



DEPARTMENT OF ADMINISTRATIVE SERVICES

January 28, 2022

Dear Senator McCrory, Representative Sanchez, Senator Berthel, Representative McCarty, and Distinguished Members of the Education Committee:

I write to share the SCG-1050, School Facilities Survey (“the Survey”) as required by Connecticut General Statutes, Sec. 10-220. Every five years the Department of Administrative Services (“DAS”) undertakes the task of issuing a survey to our Local Education Agencies (“LEAs” or “school districts”) to better understand the condition of our schools and the work that is being done across Connecticut to upgrade and modernize our facilities. We then issue a report for the legislature, the Office of the Governor, and the public, summarizing and analyzing the survey data in accordance with our agency obligations under CGS 10-220(a).

There have been many changes since DAS last issued this report in 2014. Since then, the survey has been significantly revised in order to expand the breadth and detail of information collected, and so that it can be more useful to the statewide school construction policy planning process, improve the implementation of the School Construction Grant program, and reduce the subjectivity of the data obtained from the Survey. Evaluating the safety and quality of our school facilities has always been critically important; however, the pandemic has made the issue even more pressing. Collecting and analyzing the data captured by this Survey is central to understanding the condition of our school facilities, including air quality standards, ability to socially distance, and cleaning protocols—all essential information as we work to keep Connecticut’s children, teachers, and staff safely in school, in-person during the pandemic and beyond.

DAS released the Survey to LEAs on February 2, 2021. Supplemental Survey questions were later added in order to obtain more detailed data related to air quality in schools and other information pertinent to the control of the COVID-19 pandemic. DAS has set a number of deadlines, which have now elapsed, for data to be submitted by the LEAs. As of January 12, 2022, approximately 9% of LEAs have not returned the SCG-1050A, 24% have not completed the SCG-1050D supplemental survey, and a substantial number of school-level SCG-1050B reports have yet to be submitted. DAS staff will continue to receive new and updated data from LEAs on an ongoing basis and will refine the data and analysis in order to support ongoing public policy discussions. DAS considers the Survey a live instrument and the data within it to be living and dynamic. LEAs are not only permitted but required to keep their data in the Survey current. The data contained and analyzed in this report represents a snapshot as of January 12, 2022. In the interest of ensuring that the data from the Survey is available for important public policy discussions now underway, DAS is submitting this report on January 28, 2022, in compliance with our obligations under Connecticut General Statutes, Sec. 10-220.

Sincerely,

A handwritten signature in blue ink that reads "Josh Geballe".

Josh Geballe  
Commissioner



# Summary Report of the 2021 SCG-1050 School Facilities Survey

Submitted by the Connecticut Department of Administrative Services  
Pursuant to Connecticut General Statutes, Section 10-220

## Commissioner Josh Geballe

January 28, 2022



**Contents**

Introduction..... 4

Summary ..... 5

SCG-1050A. Districtwide questions..... 9

SCG-1050B Section A. School Overview ..... 11

SCG-1050B Section B. Location Detail, Part 1 ..... 13

SCG-1050B Section B. Location Detail, Part 2..... 14

SCG-1050B Section C. Basic Building Information ..... 15

SCG-1050B Section D. School Program Features..... 16

SCG-1050B Section E. Primary Building Features ..... 17

SCG-1050B Section F. Primary Building Systems Information ..... 18

SCG-1050B. Section G. Indoor Air Quality (IAQ) Issues..... 19

SCG-1050B Section H. Safety & Security ..... 20

SCG-1050B Section I. Water System ..... 21

SCG-1050B Section J. Accessibility ..... 22

SCG-1050B Section K. Green Cleaning..... 23

SCG-1050B Section L. Energy, Part 1 ..... 24

SCG-1050B Section L. Energy, Part 2 ..... 25

SCG-1050B Section L. Energy, Part 3 (photovoltaics, Part 1)..... 26

SCG-1050B Section L. Energy, Part 4 (photovoltaics, Part 2)..... 27

SCG-1050B Section L. Energy, Part 5 ..... 28

SCG-1050B Section M. Climate Change Readiness ..... 29

SCG-1050B Section N. Cost Estimates ..... 30

SCG-1050C. Vacant school facilities ..... 31

SCG-1050D. Supplemental air quality and other questions ..... 34

Appendix A. Questions Asked in SCG-1050A..... 36

Appendix B. Questions Asked in SCG-1050B ..... 39

Appendix C. Questions Asked in SCG-1050C ..... 55

Appendix D. Questions Asked in SCG-1050D..... 57

Appendix E. Responses received from LEAs by January 12, 2022..... 59



## Introduction

### Survey

The SCG-1050 School Facilities Survey (“the Survey”) captures information that Local Education Agencies (“LEAs”) are required to submit to the Department of Administrative Services (“DAS” or the “Department”) at various intervals required in Connecticut General Statutes, Section 10-220, with the most recent statutory date being July 1, 2021. The Department is required thereafter to submit a report on the information submitted to the General Assembly’s Education Committee.

The Survey is divided into four parts:

- The SCG-1050A is a survey for districtwide information. Each LEA was asked to complete one for their LEA. A complete list of the questions asked of each LEA can be found in Appendix A.
- The SCG-1050B is the school facility level survey. Each LEA was asked to complete one SCG-1050B for each school facility. A complete list of the questions asked on each school facility can be found in Appendix B.
- The SCG-1050C was a supplementary questionnaire released in order to ascertain the inventory of unused school buildings that could be utilized as school facilities again. A complete list of the questions asked of each LEA and municipality can be found in Appendix C.
- The SCG-1050D was a supplementary questionnaire released primarily in order to obtain greater data related to air quality. A complete list of the questions asked of each LEA can be found in Appendix D.

### Background

DAS was charged with significantly revising the 2021 Survey to provide a greater depth of data for use in statewide school construction policy planning and implementation of the School Construction Grant program, and to decrease the subjectivity of the data obtained from the Survey. In order to achieve the goals of this enhanced survey, and because of the move of the School Construction Grant program from the State Department of Education (“SDE”) to DAS, DAS had to build a new protocol for data collection, processing, and analysis from the ground up. This allowed DAS to include greater description of building systems, expenditure projections, and recent project costs. Typically, it takes approximately a year to produce the final report summarizing the Survey. In 2013, for example, the summary report was not released until July of 2014, more than a full year after the statutory deadline of July 1, 2013. This year, given the importance of this data to ongoing public policy discussions related to keeping Connecticut’s schools safe during the Covid-19 pandemic, DAS has endeavored to expedite the release of the report. This was complicated by the fact that DAS had to build new systems for the collection, processing, and analysis of the data given that the Survey was redesigned.

### Facts About the Data

As of January 12, 2022, 91% of LEAs appear to have responded to the SCG-1050A, 76% of LEAs appear to have responded to the SCG-1050D supplemental survey and a substantial number of school-level SCG-1050B reports appear to remain unsubmitted (see Appendix E). As such, summary data involving totals is lower than the complete expected dataset. In the interest of presenting averages and percentages for public policy discussions underway, the averages and percentages herein are those of the LEAs and school



facilities for which data has actually been entered. Please also note that the data reported by LEAs is not from an independent source, nor is it independently verified by DAS. Its accuracy depends upon the accuracy and completeness of each LEA's report to DAS.

Also, certain data points may be skewed by the impact of COVID-19 on LEA operations. The Survey was put into the field in February 2021, and certain questions relate back to periods during the height of the pandemic when the LEAs were facing unprecedented demands on their time and resources. In particular, certain data, such from Question L17 "What were the heating, lighting and other energy expenditures at this school in the most recently completed fiscal year?", from the 2019-2020 and 2020-2021 school years should be viewed in light of the disruption to in person school and other factors. Any comparisons to data from previous surveys should reflect the possible impacts that COVID-19 may have had on the data.

The Survey is designed so that LEAs may fill out the survey, save it as a draft, and then return to the survey at a later date to complete. LEAs were instructed to switch the status of their questionnaires from "draft" to "submitted" when they wanted DAS to consider their reports as complete. A number of surveys were completed but remained marked as draft. For the purposes of this report, survey responses that were complete but remained marked as draft have been included in the data.

## Summary

Below are some key findings from the data submitted by LEAs in the Survey, with particular attention paid to indoor air quality in schools, based on an initial analysis of the data:

### 1. Indoor Air Quality.

- a. In light of the ongoing COVID-19 pandemic, the Department issued the supplemental SCG-1050D survey to gain enhanced data related to air quality and ventilation in schools.
  - i. SCG-1050D. The supplemental survey found that:
    1. 72% of responding LEAs reported having a long-term building plan in place that had been approved by their board and town (if applicable) projecting out five years (see Question 4).
      - a. Comprehensive long-term facilities planning is needed for many reasons, including an assessment of the capital improvements that are needed to ensure that facilities and equipment are able to meet up-to-date air quality standards.
    2. 71% of responding LEAs reported that the long-term building plan is on schedule (see Question 5).
    3. 72% of responding LEAs reported that they have a formal plan for repair and replacement of equipment based on useful life and that the plan is followed in the fiscal planning of their board (see Question 6).
    4. 28% of LEAs reported that such a plan did not exist for their facilities.



- a. HVAC and other equipment affecting air quality that is not properly maintained or replaced after its useful life can negatively affect air quality, in general, and the capacity of the equipment to remove contaminants from indoor air.
5. 79% of responding LEAs reported that they routinely hire an expert, such as a mechanical engineer, or licensed mechanical HVAC contractor, to inspect and commission mechanical systems in all school facilities and that this expert prepares a written report with recommendations (see Question 7).
6. 21% of LEAs reported that this inspection was not done.
  - a. Professional inspection of HVAC and other mechanical systems is essential to ensure air quality.
7. 73% of responding LEAs reported that their plan for the repair and replacement of equipment covers all major plant and operational equipment (see Question 8).
8. 70% of responding LEAs reported that the repair and replacement plan is funded at amounts sufficient to provide for replacement and repairs within the useful life of the equipment (see Question 9).
9. 74% of responding LEAs reported that they have a formal plan for maintenance, including cleaning, maintenance of HVAC, and other major equipment systems (see Question 10).
10. 72% of responding LEAs reported that sufficient funding is provided to complete these maintenance plans (see Question 11)
11. 51% of the responding LEAs reported that they have planned and funded regular balancing and/or commissioning of their HVAC systems (see Question 14), indicating a significant gap in complete maintenance of these systems.
12. 74% of responding LEAs reported that their board has approved an indoor air quality program, as required under CGS Section 10-220, and that reasonable funding is allocated to sustain it (see Question 12).
13. 62% of responding LEAs reported that this plan was funding by their board and town (where applicable) (see Question 13).
14. 90% of responding LEAs indicated that they have a Department of Energy and Environmental Protection (“DEEP”) model plan for Integrated Pest Management (see Question 15), and 87% reported that they satisfied their CSG Sec. 10-231 Integrated Pest Management plan reporting requirement (see Question 16).
15. 46% of responding LEAs reported that they have an indoor air quality coordinator position (see Question 17), and 2% reported that this position is a separate, paid position (see Question 18).



