The background features a large, faint watermark of the Southern Lehigh School District logo. The logo is circular and contains the text "SOUTHERN LEHIGH SCHOOL DISTRICT" at the top and "CENTER VALLEY, PA" at the bottom. In the center of the logo is a shield with a book and a quill.

***Southern Lehigh School District
COVID-19 Data Update
August 9, 2021***

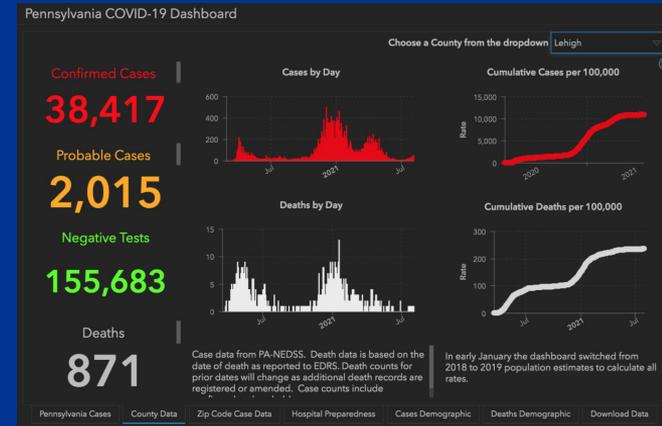
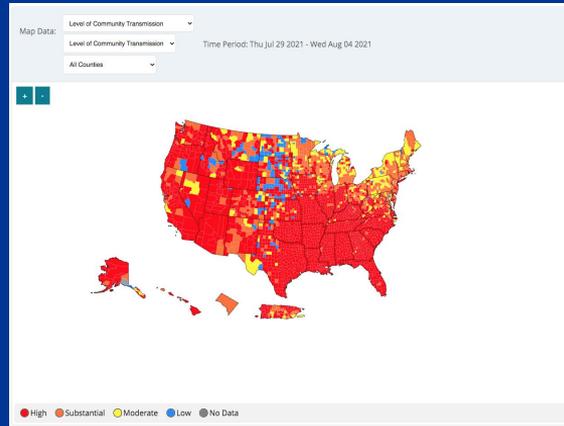
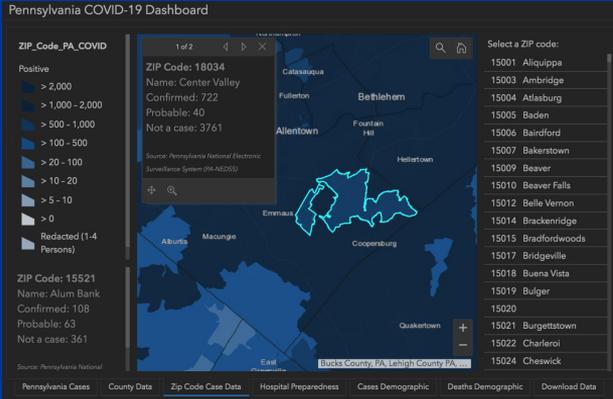
*Learning - Serving - Leading
One Interaction at a Time*

Agenda

- County and Local COVID-19 Case Data
- County and Local COVID-19 Vaccination Data
- Federal, State, and Local Guidance Updates
- Looking Ahead

COVID-19 Data Sources

- COVID-19 Data is available through various dashboards that provide National, State, County, and regional data. The update frequency of these dashboard varies. (daily to weekly)
- This data is monitored in order to complete a routine District level analysis.



