAFER DISINFECTANT USE INFOGRAPHIC   PEHSU
SPANISH	CLEAN AWAY COVID THOROUGHLY AND OFTEN   ASPHN  CLEAN AWAY COVID WITH CLEAN HANDS   ASPHN  CLEAN AWAY COVID WITH THE RIGHT TOOLS   ASPHN  CLEAN AWAY COVID - CLEANING & DISINFECTION   ASPHN  CLEANING AND SAFER DISINFECTING COMIC STRIP   PEHSU  COVID-19: HEALTHY INDOOR AIR QUALITY IN CHILD CARE FACILITIES   CEHN  HEALTHY HOMES GUIDE TO SAFE CLEANING AND DISINFECTION   NCHH  KEEP IT ALL CLEAN TO CLEAN AWAY COVID VIDEO   ASPHN  SAFER CLEANING AND DISINFECTING IN CHILD CARE FACILITIES: COVID-19 (PART I - GENERAL GUIDANCE)   CEHN  SAFER DISINFECTANT USE FACT SHEET   PEHSU  SAFER DISINFECTION IN CHILD CARE FACILITIES: COVID-19 (PART 2)   CEHN  SANITIZE FOOD PREP AREAS VIDEO   ASPHN  USAGE OF MICROFIBER CLEANING CLOTHS VIDEO   ASPHN  WHAT TO DO IF COVID IS IN YOUR HOME VIDEO   ASPHN
VIETNAMESE	CLEANING AND SAFER DISINFECTING COMIC STRIP   PEHSU SAFER DISINFECTANT USE FACT SHEET   PEHSU SAFER DISINFECTANT USE INFOGRAPHIC   PEHSU



#### **Executive Summary**

2021/2022