16. 62% of responding LEAs reported that they have a formal procedure for reporting indoor air quality issues (see Question 19), and 38% reported that they have a reporting procedure that has a mechanism for reporting by students and/or parents (see Question 20).
  17. 33% of responding LEAs reported that all school facilities have classroom air conditioning (see Question 21).
    - a. More school-level detail on this is available in the SCG-1050B school-level report data.
  18. 95% of responding LEAs reported that they have a Green Cleaning Program (see Question 22), and 90% indicated regular training of custodial staff in the proper use of cleaning products (see Question 23).
- b. SCG-1050B. In the SCG-1050B, LEAs reported more detailed information regarding individual school facilities. A number of data points reported in the SCG-1050Bs are relevant to air quality.
- i. Section B includes questions (see Questions 13 and 14) that show electric, natural gas, and heating oil use in school facilities. As planning around the capital needs affecting air quality occurs, this data may inform as to the type of equipment presently in use.
  - ii. 40% of school facilities for which a response was received were reported as having central air conditioning for the whole building (see Question F1) and 43% were reported as having central air conditioning for portions of the buildings only (see Question F2).
  - iii. 38% of school facilities for which a response was received were reported as having individual window air conditioners (see Question F3) and 40% were reported as having room unit ventilators (see Question F4).
    1. 46% of school facilities (see Question L7) for which a response was received were reported as having any window air conditioners in use and, on 69% were reported as having split air conditioners (see Question L6).
  - iv. 64% of school facilities for which a response was received were reported as having their building technology systems updated (see Question F7), while 79% were reported as having a building management system (see Question F11).
  - v. 53% of school facilities for which a response was received were reported as having HVAC or high efficiency boilers no older than their expected useful life (see Question F8).
  - vi. 81% of school facilities for which a response was received were reported as having an air quality program adopted by the board of education and implemented at that facility (see Question G1), and 74% reported a



- uniform inspection program for air quality at that facility (see Question G2).
- vii. 96% of school facilities for which a response was received were reported as having a Green Cleaning program adopted by the board of education and implemented at the facility (see Question K1), and 95% were reported as having a written statement about that school facility's Green Cleaning Program (see Question K2).
  - viii. Question L1, L3, and L4 provide data on the energy sources used for heating, providing insights about the systems at school facilities across the state. The facility-by-facility information (see Question L2) has even more detailed information about the type of HVAC systems that are in use. Likewise, Question L5, regarding the approximate age of boilers, provides useful facility-by-facility insights.
  - ix. The Survey asks for information relevant to expenditures and budget planning. Among those were Question N(b), which asked for a five-year look-ahead of planned preventive maintenance and equipment replacement by the LEA at that school facility.
- c. Between FY2022 and FY2025, the data about the facilities for which reports were made show between \$109 million and \$171 million to be spent on preventive maintenance and equipment replacement. While the similar data for FY2021 is no longer a look-ahead, it is also worth pointing out that the aggregate value reported for that year was \$362 million. Of course, since a substantial number of school facilities have not been reported by LEAs, the true aggregate amounts are likely to be higher than these figures. After further refinement, this dataset could be used in the future in comparison to estimates about the baseline amount that these values should be. Further research could be considered to create those estimated baselines.
2. The Survey requested a five-year look-ahead on future planned school construction expenditures, including both projects currently authorized and underway, and projects for which School Constructions Grants may be requested in the future.
    - a. LEAs reported that they expect to spend \$426 million on School Construction Grant projects in FY2023.
    - b. LEAs reported that they expect to spend \$559 million in FY2024.
      - i. Note that these numbers are expected to increase as more LEAs return surveys.
      - ii. Note that the Survey requested expected expenditures by the LEAs, not the amount to be reimbursed by the School Construction Grants.





## SCG-1050A. Districtwide questions

### SCG-1050A. Districtwide questions

|  | Yes | Perc |
|--|-----|------|
| 4 Is the required district-wide long-term school building program plan required under CGS Sec. 10-220 complete and up to date, does it project out at least five years and has it been approved by both the town and the school board as the official plan?  | 115 | 74%  |
| 5 Is the long-range building plan implementation on schedule with the necessary projects underway or imminent?   | 114 | 73%  |
| 6 Does the district have a written plan for the repair and replacement of equipment based on useful life and other appropriate factors, and is this plan most often followed in the fiscal planning of the board? The useful life and appropriate factors would generally be the manufacturers' recommendations on replacement or major repair, but can also be the industry averages on useful lifetimes. | 108 | 69%  |
| 7 Does the plan for the repair and replacement of equipment cover all major plant and operational equipment?   | 112 | 72%  |
| 8 Is the plan for the repair and replacement of equipment most often funded at a reasonable level? Funding is to be considered at a reasonable level if it is sufficient to provide for replacement and repairs within these useful life timetables.   | 102 | 65%  |
| 9 Does the district have a written building maintenance plan which includes general cleaning schedules, major cleaning schedules, service system maintenance schedules for all major building components including roofs, and which takes into account fiscal cycles and prioritizes activities to accommodate funding constraints?  | 116 | 74%  |
| 10 Is there reasonable funding in each annual board budget and town appropriation to provide for completion of all maintenance plans?  | 121 | 78%  |
| 11 Has the BOE adopted and implemented an IAQ program in accordance with CGS Sec. 10-220, with reasonable funding to sustain the program?  | 121 | 78%  |
| 12 Has sufficient funding to carry out the IAQ program been approved at each annual board budget and town appropriation?   | 103 | 66%  |
| 20 Has the district established a formal reporting/response procedure for IAQ issues?  | 117 | 75%  |
| 21 Are all facilities air conditioned?   | 49  | 31%  |
| 23 Does the district have a green cleaning program that includes the use of cleaning products approved by Department of Administrative Services (DAS), provides the green cleaning written statement to all staff, parents and guardians, and meets the statutory deadlines for fulfilling the requirements of the green cleaning program for all facilities in the district?                              | 147 | 94%  |
| 24 Have custodial/maintenance staff been trained in the proper use of cleaning products?   | 149 | 96%  |
| 25 Has the district established a school security and safety committee at each school?   | 144 | 92%  |
| 26 Has the district conducted a security and vulnerability assessment at each school?  | 147 | 94%  |
| 27 Has the district developed and implemented a school safety and security plan?   | 148 | 95%  |
| 28 Has the district given Department of Emergency Services and Public Protection (DESPP) their annual fire and crisis drill reports for each school?   | 145 | 93%  |



|   |     |     |
|---|-----|-----|
| 29 Has the district submitted its annual school safety and security plan to DESPP/DEMHS? (Question revised 4/6/2021.) | 131 | 84% |
|---|-----|-----|



## SCG-1050B Section A. School Overview

### A12 to A25 Grade Levels In School

| Grade levels   | Number | Percentage |
|----------------|--------|------------|
| Total Reported | 948    |            |
| PK             | 299    | 32%        |
| K              | 505    | 53%        |
| 1              | 509    | 54%        |
| 2              | 506    | 53%        |
| 3              | 505    | 53%        |
| 4              | 502    | 53%        |
| 5              | 462    | 49%        |
| 6              | 296    | 31%        |
| 7              | 254    | 27%        |
| 8              | 255    | 27%        |
| 9              | 200    | 21%        |
| 10             | 201    | 21%        |
| 11             | 201    | 21%        |
| 12             | 202    | 21%        |

### Internet Connectivity

| Row Labels                    | Count of A32 Internet Connectivity |
|-------------------------------|------------------------------------|
| 3 gig fiber CEN               | 609                                |
| Cable Modem                   | 6                                  |
| Dark Fiber Multi-Mesh Network | 152                                |
| DSL connection                | 1                                  |
| Optical network               | 45                                 |
| T1/DS1                        | 18                                 |
| T3/DS3                        | 5                                  |
| <b>Grand Total</b>            | <b>836</b>                         |



|   |         |
|---|---------|
| A27 Average Parking Spaces                    | 128.7   |
| A28 Average Accessible Parking Spaces         | 8.3     |
| A29 Average number of portable classrooms     | 0.3     |
| A30 Average net square footage                | 78,201  |
| A30 Average net square footage - Elementary   | 53,059  |
| A30 Average net square footage - Middle       | 89,086  |
| A30 Average net square footage - High         | 140,185 |
| A31 Average gross square footage              | 92,878  |
| A31 Average gross square footage - Elementary | 63,989  |
| A31 Average gross square footage - Middle     | 104,832 |
| A31 Average gross square footage - High       | 170,335 |

Some of the data reported under Question A29 was excluded because it appeared to be in error.



## SCG-1050B Section B. Location Detail, Part 1

In some instances, the LEAs elected to report the facility housing multiple schools as one school facility and in other instances the LEAs elected to issue a report for each individual school housed in a larger school facility.

Questions B1 and B2, respectively, asked for the structural type of the portion of the school facility that is of the largest and second largest square footage.