Incident Rate Per 100K

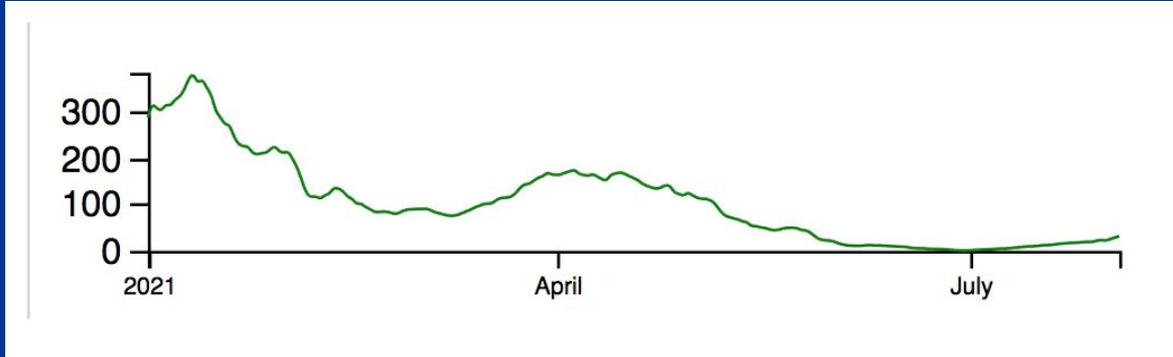
→ The Incident Rate Per 100K measures the number of cases in a 7 Day Period per 100,000 Residents. This represents one of the two metrics used by the CDC to determine the Level of Community Transmission in a County.

Date	Incident Rate Per 100K Residents (Lehigh County)
June 11 to June 17	9.7
June 18 to June 24	8.4
June 25 to July 1	6.0
July 2 to July 8	10.3
July 9 to July 15	16.5
July 16 to July 22	29.8
July 23 to July 29	40.6
July 30 to August 5	74.2

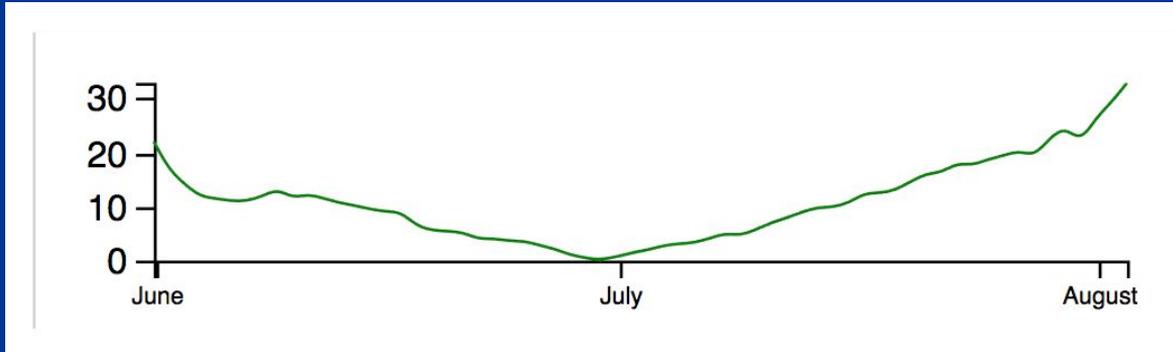
Source: [PADOH COVID-19 Early Warning Monitoring System Dashboard](#)

Incident Rate Per 100K

→ CDC Line Graph denoting the Incident Rate Per 100K in Lehigh County from January 1, 2021 to August 4, 2021



→ CDC Line Graph denoting the Incident Rate Per 100K in Lehigh County from June 1, 2021 to August 4, 2021



Source: [CDC Data Tracker; COVID-19 Integrated County View](#)

PCR Positivity Rate

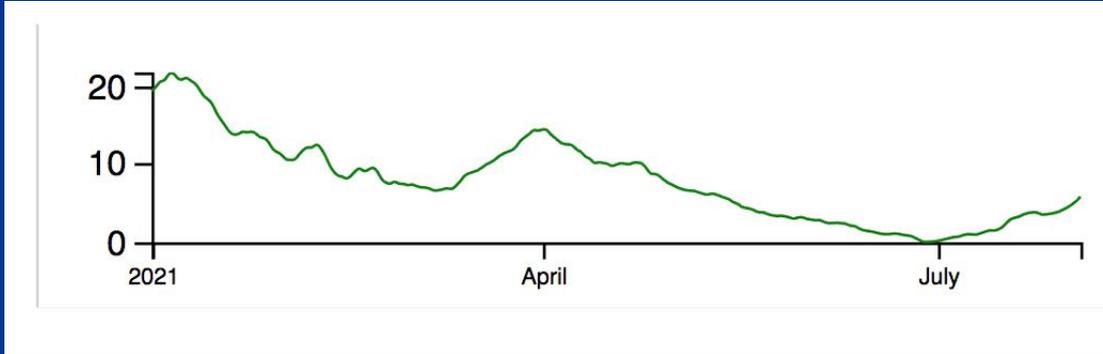
→ The PCR Positivity Rate measures the percentage of PCR tests administered that results in positive cases. This represents one of the two metrics used by the CDC to determine the Level of Community Transmission in a County.

