100 child care workers completed an opt-in online survey. The sample was drawn from across the United States. All of the respondents work for a child care center, preschool, or nursery school. The sample was provided from a nationally known online panel vendor.
The survey participants are employed by a variety of child care facilities:
- Private day care center/preschool (66%)
- Faith-based or church day care center/preschool (13%)
- In-home care (9%)
- Child care center on a university campus (7%)
- Non-profit or publically funded (5%)

92% of the respondents care for children who are still using diapers.
68% of the respondents work full-time (eight or more hours per day).
Most child care workers use liquid soap

While you are at the child care center, what type of cleansing products do you use to clean your hands?

When you wash your hands, how much liquid soap do you use? (n=74)

- One pump (45%)
- Two pumps (47%)
- Three or more pumps (8%)

Aided; respondents were allowed multiple responses.
Most use antibacterial products

Is the hand cleaner you use while working at the child care center antibacterial or non-antibacterial?

Percent Using

- 74% (n=74) Liquid soap
- 48% (n=48) Waterless hand sanitizer
- 46% (n=46) Foam soap
- 8% (n=8) Bar soap

- 84% Antibacterial
- 10% Non-antibacterial
- 6% Don't know
Handwashing occurs multiple times per day

About how many times do you clean your hands during the day? This could include using any forms of soap or waterless hand sanitizer.

Of the 12 full-time workers who wash their hands 30 or more times per day, the actual frequency is:
- 30 times (4)
- 35 times (2)
- 40 times (2)
- 70 times (1)
- 75 times (1)
- 80 times (1)
- 100 times (1)

Part-time is less than 8 hours.
Full-time is working 8 hours or more.
Handwashing occurs multiple times per day

INCLUDES ONLY THOSE WHO DO NOT USE HAND SANITIZER: About how many times do you clean your hands during the day?

- 1 to 6 times: 18% Part-time workers (n=17), 9% Full-time workers (n=35)
- 7 to 12 times: 47% Part-time workers (n=17), 37% Full-time workers (n=35)
- 13 to 18 times: 24% Part-time workers (n=17), 20% Full-time workers (n=35)
- 19 to 21 times: 12% Part-time workers (n=17), 9% Full-time workers (n=35)
- 24 to 30 times: 11% Part-time workers (n=17), 0% Full-time workers (n=35)
- 35 to 40 times: 0% Part-time workers (n=17), 6% Full-time workers (n=35)
- 50 to 100 times: 0% Part-time workers (n=17), 9% Full-time workers (n=35)

Of the 7 full-time workers who wash their hands 30 or more times per day, the actual frequency is:
- 30 times (2)
- 35 times (2)
- 70 times (1)
- 75 times (1)
- 100 times (1)

Part-time is less than 8 hours. Full-time is working 8 hours or more.
About half wash for more than 20 seconds

When you use any form of soap (that requires water), about how long do you typically wash your hands, including the time you lather with the soap and rinse your hands?

- 10 seconds or less: 13%
- 11 to 15 seconds: 9%
- 16 to 20 seconds: 25%
- 21 to 25 seconds: 14%
- 26 to 30 seconds: 24%
- More than 30 seconds: 15%

n=100
Many events throughout the day lead to handwashing.

When do you specifically make an effort to wash your hands while you are working at the child care center?

<table>
<thead>
<tr>
<th>Event</th>
<th>% of Respondents</th>
</tr>
</thead>
<tbody>
<tr>
<td>After using the restroom</td>
<td>95%</td>
</tr>
<tr>
<td>Before preparing meals or snacks</td>
<td>93%</td>
</tr>
<tr>
<td>After wiping a child's nose</td>
<td>89%</td>
</tr>
<tr>
<td>After helping children use the restroom</td>
<td>88%</td>
</tr>
<tr>
<td>After handling soiled diapers</td>
<td>87%</td>
</tr>
<tr>
<td>After changing diapers</td>
<td>86%</td>
</tr>
<tr>
<td>After wiping your own nose</td>
<td>80%</td>
</tr>
<tr>
<td>Before feeding infants or children</td>
<td>78%</td>
</tr>
<tr>
<td>After eating</td>
<td>70%</td>
</tr>
<tr>
<td>After feeding infants or children</td>
<td>63%</td>
</tr>
<tr>
<td>Upon entering or re-entering the center</td>
<td>62%</td>
</tr>
</tbody>
</table>

92 respondents have children in diapers so the relevant percentages are 95% and 94%.

n=100

Aided; respondents were allowed multiple responses.
About half find that frequent handwashing is an irritant.

How much do you agree or disagree with the following statements? [Scale of 1-10 with 10 being strongly agree and 1 being strongly disagree]

- **My hands get dry and irritated after a day of work at the child care center**
  - Strongly Agree (49%)
  - Agree (19%)
  - Disagree (32%)

- **I use an above average amount of lotion to relieve irritation from dry hands**
  - Strongly Agree (38%)
  - Agree (18%)
  - Disagree (44%)

- **The hand soaps and sanitizers I use at the day care center are gentle on my hands**
  - Strongly Agree (28%)
  - Agree (22%)
  - Disagree (50%)

*Use moisturizing soap: 27%
Do not use moisturizing soap: 64%

n=100
Handwashing products are typically purchased from local retail stores.

How does your day care center obtain handwashing products?

- From local retail stores: 61%
- From a specialized distributor/wholesaler: 27%
- The cleaning company fills the dispensers: 15%
- Products ordered online: 12%
- Don't know: 8%

n=100
Most have worked as a child care worker for at least 5 years

**Years as a child care worker**

- Less than 1 year: 7%
- 1 to 2 years: 7%
- 2 to 3 years: 13%
- 3 to 4 years: 10%
- 4 to 5 years: 4%
- 5 to 10 years: 18%
- 10 to 20 years: 20%
- More than 20 years: 21%

**Location of day care center**

- Midwest Region: 32%
- South Region: 26%
- Northeast Region: 23%
- West Region: 19%

n=100
Child care worker demographic profile

Age
- 18 to 24 (12%)
- 25 to 34 (30%)
- 35 to 44 (19%)
- 45 to 54 (23%)
- 55 to 64 (13%)
- 65+ (3%)

Gender
- Male (2%)
- Female (98%)

Ethnicity
- Caucasian (73%)
- African American (16%)
- Hispanic/Latino (6%)
- Asian (1%)
- American Indian/Alaska Native (1%)
- Other (3%)

Education
- High school (19%)
- Some college (28%)
- Associate’s degree (24%)
- Bachelor’s degree (25%)
- Master’s degree (3%)
- Doctoral/professional degree (1%)