### Section B. Location Detail, Part 1

#### B1 Primary Location Structure

| Row Labels   | Count of B1 Primary Location Structure |
|--|--|
| Concrete Frame   | 61                                     |
| Concrete Shear Walls   | 5                                      |
| Other  | 59                                     |
| Reinforced Masonry Bearing Walls with Precast Concrete Diaphragm   | 142                                    |
| Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragm | 260                                    |
| Steel Frame  | 324                                    |
| Unreinforced Masonry Bearing Walls                                 | 14                                     |
| Wood, Commercial and Industrial                                    | 20                                     |
| <b>Grand Total</b>   | <b>885</b>                             |

#### B2 Secondary Location Structure

| Row Labels   | Count of B2 Secondary Location Structure |
|--|--|
| Concrete Frame   | 34                                       |
| Concrete Shear Walls   | 3  |
| Other  | 49                                       |
| Precast concrete frame buildings                                   | 2  |
| Reinforced Masonry Bearing Walls with Precast Concrete Diaphragm   | 61                                       |
| Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragm | 119                                      |
| Steel Frame  | 160                                      |
| Unreinforced Masonry Bearing Walls                                 | 15                                       |
| Wood, Commercial and Industrial                                    | 35                                       |
| <b>Grand Total</b>   | <b>478</b>                               |



## SCG-1050B Section B. Location Detail, Part 2

### Section B. Location Detail, Part 2

|  |              |     |
|--|--------------|-----|
| B3 Average roof sq ft  | 86,783       |     |
| B4 ADA compliant   | 791          | 83% |
| B5 Average replacement cost  | \$30,430,045 |     |
| B9 CO detectors installed?   | 775          | 82% |
| B10 Total fire suppression   | 677          | 71% |
| B11 Metered energy use   | 846          | 89% |
| B12 Average annual electricity usage in kWh/yr                     | 1,057,342    |     |
| B12 Total annual electricity usage in kWh/yr                       | 817,325,161  |     |
| B12 Number of schools reporting electricity usage                  | 773          | 82% |
| B13 Average annual natural gas usage in MCF                        | 311,406      |     |
| B13 Total annual natural gas usage in MCF                          | 181,238,527  |     |
| B13 Number of schools reporting natural gas usage                  | 582          | 61% |
| B14 Average annual heating oil usage in gallons                    | 94,532       |     |
| B14 Total annual heating oil usage in gallons                      | 17,772,064   |     |
| B14 Number of schools reporting heating oil usage                  | 188          | 20% |
| B15 Average other energy usage                                     | 976,389      |     |
| B15 Total other energy usage                                       | 71,276,370   |     |
| B15 Number of schools reporting other energy usage                 | 73           | 8%  |
| B16 Average output (in kW) of the generator(s) on the school site. | 5,633        |     |

Note: Average uses of different energy types reported, here, is the average of those reporting greater than zero use of that energy type. Likewise, average generator output is only of generators actually reported.



## SCG-1050B Section C. Basic Building Information

### Section C. Basic Building Information

|   |        |     |
|---|--------|-----|
| C1 Average square footage of original building                  | 80,877 |     |
| C2 Schools with extensions                                      | 526    | 55% |
| C2y1 Average number of extensions                               | 1.8    |     |
| C4 Schools containing district central offices                  | 139    | 15% |
| C5 Average acres of school site                                 | 15.8   |     |
| C6 School containing alternative high school or similar program | 86     | 9%  |
| C7 School containing community use spaces                       | 150    | 16% |

Note: Since some responses to questions C1 (square footage of original building), C2y1 (number of extensions), and C5 (site acreage responses) contained high values that distorted the overall results, those responses were excluded from the figures reported, here.



## SCG-1050B Section D. School Program Features

### Section D. School Program Features

|   |       |     |
|---|-------|-----|
| D1 School Readiness Program in school?                          | 160   | 17% |
| D2 School Readiness Program average sq ft                       | 3,236 |     |
| D3 Full- day Kindergarten program in school?                    | 394   | 42% |
| D4 Full- day Kindergarten program average sq ft                 | 3,379 |     |
| D5 Reduced Class Size program at school?                        | 14    | 1%  |
| D6 Reduced Class Size program average sq ft                     | 6,286 |     |
| D7 LEA have plans to change the grades served by this facility? | 24    | 3%  |
| D8 LEA have plans to close this school facility?                | 24    | 3%  |





## SCG-1050B Section E. Primary Building Features

### Section E. Primary Building Features

E1 to E38 Does this facility contain?

| Building Feature                              | Number of schools with | Perc |
|---|------------------------|------|
| E1 Art room(s)                                | 836                    | 88%  |
| E2 Auditorium                                 | 356                    | 38%  |
| E3 Black Box Theater                          | 54                     | 6%   |
| E4 Cafeteria                                  | 698                    | 74%  |
| E5 Computer lab                               | 576                    | 61%  |
| E6 Combined cafeteria/auditorium (cafetorium) | 264                    | 28%  |
| E7 Full service kitchen                       | 654                    | 69%  |
| E8 Warming kitchen only                       | 199                    | 21%  |
| E9 Culinary teaching kitchen                  | 160                    | 17%  |
| E10 Gymnasium                                 | 822                    | 87%  |
| E11 Auxiliary Gymnasium                       | 147                    | 16%  |
| E12 Swimming Pool                             | 54                     | 6%   |
| E13 Locker & Shower Rooms                     | 345                    | 36%  |
| E14 Music rooms (band/choral/etc.)            | 731                    | 77%  |
| E15 Band or Choral Practice Rooms             | 353                    | 37%  |
| E16 Media center / library                    | 825                    | 87%  |
| E17 Special Education spaces                  | 789                    | 83%  |
| E18 OT/PT rooms or spaces                     | 557                    | 59%  |
| E19 Pre-k classrooms or spaces                | 294                    | 31%  |
| E20 Language labs                             | 200                    | 21%  |
| E21 Shop spaces (Automotive)                  | 72                     | 8%   |
| E22 Shop spaces (Woodworking)                 | 181                    | 19%  |
| E23 Shop spaces (Metal)                       | 82                     | 9%   |
| E24 Shop spaces (Other)                       | 104                    | 11%  |

| Building Feature   | Number of schools with | Perc |
|--|------------------------|------|
| E25 Career or technical education office                     | 128                    | 14%  |
| E26 Career or Tech Ed Classrooms or Labs                     | 172                    | 18%  |
| E27 Health Program   | 254                    | 27%  |
| E29 Culinary Program   | 132                    | 14%  |
| E30 TV/radio studios   | 125                    | 13%  |
| E31 Makerspaces  | 162                    | 17%  |
| E32 Technology labs  | 229                    | 24%  |
| E33 Teen Pregnancy Prevention Program                        | 21                     | 2%   |
| E34 Day Care Facility  | 44                     | 5%   |
| E35 Pre-K  | 273                    | 29%  |
| E36 Community Health Program Space                           | 105                    | 11%  |
| E37 Concession space   | 79                     | 8%   |
| E38 Other Special Spaces                                     | 60                     | 6%   |
| E39 Playscapes   | 552                    | 58%  |
| E41 Artificial turf field                                    | 97                     | 10%  |
| E42 Athletic fields with permanent outdoor athletic lighting | 113                    | 12%  |

|   |     |     |
|---|-----|-----|
| E40 One or more ballfields/playfields                   | 577 | 61% |
| E40y1 Average number of ballfields (if present)         | 2.2 |     |
| E43 Are all facilities Title IX compliant? (Number yes) | 523 | 55% |



## SCG-1050B Section F. Primary Building Systems Information

### Section F. Primary Building Systems Information

F1 to F10 Does this facility contain?

| Building Feature   | Number of schools with | Perc |
|--|------------------------|------|
| F1 Central air conditioning (entire building)?   | 381                    | 40%  |
| F2 Central air conditioning (portions only)?   | 403                    | 43%  |
| F3 Individual window air conditioning (portions only)?   | 358                    | 38%  |
| F4 Room unit ventilators?  | 383                    | 40%  |
| F5 Adequate interior lighting according to locally applied standards?                                | 854                    | 90%  |
| F6 Adequate exterior lighting according to locally applied standards?                                | 842                    | 89%  |
| F7 Technology systems updated  | 607                    | 64%  |
| F8 Updated HVAC / high efficiency boilers - no older than the expected useful life of the equipment? | 505                    | 53%  |
| F9 Fully automatic fire suppression system (entire building)?  | 605                    | 64%  |
| F10 Updated telecommunications systems - no more than 5 years old?                                   | 553                    | 58%  |

|   |     |     |
|---|-----|-----|
| F11 Does the facility have a Building Management System?          | 746 | 79% |
| F12 Is a roofing warranty on file with the district and/or OSCGR? | 575 | 61% |

F12 to F20 Extent of the educational technology infrastructure in the facility

| Building Feature          | Number of schools with | Perc |
|---------------------------|------------------------|------|
| F13 Entire Facility       | 757                    | 80%  |
| F14 Student Support Areas | 265                    | 28%  |
| F15 Some Classrooms       | 135                    | 14%  |
| F16 All Classrooms        | 291                    | 31%  |
| F17 Media Center          | 304                    | 32%  |
| F18 Computer Labs         | 275                    | 29%  |
| F19 Auditorium            | 186                    | 20%  |
| F20 Cafeteria             | 251                    | 26%  |

|  |            |
|--|------------|
| F23 Total sq ft roof area > 20 years old   | 31,188,816 |
| F23 Average sq ft roof area > 20 years old | 32,900     |



## SCG-1050B. Section G. Indoor Air Quality (IAQ) Issues

### Section G. Indoor Air Quality (IAQ) Issues

|   | Yes | Perc |
|---|-----|------|
| G1 Has the local or regional BOE adopted and implemented an IAQ program at this facility? | 772 | 81%  |
| G2 Is there a uniform inspection and evaluation program for IAQ at this facility?         | 702 | 74%  |



## SCG-1050B Section H. Safety & Security

### H. Safety & Security

|  | Yes | Perc |
|--|-----|------|
| H1 Has the district established a School Safety & Security Plan as required by C.G.S. 10-222n?   | 896 | 95%  |
| H2 Has the district submitted a Safety & Security Plan to CT-DEMHS within the last year?   | 880 | 93%  |
| H3 Was the safety & security plan developed with involvement of local officials?   | 893 | 94%  |
| H4 Were school employees provided orientation on the safety & security plan?   | 878 | 93%  |
| H5 Has OSCG&R FORM SCG-9000 been submitted by the district within the last year?   | 627 | 66%  |
| H6 Has a Safety & Security committee been established for this facility?   | 883 | 93%  |
| H7 Has a uniform security and vulnerability assessment been performed at this facility?  | 865 | 91%  |
| H8 Has a safe school climate committee been established for this facility?   | 862 | 91%  |
| H9 Have crisis management procedures been developed for this facility?   | 880 | 93%  |
| H10 Do the management procedures have a command center structure and follow the recommendations of the federal National Incident Management System (NIMS)?   | 863 | 91%  |
| H11 Are procedures in place for managing other types of various emergencies using the “all hazards” approach?  | 877 | 93%  |
| H12 Has this facility completed the required no. of crisis and fire drills in the last school year?  | 879 | 93%  |
| H13 Is this facility in compliance with current SSIC recommendations? The facility is in compliance with SSIC recommendations if the district and the Safety & Security committee for the facility have reviewed the School Safety Criteria (Appendix A of the Report of the School Safety Infrastructure Council) and have determined that the facilities, equipment and procedures at the facility meet the Criteria, in accordance with the judgement of the appropriate local authorities. | 716 | 76%  |
| H14 Have school personnel received security infrastructure training within the last year?  | 722 | 76%  |
| H15 Has the building entrance been hardened to improve security since January 1, 2013?   | 703 | 74%  |
| H16 Does this facility have carbon monoxide (CO) detection installed?  | 682 | 72%  |

|  |   |            |
|--|---|------------|
| H17 Has a radon mitigation system been installed in this building? | 137                                     | 14%        |
| <b>Row Labels</b>  | <b>Count of H17y1 Passive or Active</b> |            |
| Active   |   | 97         |
| Passive  |   | 23         |
| <b>Grand Total</b>   |   | <b>120</b> |