Date	PCR Positivity Rate (% / Lehigh County)
June 11 to June 17	1.6%
June 18 to June 24	1.3%
June 25 to July 1	.8%
July 2 to July 8	1.5%
July 9 to July 15	2.3%
July 16 to July 22	4.2%
July 23 to July 29	4.4%
July 30 to August 5	6.7%

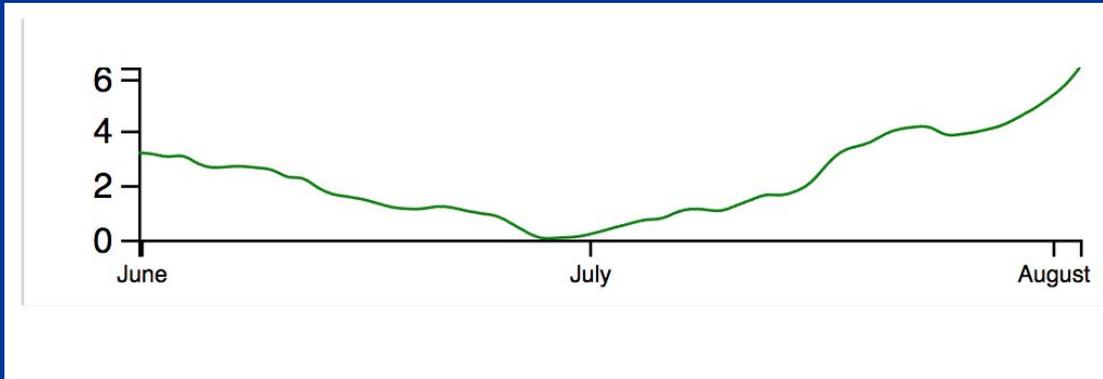
Source: [PADOH COVID-19 Early Warning Monitoring System Dashboard](#)

PCR Positivity Rate

→ CDC Line Graph denoting the PCR Positivity Rate in Lehigh County from January 1, 2021 to August 4, 2021



→ CDC Line Graph denoting the PCR Positivity Rate in Lehigh County from June 1, 2021 to August 4, 2021



Source: [CDC Data Tracker: COVID-19 Integrated County View](#)

CDC Level of Community Transmission

→ The CDC uses a four level classification system to determine the regional Level Community Transmission of COVID-19. (PDE and PADOH are using this system)

Indicator - If the two indicators suggest different transmission levels, the higher level is selected	Low Transmission Blue	Moderate Transmission Yellow	Substantial Transmission Orange	High Transmission Red
Total new cases per 100,000 persons in the past 7 days	0-9.99	10-49.99	50-99.99	≥100
Percentage of NAATs ¹ that are positive during the past 7 days	0-4.99%	5-7.99%	8-9.99%	≥10.0%

→ This classification system is applied to all Counties in the United States to monitor the COVID-19 Level of Community Transmission. (*US County Data as of 8/6/21)

Level of Community Transmission	Number of U.S. Counties at this Level	Percent of U.S. Counties at this Level	Percentage Point Difference Since 7 Days Ago
High	2161	67.11%	14.94%
Substantial	580	18.01%	0.9%
Moderate	332	10.31%	-12.7%
Low	146	4.53%	-3.14%

Source: [CDC Data Tracker: COVID-19 Integrated County View](#)

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CDC Level of Community Transmission

→ Lehigh County's Level of Community Transmission is outlined below using the CDC classification the Incident Rate Per 100k Residents and the PCR Positivity Rate (%).

Date	Incident Rate Per 100K Residents	PCR Positivity Rate (%)	CDC Level of Community Transmission
June 11 to June 17	9.7	1.6%	LOW (0.00 - 9.99)
June 18 to June 24	8.4	1.3%	LOW (0.00 - 9.99)
June 25 to July 1	6.0	.8%	LOW (0.00 - 9.99)
July 2 to July 8	10.3	1.5%	MODERATE (10.00 - 49.99)
July 9 to July 15	16.5	2.3%	MODERATE (10.00 - 49.99)
July 16 to July 22	29.8	4.2%	MODERATE (10.00 - 49.99)
July 23 to July 29	40.6	4.4%	MODERATE (10.00 - 49.99)
July 30 to August 5	74.2	6.7%	SUBSTANTIAL (50.00 - 99.00)

Source(s): [PADOH COVID-19 Early Warning Monitoring System Dashboard](#) & [CDC Data Tracker](#); [COVID-19 Integrated County View](#)

COVID-19 Localizing Data

- The Southern Lehigh School District has residents in each of the following Zip Codes.
 - ◆ Each Zip Codes that is denoted with an asterisk (*) is not entirely contained within district boundaries.
- The PADOH shares Zip Code Data in the form of total number of cases.
- In the absence of a County or Municipal Health Department, the SLSD is unable to obtain more localized data that only demonstrates data within the geographic boundaries of the SLSD.
- Generally, the SLSD Zip Code Data has accounted for a range of approximately 6% - 10% of the total reported COVID-19 Cases in Lehigh County.

*18015 - Bethlehem

18034 - Center Valley

*18036 - Coopersburg

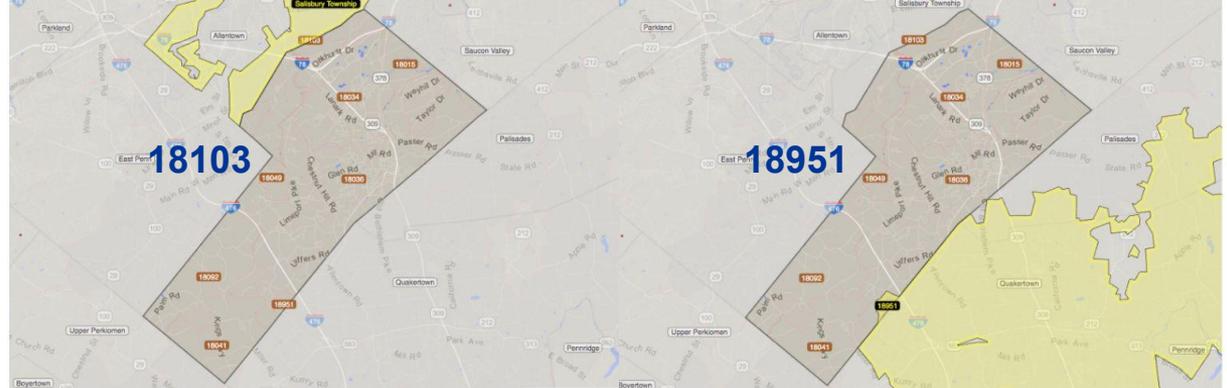
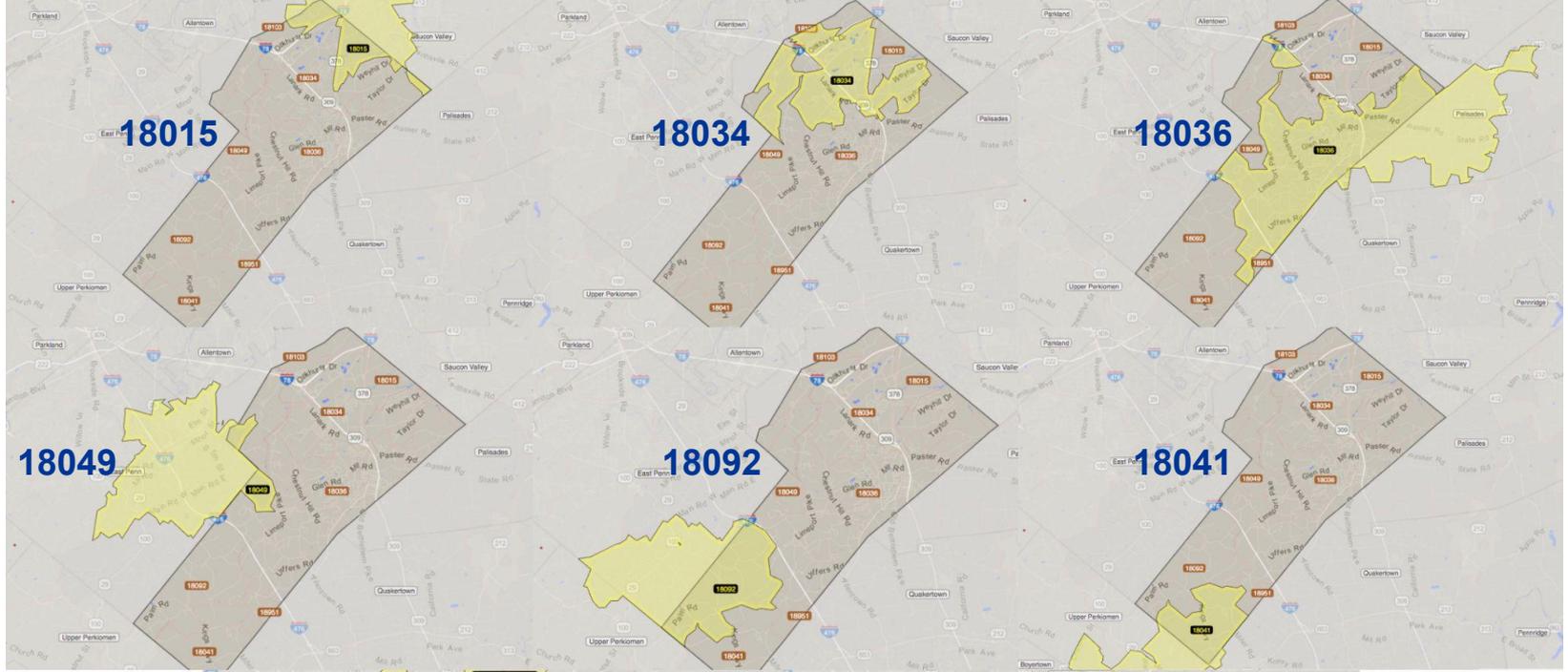
*18041 - East Greenville & Fruitville