## SCG-1050B Section I. Water System

### Section I. Water System

|  | Yes | Perc |
|--|-----|------|
| I1 Water system named as serving facility  | 879 | 93%  |
| I2 Does this site contain one or more water storage tank(s)? Yes:  | 142 | 15%  |
| I3 Is the water supply currently serving this facility adequate to meet the facility's needs? Yes:           | 859 | 91%  |
| I4 Has the water been checked regularly to ensure that is safe, I.e. no lead, no toxic chemicals, etc.? Yes: | 754 | 80%  |



## SCG-1050B Section J. Accessibility

### Section J. Accessibility

|   |   |             |
|---|---|-------------|
| J1 accessibility compliance review by CT-SDE within the last 5 years? Yes:  | 96  | 10%         |
|   | <b>Count of J1y1 Have the issues noted in the compliance review been successfully resolved?</b> |             |
| <b>Row Labels</b>   |   |             |
| No  |   | 11          |
| Yes   |   | 45          |
| <b>Grand Total</b>  |   | <b>56</b>   |
|   | <b>Yes</b>  | <b>Perc</b> |
| J2 Has this facility been subject to a code violation, including accessibility (CV) citation within the last 5 years? | 20  | 2%          |
| J3 Has this facility applied for or received a code violation (CV) grant within the last 5 years? Yes:                | 18  | 2%          |
| J4 Are the site elements and exterior spaces at this site fully ADA compliant? Yes:                                   | 492   | 52%         |
| J5 Are there any outstanding code violations for accessibility that have not been addressed? Yes:                     | 11  | 1%          |
| J6 If this facility contains playscapes, are the playscapes fully ADA-compliant? Yes:                                 | 349   | 37%         |

Are the following, if present, fully ADA-compliant?

|   | Yes | Perc |
|---|-----|------|
| J7 Ballfields                               | 343 | 80%  |
| J8 Viewing stands                           | 102 | 72%  |
| J9 Press boxes                              | 32  | 34%  |
| J10 Football/Soccer fields                  | 215 | 84%  |
| J11 Tennis courts                           | 108 | 82%  |
| J12 Running tracks                          | 113 | 86%  |
| J13 Other OAF (Outdoor Athletic Facilities) | 82  | 81%  |



## SCG-1050B Section K. Green Cleaning

### Section K. Green Cleaning

|   | Yes | Perc |
|---|-----|------|
| K1 BOE adopted or implemented a Green Cleaning Program at this facility?        | 911 | 96%  |
| K2 BOE have a written statement of the Green Cleaning Program at this facility? | 899 | 95%  |



## SCG-1050B Section L. Energy, Part 1

### Section L. Energy, Part 1

L1 Primary heating source

| Row Labels         | Count of L1 Primary heating source |
|--------------------|------------------------------------|
| Electricity        | 18                                 |
| Fuel oil           | 169                                |
| Hydronic           | 86                                 |
| Natural gas        | 542                                |
| Need list          | 1                                  |
| Other              | 30                                 |
| Steam              | 56                                 |
| <b>Grand Total</b> | <b>902</b>                         |

L3 Fuel source for heating system

| Row Labels         | Count of L3 Fuel source for heating system |
|--------------------|--|
| Electricity        | 16   |
| Fuel oil           | 187  |
| Natural gas        | 668  |
| Need list          | 1  |
| Other              | 19   |
| Steam              | 3  |
| <b>Grand Total</b> | <b>894</b>                                 |





## SCG-1050B Section L. Energy, Part 2

### Section L. Energy, Part 2

L4 Is a steam system or hot water system in use?

| Row Labels         | Count of L4 Is a steam system or hot water system in use |
|--------------------|--|
| Hot water          | 610  |
| Hydronic           | 74   |
| Neither or NA      | 62   |
| Steam              | 126  |
| <b>Grand Total</b> | <b>872</b>   |

L6 Are there any split unit air conditioners in use?

| Row Labels         | Count of L6 Are there any split unit air conditioners in us | percent |
|--------------------|---|---------|
| Yes                | 565   | 69%     |
| No                 | 253   | 31%     |
| <b>Grand Total</b> | <b>818</b>  |         |

L7 Are any window air conditioners in use?

| Row Labels         | Count of L7 Are any window air conditioners in use | percent |
|--------------------|--|---------|
| Yes                | 357  | 46%     |
| No                 | 416  | 54%     |
| <b>Grand Total</b> | <b>773</b>   |         |



## SCG-1050B Section L. Energy, Part 3 (photovoltaics, Part 1)

### Section L. Energy, Part 3 (photovoltaics, Part 1)

|   | Yes |
|---|-----|
| L8 Facility has a photo-voltaic array (P/V) | 249 |

L8y1 Year of installation of oldest photo-voltaic array

| Row Labels         | Count of L8y1 Year of installation of oldest photovoltaic array |
|--------------------|---|
| 1996               | 1   |
| 1998               | 3   |
| 2007               | 1   |
| 2008               | 3   |
| 2009               | 12  |
| 2010               | 9   |
| 2011               | 13  |
| 2012               | 9   |
| 2013               | 21  |
| 2014               | 17  |
| 2015               | 15  |
| 2016               | 18  |
| 2017               | 17  |
| 2018               | 27  |
| 2019               | 25  |
| 2020               | 25  |
| 2021               | 10  |
| <b>Grand Total</b> | <b>226</b>  |

|   |         |
|---|---------|
| L9 Average sq ft of PV array                  | 177     |
| L10 Average output of PV array (kWh per year) | 451,379 |

L12 Location of PV array

| Row Labels            | Count of L12 Where is the PV array located |
|-----------------------|--|
| Building roof mounted | 211  |
| Ground mounted        | 23   |
| other                 | 5  |
| <b>Grand Total</b>    | <b>239</b>                                 |



## SCG-1050B Section L. Energy, Part 4 (photovoltaics, Part 2)

### Section L. Energy, Part 4 (photovoltaics, Part 2)

L13 How are any PV panels fixed in place?

| Row Labels                  | Count of L13 If there is a PV rooftop array, how are the panels fixed in place? |
|-----------------------------|---|
| Ballasted                   | 135   |
| Clip attached to metal roof | 25  |
| Dunnage mounted             | 18  |
| Other                       | 31  |
| <b>Grand Total</b>          | <b>209</b>  |

L14 Who owns the PV array?

| Row Labels         | Count of L14 If there is a PV rooftop array, who owns the array? |
|--------------------|--|
| Lease              | 24   |
| Other              | 13   |
| PPA                | 89   |
| School district    | 41   |
| Town               | 41   |
| <b>Grand Total</b> | <b>208</b>   |



## SCG-1050B Section L. Energy, Part 5

### Section L. Energy, Part 5

|  | Yes | Perc |
|--|-----|------|
| L15 Does this facility have a generator?               | 383 | 40%  |
| L16 Site contains one or more underground oil tank(s)? | 265 | 28%  |
| L18 Is this facility currently served by natural gas?  | 640 | 68%  |

|   |               |
|---|---------------|
| L17 Average heating, lighting and other energy expenditures at school in the most recently completed fiscal year? | \$885,245     |
| L17 Statewide aggregate   | \$839,212,672 |

The L17 energy use aggregate shown here is dramatically higher than the aggregates of the annual N(a) estimates shown below. This will be the subject of further research.



## SCG-1050B Section M. Climate Change Readiness

### Section M. Climate Change Readiness

|   | Yes | Perc |
|---|-----|------|
| M1 Is the first floor of the school located 1-foot (min) above the 500 year base flood plain event on the SCG-5003, Flood Management Certification? | 537 |      |
| M2 Is any part of the site this facility is on in a 500 year flood plain?   | 75  | 8%   |
| M3 Is any part of the site this facility is on in a 100 year flood plain?   | 67  | 7%   |
| M4 Is any part of the site this facility is on in a coastal hazard area?  | 18  | 2%   |
| M5 Does this site contain wetlands?   | 197 | 21%  |

Note: A percent was not calculated yet for the response to the question on the first floor being above the 500 year flood plain (see Question M1) because the question was specifically related to the form SCG-5003, and the true denominator for the percent calculation is most likely the number of schools that were required to complete form SCG-5003 for actual School Construction Grant-funded projects. That figure is subject to pending research.



### SCG-1050B Section N. Cost Estimates

Question N(a): “What is the expected heating, lighting and other energy expenditures at this school for each year?” (Sum of data all LEAs reported.)

| Sum of<br>NA_FY2022 | Sum of<br>NA_FY2023 | Sum of<br>NA_FY2024 | Sum of<br>NA_FY2025 | Sum of<br>NA_FY2026 |
|---------------------|---------------------|---------------------|---------------------|---------------------|
| \$148,474,042       | \$162,307,932       | \$147,114,188       | \$152,362,787       | \$35,030,712        |

Question N(b): “From the district five year plan, provide the planned preventive maintenance, including equipment replacement, at this school for this year.” (Sum of data all LEAs reported.)

| Sum of<br>NB_FY2022 | Sum of<br>NB_FY2023 | Sum of<br>NB_FY2024 | Sum of<br>NB_FY2025 | Sum of<br>NB_FY2026 |
|---------------------|---------------------|---------------------|---------------------|---------------------|
| \$170,835,581       | \$152,036,833       | \$123,853,407       | \$109,408,943       | \$28,459,234        |

While it is now for a past fiscal year, and therefore no longer useful for look-ahead estimation, it is worth noting that the FY2021 reported value was considerably higher than any of the others.

| Sum of<br>NB_FY2021 |
|---------------------|
| \$361,642,767       |

Question N(c): “From the district five year plan, provide the expenditures planned on school construction projects for which a School Construction Grant application has been or may be submitted to OSCGR for this school.” (Sum of data all LEAs reported.) For this question, as well as question N(b), LEAs were asked to use data from what should already be their long-term capital plan, and, as in the case of question N(a), similar out year projections. Therefore, in asking for five years of look-ahead, there could not be an expectation as to which five years they would use. This will inherently create a bell-curve effect in the aggregate data, with the middle years more likely to be complete. So far, for question N(c), only the FY 2024 and FY2025 figures appear close to complete. Note that this data is total project costs, not necessarily School Construction Grant reimbursable costs, and the data includes both grant-approved projects, as well as those for which a grant has not been submitted as of yet.

| Sum of<br>NC_FY2022 | Sum of<br>NC_FY2023 | Sum of<br>NC_FY2024 | Sum of<br>NC_FY2025 | Sum of<br>NC_FY2026 |
|---------------------|---------------------|---------------------|---------------------|---------------------|
| \$258,270,441       | \$425,819,537       | \$558,738,601       | \$254,542,032       | \$41,841,877        |



## SCG-1050C. Vacant school facilities

A supplementary survey was added to the School Facilities Survey, the SCG-1050C, Vacant School Inventory Survey, in an effort to obtain an inventory of former public school facilities in the state that are in existence and had not already been converted to a non-school use.