*18049 - Emmaus

*18092 - Zionsville, Old Zionsville, Hosensack, & Powder Valley

*18103 - Allentown

*18951- Quakertown, Spinnerstown, Milford Square, Applebachsville, Shelly, Amity, & Paletown



This image demonstrates the geographic boundaries of the SLSD Zip Codes within the Southern Lehigh School District Boundaries.

Source: [Overview of SLSD Zip Codes](#)

COVID-19 Vaccination Data

- All interested people, ages 12+ remain eligible for vaccination.
- ◆ *Vaccine availability in the Lehigh Valley remains high.*
- As of August 4, the PADOH Vaccine Database contains the following School Aged COVID-19 Vaccine information for Lehigh County;

	Partially Covered Age Group 10-14	Partially Covered Age Group 15-19	Fully Covered Age Group 10-14	Fully Covered Age Group 15-19
Lehigh County	934	1,530	4,606	10,653

- The expansion of vaccine eligibility for individuals under the age of 12 is likely to occur mid school year.

Source: [PADOH Vaccine Dashboard](#)

COVID-19 Vaccine Update

→ As of August 5, the CDC Data Tracker; COVID-19 Integrated County View contains the following data specific to Vaccinations in Lehigh County;

People Vaccinated	At Least One Dose	Fully Vaccinated
Total	260,247	211,680
% of Total Population	70.5%	57.3%
Population ≥ 12 Years of Age	260,243	211,680
% of Population ≥ 12 Years of Age	82.5%	67.1%
Population ≥ 18 Years of Age	244,949	200,506
% of Population ≥ 18 Years of Age	85.6%	70.1%
Population ≥ 65 Years of Age	72,460	60,413
% of Population ≥ 65 Years of Age	99.9%	95.6%

See more information on what these data mean.

CDC | Data as of: August 5, 2021 6:00am ET. Posted: Thursday, August 5, 2021 9:34 PM ET

Source: [CDC Data Tracker: COVID-19 Integrated County View](#)

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Federal, State, and Local Guidance Updates

- Following the June 28th Board of School Directors Meeting, the following COVID-19 Guidance has been ***EITHER*** updated or released.
- ◆ [Centers for Disease Control - Guidance for COVID-19 Prevention in K-12 Schools](#)
 - ◆ [American Academy of Pediatrics - COVID-19 Guidance for Safe Schools](#)
 - ◆ [American Academy of Pediatrics - Children and COVID-19: State-Level Data Report](#)
 - ◆ [PDE - CDC Guidance for COVID-19 Prevention in K-12 Schools](#)

CDC - Guidance for COVID-19 Prevention in K-12 School

- Update made on July 27;
- ◆ “Given new evidence on the B.1.617.2 (Delta) variant, CDC has updated the guidance for fully vaccinated people. CDC recommends universal indoor masking for all teachers, staff, students, and visitors to K-12 schools, regardless of vaccination status. Children should return to full-time in-person learning in the fall with layered prevention strategies in place.”

AAP - COVID-19 Guidance for Safe School

- Update made on July 18;
- ◆ All eligible individuals should receive the COVID-19 vaccine.
- ◆ All students older than 2 years and all school staff should wear face masks at school (unless medical or developmental conditions prohibit use).
- ◆ It is critically important to develop strategies that can be revised and adapted depending on the level of viral transmission and test positivity rate throughout the community and schools, recognizing the differences between school districts, including urban, suburban, and rural districts.
- ◆ School policies should be adjusted to align with new information about the pandemic; administrators should refine approaches when specific policies are not working.

- Update made on July 29;
 - ◆ In this report, the AAP and the Children's Hospital Association have partnered to provide State-level reports using the best publicly available and timely data on child COVID-19 cases in the United States. Further, the APP and the Children's Hospital Association have provided several slide presentations outlining the findings with periodic updates over the course of July.

PDE - CDC Guidance for COVID-19 Prevention in K-12 Schools

- PDE reiterated the CDC Guidance in a public communication on July 30 with a focus on;
- ◆ Vaccination
 - ◆ Face Coverings and Masking
 - ◆ Physical Distancing
 - ◆ Contact Tracing, Isolation, and Quarantine
 - ◆ Sports and Extracurricular Activities

PDE - CDC Guidance for COVID-19 Prevention in K-12 Schools

→ Vaccination

- ◆ Some prevention strategies outlined in the CDC guidance vary by COVID-19 vaccination status.

→ Face Coverings and Masking

- ◆ CDC recommends universal indoor masking for all teachers, staff, students, and visitors to K-12 schools, regardless of vaccination status OR may consider universal masking based on the needs of the school community, such as level of community transmission and local vaccination coverage.
- ◆ In general, people do not need to wear masks when outdoors.
- ◆ Per the CDC's order on wearing masks on public transportation, regardless of the school mask policy, masks are required to be worn by passengers and drivers on school buses

→ Physical Distancing

- ◆ The CDC recommends maintaining at least 3 feet of physical distance between students in classrooms, with additional layered mitigation efforts employed if distance recommendations would prevent a school from fully reopening.

PDE - CDC Guidance for COVID-19 Prevention in K-12 Schools

→ Contract Tracing, Isolation, and Quarantine

- ◆ Schools should continue to work with DOH or county or municipal health departments (CMHD) to complete contact tracing for individuals diagnosed or exposed to COVID-19.
- ◆ The CDC guidance adds the following exception to the definition of close contact:
 - In the K–12 indoor classroom setting, the close contact definition excludes students who were within 3 to 6 feet of an infected student (laboratory-confirmed or a clinically compatible illness) where:
 - both students were engaged in consistent and correct use of well-fitting face masks; and other K–12 school prevention strategies (such as universal and correct mask use, physical distancing, increased ventilation) were in place in the K–12 school setting.
 - This exception ***DOES NOT*** apply to teachers, staff, or other adults in the indoor classroom setting.

Looking Ahead

- This continues to be a ***DYNAMIC SITUATION*** where changes by federal, state, and local authorities result in updates to guidance as the overall COVID data landscape changes.
- At the August 23, 2021 Board of School Directors Meeting, the Administration will present an additional COVID-19 Data Update to the Board of School Directors to inform any Board Decisions related to the SLSD Health and Safety Plan.