LEAs and cities/towns were asked to report on these facilities, provide some basic information about them and their status, and assess their current condition in the following categories:

- Excellent - potentially usable again as a school with little improvements required.
- Good- potentially usable again as a school with some (<\$1 million) improvements required.
- Poor - would require substantial (>\$1 million) improvements to be usable again as a school.
- Unusable - in extremely poor condition.

Note that the data reported here is only of LEA/cities/towns that actually reported that they did have vacant school facilities.

| City/Town/LEA  | School name                    | Address         | City/Town where school facility is located | Grade levels taught at school facility. | Net square ft | What is the general condition of the facility?   | Minimally heated and maintained? | Future plans for facility?                        |
|----------------|--------------------------------|-----------------|--|---|---------------|--|----------------------------------|---|
| 027 CLINTON    | Abraham Pierson School         | 75 E. Main St.  | Clinton                                    | 4;5;                                    | 23,805        | Good- potentially usable again as a school with some (<\$1 million) improvements required.   | Yes                              | Town Council to determine;                        |
| 049 ENFIELD    | Nathan Hale School             | 5 Taylor Road   | Enfield                                    | 1;2;K;                                  | 40,000        | Poor - would require substantial (>\$1 million) improvements to be usable again as a school. | No                               | DPW maintains facility not our role to plan use.; |
| 056 GRANBY     | Frank M. Kearns Primary School | 5 Canton Road   | Granby                                     | 1;2;PK;K;                               | 43,094        | Good- potentially usable again as a school with some (<\$1 million) improvements required.   | Yes                              | Sale.;  |
| 056 GRANBY     | Frank M. Kearns Primary School | 5 Canton Road   | Granby, CT 06035                           | 1;2;PK;K;                               | 19,850        | Poor - would require substantial (>\$1 million) improvements to be usable again as a school. | Yes                              | Sale.;  |
| 076 MADISON    | Academy School                 | 4 School Street | Madison                                    | 1;2;3;4;                                | 41,125        | Poor - would require substantial (>\$1 million) improvements to be usable again as a school. | No                               | Plans are still being developed;                  |
| 076 MADISON    | Island Avenue School           | 20 Island Ave   | Madison                                    | 1;2;3;4;                                |               | Good- potentially usable again as a school with some (<\$1 million) improvements required.   | Yes                              | Use as a school.;                                 |
| 077 MANCHESTER | Washington Elementary          | 94 Cedar Street | Manchester                                 | 1;2;3;4;K;                              | 37,733        | Poor - would require substantial (>\$1 million) improvements to be usable again as a school. | Yes                              | Under study by building re-use committee;         |



Department of Administrative Service

| City/Town/LEA              | School name   | Address                                  | City/Town where school facility is located | Grade levels taught at school facility. | Net square ft | What is the general condition of the facility?   | Minimally heated and maintained? | Future plans for facility?  |
|----------------------------|---|--|--|---|---------------|--|----------------------------------|---|
| 077<br>MANCHESTER          | Nathan Hale Elementary  | 160 Spruce Street                        | Manchester                                 | 1;2;3;4;5;K;                            | 54,800        | Poor - would require substantial (>\$1 million) improvements to be usable again as a school. | Yes                              | Under investigation by re-use committee;  |
| 085<br>MONROE              | Chalk Hill  | 375 Fan Hill Rd                          | Monroe                                     | 5;6;7;8;                                | 92,000        | Poor - would require substantial (>\$1 million) improvements to be usable again as a school. | No                               | No current plans.;  |
| 102<br>NORTH<br>STONINGTON | Former Wheeler Middle/High School also used temporarily by the North Stonington Elementary School | 298 Norwich-Westerly Rd                  | North Stonington                           | 1;2;3;4;5;6;7;8;9;10;11;12;PK;K;        | 68,000        | Poor - would require substantial (>\$1 million) improvements to be usable again as a school. | Yes                              | The property was turned over to the town. The deed states it is for education only.;  |
| 109<br>PLAINFIELD          | Previous Plainfield High School Building  | 105 Putnam Rd, Central Village, CT 06332 | Plainfield                                 | 9;10;11;12;                             | NA            | Poor - would require substantial (>\$1 million) improvements to be usable again as a school. | No                               | Demolition;   |
| 132<br>SOUTH<br>WINDSOR    | Currently referenced as: Old Orchard Hill Elementary School                                       | 350 Foster Street                        | South Windsor                              | 1;2;3;4;5;K;                            | 50,266        | Good- potentially usable again as a school with some (<\$1 million) improvements required.   | Yes                              | South Windsor enrollment is currently the fastest growing in the State. Although the district does not have specific plans for this building yet, it may need to be repurposed in the future to support enrollment growth.; |
| 134<br>STAFFORD            | Staffordville School  | 21 Lyons Road                            | Stafford Springs                           | 1;PK;K;                                 |               | Poor - would require substantial (>\$1 million) improvements to be usable again as a school. | Yes                              | Municipal Offices;  |
| 137<br>STONINGTON          | Old Mystic Elementary School  | 49 North Stonington Road                 | Mystic, Connecticut 06355                  | 1;2;3;PK;K;                             | 10,000        | Poor - would require substantial (>\$1 million) improvements to be usable again as a school. | Yes                              | The town of Stonington has taken ownership of the building;   |
| 163<br>WINDHAM             | Kramer Building   | 322 Prospect Street                      | Willimantic CT                             | PK;                                     |               | Unusable - in extremely poor condition.  | No                               | Sale.;  |





Department of Administrative Service

| City/Town/LE<br>A      | School name                                   | Address                    | City/Town<br>where<br>school<br>facility is<br>located | Grade<br>levels<br>taught at<br>school<br>facility. | Net square ft | What is the general<br>condition of the facility?   | Minimally<br>heated and<br>maintained? | Future plans<br>for facility?   |
|------------------------|---|----------------------------|--|---|---------------|---|--|---|
| 164 WINDSOR            | Roger<br>Wolcott Early<br>Childhood<br>Center | 57 East<br>Wolcott<br>Ave. | Windsor CT   | PK;   |               | Poor - would require<br>substantial (>\$1 million)<br>improvements to be usable<br>again as a school. | Yes                                    | Sale; Possibly<br>being sold to<br>CREC by the<br>Town of<br>Windsor; |
| 213 District No.<br>13 | Frances E.<br>Korn<br>Elementary<br>School    | 144 Pickett<br>Lane        | Durham   | 3;4;5;  | 31,274        | Poor - would require<br>substantial (>\$1 million)<br>improvements to be usable<br>again as a school. | No                                     | Sale.;  |



## SCG-1050D. Supplemental air quality and other questions

|   | Yes | Perc |
|---|-----|------|
| 4 Is the required district-wide long-term school building program plan required under CGS Sec. 10-220 complete and up to date, projected out at least five years, and approved by both the town and the school board as the official plan?  | 94  | 72%  |
| 5 Is the long-range building plan implementation on schedule with the necessary projects underway or imminent?  | 92  | 71%  |
| 6 Does the district have a written plan for the repair and replacement of equipment based on useful life and other appropriate factors, and is this plan followed in the fiscal planning of the board? (The useful life and appropriate factors would generally be the manufacturers' recommendations on maintenance, cleaning, replacement, or major repair, but can also be the industry averages on useful lifetimes.) | 94  | 72%  |
| 7 Does the BOE or school district have an established contract or routinely hire an outside expert, such as a mechanical engineer, or licensed mechanical HVAC contractor, to inspect and commission mechanical systems in all district schools and provide comprehensive, written recommendations for system maintenance and performance improvement?  | 103 | 79%  |
| 8 Does the plan for the repair and replacement of equipment cover all major plant and operational equipment?  | 95  | 73%  |
| 9 Is the plan for the repair and replacement of equipment most often funded at a reasonable level? (Funding is to be considered at a reasonable level if it is sufficient to provide for replacement and repairs within these useful life timetables.)  | 91  | 70%  |
| 10 Does the district have a written building maintenance plan which includes general cleaning schedules, major cleaning schedules, service system maintenance schedules for all major building components including roofs and HVAC systems and which includes fiscal cycles and prioritizes activities to accommodate funding constraints?  | 96  | 74%  |
| 11 Is there reasonable funding in each annual board budget and town appropriation to provide for completion of all maintenance plans?   | 93  | 72%  |
| 12 Has the BOE adopted and implemented an IAQ (Indoor Air Quality) program in accordance with CGS Sec. 10-220, with reasonable funding to sustain the program?  | 96  | 74%  |
| 13 Has sufficient funding to carry out the IAQ program been approved at each annual board budget and town appropriation?  | 81  | 62%  |
| 14 Has the district planned and funded regular HVAC balancing and or commissioning of the HVAC systems?   | 66  | 51%  |
| 15 Does the district have an Integrated Pest Management plan, consistent with an applicable model plan provided by the CT Department of Energy and Environmental Protection (DEEP)?   | 117 | 90%  |
| 16 Has the Board satisfied the annual notification responsibilities for districts with or without Integrated Pest Management plans, as outlined in CGS § 10-231(c-d)?   | 113 | 87%  |



|  | Yes        | Perc |
|--|------------|------|
| 17 Has the district established a staff IAQ coordinator position?  | 60         | 46%  |
| 18 Is the staff IAQ coordinator a separately paid position?  | 2          | 2%   |
| 19 Has the district established a formal reporting/response procedure for IAQ issues?  | 81         | 62%  |
| 20 Does the reporting procedure include a mechanism for students and/or parents to report IAQ issues?  | 50         | 38%  |
| 21 Is classroom air conditioning provided in all district schools?   | 43         | 33%  |
| 22 Does the district have a green cleaning program that includes the use of cleaning products approved by Department of Administrative Services (DAS)? | 124        | 95%  |
| 23 Does custodial/maintenance staff receive initial and annual refresher training in the proper use of cleaning products?                              | 117        | 90%  |
| 24 Has the district established a school security and safety committee at each school?   | 125        | 96%  |
| 25 Has the district conducted a security and vulnerability assessment at each school?  | 125        | 96%  |
| 26 Has the district developed and implemented a school safety and security plan?   | 126        | 97%  |
| 27 Has the district given Department of Emergency Services and Public Protection (DESPP) their annual fire and crisis drill reports for each school?   | 125        | 96%  |
| 28 Has the district submitted its annual school safety and security plan to DESPP/DEMHS?   | 118        | 91%  |
| <b>Total Responded</b>   | <b>132</b> |      |



## Appendix A. Questions Asked in SCG-1050A

### SCG-1050A - School Facilities Districtwide Survey

|   |                                 |
|---|---------------------------------|
| 1 | Select "SCG-1050" for your LEA. |
|   | Unique response identifier.     |
| 2 | Form Status                     |

|   |                |
|---|----------------|
| 3 | RESC member of |
|---|----------------|

|   |  |
|---|--|
| 4 | Is the required district-wide long-term school building program plan required under CGS Sec. 10-220 complete and up to date, does it project out at least five years and has it been approved by both the town and the school board as the official plan?  |
| 5 | Is the long-range building plan implementation on schedule with the necessary projects underway or imminent?   |
| 6 | Does the district have a written plan for the repair and replacement of equipment based on useful life and other appropriate factors, and is this plan most often followed in the fiscal planning of the board? The useful life and appropriate factors would generally be the manufacturers' recommendations on replacement or major repair, but can also be the industry averages on useful lifetimes. |
| 7 | Does the plan for the repair and replacement of equipment cover all major plant and operational equipment?   |
| 8 | Is the plan for the repair and replacement of equipment most often funded at a reasonable level? Funding is to be considered at a reasonable level if it is sufficient to provide for replacement and repairs within these useful life timetables.   |



|          |  |
|----------|--|
| 9        | Does the district have a written building maintenance plan which includes general cleaning schedules, major cleaning schedules, service system maintenance schedules for all major building components including roofs, and which takes into account fiscal cycles and prioritizes activities to accommodate funding constraints?  |
| 10       | Is there reasonable funding in each annual board budget and town appropriation to provide for completion of all maintenance plans?   |
| 11       | Has the BOE adopted and implemented an IAQ program in accordance with CGS Sec. 10-220, with reasonable funding to sustain the program?   |
| 12       | Has sufficient funding to carry out the IAQ program been approved at each annual board budget and town appropriation?  |
| 13 to 16 | Reserved for future use.   |
| 19       | Has the district established a staff IAQ coordinator position?   |
| 20       | Has the district established a formal reporting/response procedure for IAQ issues?   |
| 21       | Are all facilities air conditioned?  |
| 22       | Reserved for future use.   |
| 23       | Does the district have a green cleaning program that includes the use of cleaning products approved by Department of Administrative Services (DAS), provides the green cleaning written statement to all staff, parents and guardians, and meets the statutory deadlines for fulfilling the requirements of the green cleaning program for all facilities in the district? |
| 24       | Have custodial/maintenance staff been trained in the proper use of cleaning products?  |
| 25       | Has the district established a school security and safety committee at each school?  |
| 26       | Has the district conducted a security and vulnerability assessment at each school?   |
| 27       | Has the district developed and implemented a school safety and security plan?  |
| 28       | Has the district given Department of Emergency Services and Public Protection (DESPP) their annual fire and crisis drill reports for each school?  |
| 29       | Has the district submitted its annual school safety and security plan to DESPP/DEMHS? (Question revised 4/6/2021.)   |



|         |  |
|---------|--|
|         |  |
| Attach: | Your current five year strategic plan.           |
| Attach: | Your current five year strategic plan.           |
|         |  |
|         | Name of most recent person to update this form   |
|         | Title of most recent person to update this form  |
|         | E-mail of most recent person to update this form |
|         | Date of most recent update                       |



## Appendix B. Questions Asked in SCG-1050B

### SCG-1050B - School Facilities Individual School Survey

#### A. School Overview

|    |                                 |
|----|---------------------------------|
| A1 | Select "SCG-1050" for your LEA. |
|    | Unique response identifier.     |
| A2 | Form Status.                    |

|     |                                 |
|-----|---------------------------------|
| A3  | What is the name of the school: |
| A3a | School Code                     |

|     |   |
|-----|---|
| A4  | School Street Address                             |
| A5  | City  |
| A6  | State   |
| A7  | Zip Code  |
| A8  | School Phone                                      |
| A9  | Latitude  |
| A10 | Longitude   |
| A11 | Is the school currently in active use by the LEA? |
|     |   |
|     | Check the grade levels served by this school:     |
| A12 | PK  |



|     |                               |      |
|-----|-------------------------------|------|
| A13 |                               | K    |
| A14 |                               | 1st  |
| A15 |                               | 2nd  |
| A16 |                               | 3rd  |
| A17 |                               | 4th  |
| A18 |                               | 5th  |
| A19 |                               | 6th  |
| A20 |                               | 7th  |
| A21 |                               | 8th  |
| A22 |                               | 9th  |
| A23 |                               | 10th |
| A24 |                               | 11th |
| A25 |                               | 12th |
|     |                               |      |
| A26 | Current Capacity              |      |
| A27 | General Parking Spaces        |      |
| A28 | Accessible Parking Spaces     |      |
| A29 | Number of portable classrooms |      |
| A30 | Net Square Footage            |      |
| A31 | Gross Square Footage          |      |
| A32 | Internet Connectivity         |      |
| A33 | Year opened                   |      |

**B. Location Detail**





|          |   |
|----------|---|
| B1       | Primary Location Structure. Select the structural type of the portion of the facility that is of the largest square footage.  |
| B2       | Secondary Location Structure. Select the structural type of the portion of the facility that is of the second largest square footage.   |
| B3       | What is the total roof area?  |
| B4       | Is the school ADA compliant?  |
| B5       | What is the replacement cost of the school?   |
| B6 to B8 | Reserved for later use.   |
| B9       | Are CO detectors installed and in use, in accordance with relevant standards?   |
| B10      | Is automatic fire suppression installed and in use in the entire school facility, in accordance with current fire codes, as confirmed by the fire marshal with jurisdiction over the school? (question revised 4/27/2021) |
| B11      | Is energy use metered at the school?  |
| B12      | Enter the annual electricity usage in kWh/yr. Please use typical usage, especially if years affected by COVID-19 were anomalously low. (question revised 3/26/2021)   |
| B13      | Enter the annual natural gas usage in MCF. Please use typical usage, especially if years affected by COVID-19 were anomalously low. (question revised 3/26/2021)  |
| B14      | Enter the annual heating oil usage in gallons. Please use typical usage, especially if years affected by COVID-19 were anomalously low. (question revised 3/26/2021).   |
| B15      | Enter other energy usage. Please use typical usage, especially if years affected by COVID-19 were anomalously lows. (question revised 3/26/2021).   |
| B16      | What is the output (in kW) of the generator(s) on the school site.  |

**C. Basic Building Information**

|    |  |  |
|----|--|--|
| C1 | Approximate square footage of original building          |  |
| C2 | Have there been extensions (additions) on this building? |  |
|    |  | <u>If you answered yes to question C2:</u> |



|    |   |      |  |
|----|---|------|--|
|    |   | C2y1 | Number of extensions (additions) on this building:   |
|    |   | C2y2 | Approximate date(s) and square footage of extensions - enter all dates and square footages of each here: |
| C3 | Approximate dates of any major renovations. Please enter all of the relevant dates in this field.   |      |  |
| C4 | Does this facility contain a Central Office component (District BOE)?   |      |  |
| C5 | What is the approximate size of the site (in acres) of this school or facility? If the school is located on a larger parcel with more than one school, please make an approximation of the acreage considered a part of each school, and include those figures in each different school's School Survey.  |      |  |
| C6 | Does this facility contain an alternative high school or similar program?   |      |  |
| C7 | Does the facility contain any Community Use spaces? Community use space is space in a school that is used by the general public during school hours. It does not refer to community use of school space after school hours. School based health or dental clinics that are only for students are also not community use. (question revised 4/29/2021) |      |  |

**D. School Program Features**

|    |  |  |
|----|--|--|
| D1 | Does this facility have a School Readiness Program?  |  |
| D2 | What is the estimated square footage included in this facility for a school readiness program? |  |
| D3 | Does the facility have a Full- day Kindergarten program (C.G.S. Section 10-285a(h))?           |  |



|    |   |  |
|----|---|--|
| D4 | What is the approximate square footage of area used primarily for Full-day Kindergarten?          |  |
| D5 | Does the facility have a Reduced Class Size program (C.G.S. Section 10-285a(h))?                  |  |
| D6 | What is the approximate square footage of area used primarily for the Reduced Class Size program? |  |
| D7 | Does the LEA have plans to change the grades served by this facility?                             |  |
|    | D7y1  | Which grades were added or removed?          |
| D8 | Does the LEA have plans to close this school facility?  |  |
|    | D8y1  | What is the current planned year of closure? |

**E. Primary Building Features**

|     |  |  |
|-----|--|--|
|     | Does this facility contain the following building features? (check as many as apply) |  |
| E1  | Art room(s)  |  |
| E2  | Auditorium   |  |
| E3  | Black Box Theater  |  |
| E4  | Cafeteria  |  |
| E5  | Computer lab   |  |
| E6  | Combined cafeteria/auditorium (cafetorium)   |  |
| E7  | Full service kitchen   |  |
| E8  | Warming kitchen only   |  |
| E9  | Culinary teaching kitchen  |  |
| E10 | Gymnasium  |  |



|     |   |  |
|-----|---|--|
| E11 | Auxiliary Gymnasium   |  |
| E12 | Swimming Pool   |  |
| E13 | Locker & Shower Rooms   |  |
| E14 | Music rooms (band/choral/etc.)  |  |
| E15 | Band or Choral Practice Rooms   |  |
| E16 | Media center / library  |  |
| E17 | Special Education spaces  |  |
| E18 | OT/PT rooms or spaces   |  |
| E19 | Pre-k classrooms or spaces  |  |
| E20 | Language labs   |  |
| E21 | Shop spaces (Automotive)  |  |
| E22 | Shop spaces (Woodworking)   |  |
| E23 | Shop spaces (Metal)   |  |
| E24 | Shop spaces (Other)   |  |
| E25 | Career or technical education office  |  |
| E26 | Career or Tech Ed Classrooms or Labs  |  |
| E27 | Health Program  |  |
| E29 | Culinary Program  |  |
| E30 | TV/radio studios  |  |
| E31 | Makerspaces   |  |
| E32 | Technology labs, for programs related to high technology, such as computers, robotics, engineering, etc. (question revised 3/26/2021) |  |
| E33 | Teen Pregnancy Prevention Program   |  |



|     |   |                                  |
|-----|---|----------------------------------|
| E34 | Day Care Facility   |                                  |
| E35 | Pre-K   |                                  |
| E36 | Community Health Program Space  |                                  |
| E37 | Concession space  |                                  |
| E38 | Other Special Spaces  |                                  |
|     |   |                                  |
| E39 | Does this site contain one or more playscapes?                          |                                  |
|     | If question E39 is answered "yes":                                      |                                  |
|     | E39y1   | What ages served?                |
| E40 | Does this site contain one or more ballfields/playfields?               |                                  |
|     | If question E40 is answered "yes":                                      |                                  |
|     | E40y1   | Number of ballfields/playfields? |
| E41 | Does this site have an artificial turf field?                           |                                  |
| E42 | Are there any athletic fields with permanent outdoor athletic lighting? |                                  |
| E43 | Are all facilities Title IX compliant?                                  |                                  |

**F. Primary Building Systems Information**

|    |   |
|----|---|
|    | Does this facility contain the following building features: |
| F1 | Central air conditioning (entire building)?                 |
| F2 | Central air conditioning (portions only)?                   |
| F3 | Individual window air conditioning (portions only)?         |
| F4 | Room unit ventilators?                                      |



|     |   |
|-----|---|
| F5  | Adequate interior lighting according to locally applied standards?  |
| F6  | Adequate exterior lighting according to locally applied standards?  |
| F7  | Technology systems updated - no more than 5 years old? This question only relates to technology in the building systems, themselves. (question revised 3/26/2021) |
| F8  | Updated HVAC / high efficiency boilers - no older than the expected useful life of the equipment?   |
| F9  | Fully automatic fire suppression system (entire building)?  |
| F10 | Updated telecommunications systems - no more than 5 years old?  |
|     |   |
| F11 | Does the facility have a Building Management System?  |
| F12 | Is a roofing warranty on file with the district and/or OSCGR?   |
|     |   |
|     | Indicate the extent of the educational technology infrastructure in the facility. (Select all that apply)   |
| F13 | Entire Facility   |
| F14 | Student Support Areas   |
| F15 | Some Classrooms   |
| F16 | All Classrooms  |
| F17 | Media Center  |
| F18 | Computer Labs   |
| F19 | Auditorium  |
| F20 | Cafeteria   |
|     |   |
| F21 | If this facility does not address the needs of the educational technology, explain why not.   |
| F22 | List the total square footage of roof areas by roofing type:  |



|     |   |
|-----|---|
| F23 | What is the square footage of this facility's roof area that is more than 20 years old as of this report? |
|-----|---|

**G. Indoor Air Quality (IAQ) Issues**

|    |  |
|----|--|
| G1 | Has the local or regional BOE adopted and implemented an IAQ program at this facility? |
| G2 | Is there a uniform inspection and evaluation program for IAQ at this facility?         |

**H. Safety & Security**

|     |  |  |
|-----|--|--|
| H1  | Has the district established a School Safety & Security Plan as required by C.G.S. 10-222n?  |  |
| H2  | Has the district submitted a Safety & Security Plan to CT-DEMHS within the last year?  |  |
| H3  | Was the safety & security plan developed with involvement of local officials?  |  |
| H4  | Were school employees provided orientation on the safety & security plan?  |  |
| H5  | Has OSG&R FORM SCG-9000 been submitted by the district within the last year?   |  |
| H6  | Has a Safety & Security committee been established for this facility?  |  |
| H7  | Has a uniform security and vulnerability assessment been performed at this facility?   |  |
| H8  | Has a safe school climate committee been established for this facility?  |  |
| H9  | Have crisis management procedures been developed for this facility?  |  |
| H10 | Do the management procedures have a command center structure and follow the recommendations of the federal National Incident Management System (NIMS)? |  |
| H11 | Are procedures in place for managing other types of various emergencies using the "all hazards" approach.?   |  |
| H12 | Has this facility completed the required no. of crisis and fire drills in the last school year?  |  |



|     |  |                    |
|-----|--|--------------------|
| H13 | Is this facility in compliance with current SSIC recommendations? The facility is in compliance with SSIC recommendations if the district and the Safety & Security committee for the facility have reviewed the School Safety Criteria (Appendix A of the Report of the School Safety Infrastructure Council) and have determined that the facilities, equipment and procedures at the facility meet the Criteria, in accordance with the judgement of the appropriate local authorities. |                    |
| H14 | Have school personnel received security infrastructure training within the last year?  |                    |
| H15 | Has the building entrance been hardened to improve security since January 1, 2013?   |                    |
| H16 | Does this facility have carbon monoxide (CO) detection installed?  |                    |
| H17 | Has a radon mitigation system been installed in this building?   |                    |
|     | <u>If this question is answered "yes":</u>   |                    |
|     | H17y1  | Passive or Active? |

**I. Water System**

|    |  |  |
|----|--|--|
| I1 | What is the name of the Water System company serving the facility?<br>If not served by a water system, what is the source potable water? |  |
|    | <u>If this question is answered "yes":</u>   |  |
|    | I1y1   | Has the water been tested within the last 3 years?                 |
|    | <u>If this question is answered "no":</u>  |  |
|    | I1n1   | What is the name of the Water System company serving the facility? |
|    |  |  |





|    |  |  |
|----|--|--|
| I2 | Does this site contain one or more water storage tank(s)?  |  |
|    | <u>If this question is answered "yes":</u>   |  |
|    | I2y1   |  |
| I3 | Is the water supply currently serving this facility adequate to meet the facility's needs? This applies both to the quality and quantity of water. Only answer "yes" if the district can do so from evaluation of both quality and quantity of water done in accordance with applicable standards. |  |
| I4 | Has the water been checked regularly to ensure that is safe, I.e. no lead, no toxic chemicals, etc.?   |  |

**J. Accessibility**

|    |  |  |
|----|--|--|
| J1 | Has this facility had an accessibility compliance review by CT-SDE within the last 5 years?  |  |
|    | <u>If this question is answered "yes":</u>   |  |
|    | J1y1   | Have the issues noted in the compliance review been successfully resolved? |
| J2 | Has this facility been subject to a code violation, including accessibility (CV) citation within the last 5 years?   |  |
| J3 | Has this facility applied for or received a code violation (CV) grant within the last 5 years?   |  |
| J4 | Are the site elements and exterior spaces at this site fully ADA compliant? "Exterior spaces" refers to outside of the building envelope. (question revised 3/26/2021) |  |
| J5 | Are there any outstanding code violations for accessibility that have not been addressed?  |  |
| J6 | If this facility contains playscapes, are the playscapes fully ADA-compliant?  |  |



|     |   |  |
|-----|---|--|
|     | Are the following, if present, fully ADA-compliant? |  |
| J7  | Ballfields  |  |
| J8  | Viewing stands                                      |  |
| J9  | Press boxes   |  |
| J10 | Football/Soccer fields                              |  |
| J11 | Tennis courts                                       |  |
| J12 | Running tracks                                      |  |
| J13 | Other OAF (Outdoor Athletic Facilities)             |  |

**K. Green Cleaning**

|    |   |  |
|----|---|--|
| K1 | Has the BOE adopted or implemented a Green Cleaning Program at this facility?         |  |
| K2 | Does the BOE have a written statement of the Green Cleaning Program at this facility? |  |

**L. Energy**

|    |  |  |
|----|--|--|
| L1 | Primary heating source                               |  |
| L2 | Type of HVAC system?                                 |  |
| L3 | Fuel source for heating system?                      |  |
| L4 | Is a steam system or hot water system in use?        |  |
| L5 | What is the approximate age of the boilers?          |  |
| L6 | Are there any split unit air conditioners in use?    |  |
| L7 | Are any window air conditioners in use?              |  |
| L8 | Does this facility have a photo-voltaic array (P/V)? |  |
|    | <u>If this question is answered "yes":</u>           |  |



|     |  |       |  |
|-----|--|-------|--|
|     |  | L8y1  | Year of installation of oldest photo-voltaic array |
| L9  | What is the square footage of the panels in that array?  |       |  |
| L10 | What is the output of the array? (kWh per year)  |       |  |
| L11 | What year was the array installed?   |       |  |
| L12 | Where is the PV array located?   |       |  |
| L13 | If there is a PV rooftop array, how are the panels fixed in place?   |       |  |
| L14 | If there is a PV rooftop array, who owns the panel system?   |       |  |
| L15 | Does this facility have a generator?   |       |  |
|     | <u>If this question is answered "yes":</u>   |       |  |
|     |  | L15y1 | What is the fuel source of the generator?          |
| L16 | Does this site contain one or more underground oil tank(s)?  |       |  |
|     | <u>If this question is answered "yes":</u>   |       |  |
|     |  | L16y1 | Age of oldest underground oil tank (years):        |
| L17 | What were the heating, lighting and other energy expenditures at this school in the most recently completed fiscal year? |       |  |
| L18 | Is this facility currently served by natural gas?  |       |  |
|     |  |       |  |

**M. Climate Change Readiness**



|    |  |
|----|--|
| M1 | Is the first floor of the school located 1-foot (min) above the 500 year base flood plain event on the SCG-5003, Flood Management Certification? |
| M2 | Is any part of the site this facility is on in a 500 year flood plain?   |
| M3 | Is any part of the site this facility is on in a 100 year flood plain?   |
| M4 | Is any part of the site this facility is on in a coastal hazard area?  |
| M5 | Does this site contain wetlands?   |

**N. Cost Estimates**

|      |   |        |        |        |        |        |
|------|---|--------|--------|--------|--------|--------|
| N(a) | What is the expected heating, lighting and other energy expenditures at this school for each year? Base this on past experience, accounting for anticipated rising costs.   |        |        |        |        |        |
|      | What is the fiscal year of year 1 of these estimates? Enter the four-digit year of the fiscal year to which year 1 of your estimates applies. Year 2 will then be for the fiscal year after Year 1, and so on.  |        |        |        |        |        |
|      |   |        |        |        |        |        |
|      |   | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
|      |   |        |        |        |        |        |
| N(b) | From the district five year plan, provide the planned preventive maintenance at this school for this year. Estimates should be based on what is actually planned or based on the past experience of what is allocated by the Board of Education and municipality. If this is not currently in your five year plan, please add an addendum to the copy of your five year plan that you upload, noting the cost of the preventive maintenance planned for each school during each year of the five year plan. If the amount planned is insufficient to perform the necessary maintenance, such as is indicated by |        |        |        |        |        |



|      |   |        |        |        |        |        |
|------|---|--------|--------|--------|--------|--------|
|      | product manufacturers, please also note the fact of that insufficiency in your five year plan or in the addendum to it.   |        |        |        |        |        |
|      | What is the fiscal year of year 1 of these estimates? Enter the four-digit year of the fiscal year to which year 1 of your estimates applies. Year 2 will then be for the fiscal year after Year 1, and so on.  |        |        |        |        |        |
|      |   |        |        |        |        |        |
|      |   | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
|      |   |        |        |        |        |        |
| N(c) | From the district five year plan, provide the planned preventive maintenance, including equipment replacement, at this school for this year. Estimates should be based on what is actually planned or based on the past experience of what is allocated by the Board of Education and municipality. These would not be for expenses for which the district has or plans to apply for School Construction Grant reimbursement, which are reported under N(c) If this is not currently in your five year plan, please add an addendum to the copy of your five year plan that you upload, noting the cost of the preventive maintenance planned for each school during each year of the five year plan. If the amount planned is insufficient to perform the necessary maintenance, such as is indicated by product manufacturers, please also note the fact of that insufficiency in your five year plan or in the addendum to it. (Question updated 3/17/2021.) |        |        |        |        |        |
|      | What is the fiscal year of year 1 of these estimates? Enter the four-digit year of the fiscal year to which year 1 of your estimates applies. Year 2 will then be for the fiscal year after Year 1, and so on.  |        |        |        |        |        |
|      |   |        |        |        |        |        |



|       |   | Year<br>1 | Year<br>2 | Year<br>3 | Year<br>4 | Year<br>5 |
|-------|---|-----------|-----------|-----------|-----------|-----------|
| N(d)1 | What is the project number of most recent major School Construction Grant funded project at the school. Please only include projects substantially completed within the last three years. "Major projects" would be limited to new, renovation, extension or extension/alteration projects. |           |           |           |           |           |
| N(d)2 | What is the net square footage of the project. Use the whole school after construction for new and renovation projects, and only the square footage after construction of the project area for all other projects reported, here.   |           |           |           |           |           |
| N(d)3 | What were the construction costs for this project (see Form SCG-2003)?  |           |           |           |           |           |
| N(d)4 | What were the soft costs for this project (see Form SCG-2004)?  |           |           |           |           |           |
| N(d)5 | What were the other costs for this project (see Form SCG-2002)?   |           |           |           |           |           |

**O. Other Information**

|  |  |
|--|--|
|  | Name of most recent person to update this form   |
|  | Title of most recent person to update this form  |
|  | E-mail of most recent person to update this form |
|  | Date of most recent update                       |



## Appendix C. Questions Asked in SCG-1050C

### SCG-1050C: Vacant School Inventory Survey

Dear Superintendent/Municipal Chief Executive,

The State of Connecticut is currently conducting a survey of presently vacant school facilities. This form, the SCG-1050C: Vacant School Inventory Survey, is to enable the state to have an inventory of unused school facilities in your city/town/region.

In completing this form, please note that:

>This Survey form allows to you provide information for only one school facility at a time. If there is more than one vacant school facility in your jurisdiction, please complete this survey again for each such facility. The Survey is located at \_\_\_\_\_.

>If a school facility was reported as nearing closure on the SCG-1050B: School Facilities School Survey, it need not also be reported on this, the SCG-1050C: Vacant School Inventory Survey.

>It is more important that the facilities be identified than that all of the information requested, below, is complete. Please provide what information that you can.

>You will not be able to save and return to this form, so please be prepared finalize your submission in one sitting.

>If there are no vacant school facilities in your city/town/district, completing this form is not needed.

Thank you, again, for your cooperation.

Kosta Diamantis

Deputy Secretary, Office of Policy and Management

Director, Office of School Construction Grants, Review and Audit

1.City/Town/LEA

2.You may select here if you wish to indicate that there are no vacant school facilities in your city/town/district.

3.Name of person completing this form

4.Title of person completing this form

5.Email address of person completing this form



6. Name of vacant school facility being reported
7. Street address of school facility
8. City/Town where school facility is located
9. Grade levels taught at school facility when last used (choose as many as apply).
10. What is the gross square footage of the facility (to building envelope)?
11. What is the net square footage of the facility (interior space)?
12. How many floors (where students were accommodated) does the facility have?
13. How large (in acres) is the lot included in the property of this school facility?
14. What is the general condition of the facility?
15. Is the school facility being at least minimally heated and otherwise maintained sufficiently to prevent deterioration?
16. Are there potential or actual future plans for the use of this school facility
17. What is that value of the school facility and the land upon which it sits?
18. Is the school facility currently in the possession of:





## Appendix D. Questions Asked in SCG-1050D

**SCG-1050D: Districtwide Supplemental Survey**

|   |   |
|---|---|
| 1 | Select "SCG-1050" for your LEA.   |
|   | This is your unique response identifier. Do not change:   |
| 2 | Change this from "Draft" to "Submitted", and click Save when you are ready to submit this form; |

|   |                |  |
|---|----------------|--|
| 3 | RESC member of |  |
|---|----------------|--|

|    |   |
|----|---|
| 4  | Is the required district-wide long-term school building program plan required under CGS Sec. 10-220 complete and up to date, project out at least five years, and approved by both the town and the school board as the official plan?  |
| 5  | Is the long-range building plan implementation on schedule with the necessary projects underway or imminent?  |
| 6  | Does the district have a written plan for the repair and replacement of equipment based on useful life and other appropriate factors, and is this plan followed in the fiscal planning of the board?<br><i>The useful life and appropriate factors would generally be the manufacturers' recommendations on maintenance, cleaning, replacement, or major repair, but can also be the industry averages on useful lifetimes.</i> |
| 7  | Does the BOE or school district have an established contract or routinely hire an outside expert, such as a mechanical engineer, or licensed mechanical HVAC contractor, to inspect and commission mechanical systems in all district schools and provide comprehensive, written recommendations for system maintenance and performance improvement?  |
| 8  | Does the plan for the repair and replacement of equipment cover all major plant and operational equipment?  |
| 9  | Is the plan for the repair and replacement of equipment most often funded at a reasonable level?<br><i>Funding is to be considered at a reasonable level if it is sufficient to provide for replacement and repairs within these useful life timetables.</i>  |
| 10 | Does the district have a written building maintenance plan which includes general cleaning schedules, major cleaning schedules, service system maintenance schedules for all major building components including roofs and HVAC systems and which includes fiscal cycles and prioritizes activities to accommodate funding constraints?   |
| 11 | Is there reasonable funding in each annual board budget and town appropriation to provide for completion of all maintenance plans?  |
| 12 | Has the BOE adopted and implemented an IAQ (Indoor Air Quality) program in accordance with CGS Sec. 10-220, with reasonable funding to sustain the program?   |
| 13 | Has sufficient funding to carry out the IAQ program been approved at each annual board budget and town appropriation?   |
| 14 | Has the district planned and funded regular HVAC balancing and or commissioning of the HVAC systems?  |
| 15 | Does the district have an Integrated Pest Management plan, consistent with an applicable model plan provided by the CT Department of Energy and Air Protection (DEEP)?  |
| 16 | Has the Board satisfied the annual notification responsibilities for districts with or without Integrated Pest Management plans, as outlined in CGS § 10-231(c-d)?  |



*Department of Administrative Service*

|         |   |
|---------|---|
| 17      | Has the district established a staff IAQ coordinator position?  |
| 18      | Is the staff IAQ coordinator a separately paid position?  |
| 19      | Has the district established a formal reporting/response procedure for IAQ issues?  |
| 20      | Does the reporting procedure include a mechanism for students and/or parents to report IAQ issues?  |
| 21      | Is classroom air conditioning provided in all district schools?   |
| 22      | Does the district have a green cleaning program that includes the use of cleaning products approved by Department of Administrative Services (DAS)? |
| 23      | Does custodial/maintenance staff receive initial and annual refresher training in the proper use of cleaning products?                              |
| 24      | Has the district established a school security and safety committee at each school?   |
| 25      | Has the district conducted a security and vulnerability assessment at each school?  |
| 26      | Has the district developed and implemented a school safety and security plan?   |
| 27      | Has the district given Department of Emergency Services and Public Protection (DESPP) their annual fire and crisis drill reports for each school?   |
| 28      | Has the district submitted its annual school safety and security plan to DESPP/DEMHS?   |
|         |   |
| Attach: | Your current five year strategic plan.  |
|         |   |
|         | Name of most recent person to update this form  |
|         | Title of most recent person to update this form   |
|         | E-mail of most recent person to update this form  |
|         | Date of most recent update  |



## Appendix E. Responses received from LEAs by January 12, 2022

The following is, as of January 12, 2022, what appears to be the LEAs responding to the SCG-1050A and SCG-1050D questionnaires and the number of school facilities by LEA for which SCG-1050B reports appear to have been entered. Since the SCG-1050C questionnaire only asked for LEAs and municipalities to respond if they actually had vacant school facilities in their possession, those responses are not noted below.

| LEA | LEA Name    | SCG-1050A | SCG-1050B | SCG-1050D |
|-----|-------------|-----------|-----------|-----------|
| 1   | ANDOVER     | Yes       | 1         | Yes       |
| 2   | ANSONIA     | Yes       | 4         | Yes       |
| 3   | ASHFORD     | Yes       | 1         | Yes       |
| 4   | AVON        | Yes       | 5         | Yes       |
| 5   | BARKHAMSTED | Yes       | 1         | Yes       |
| 7   | BERLIN      | Yes       | 5         | Yes       |
| 8   | BETHANY     | Yes       | 1         | Yes       |
| 9   | BETHEL      | Yes       | 5         | Yes       |
| 11  | BLOOMFIELD  | Yes       | 6         | No        |
| 12  | BOLTON      | Yes       | 2         | Yes       |
| 13  | BOZRAH      | Yes       | 1         | Yes       |
| 14  | BRANFORD    | Yes       | 1         | Yes       |
| 15  | BRIDGEPORT  | Yes       | 40        | Yes       |
| 17  | BRISTOL     | Yes       | 12        | Yes       |
| 18  | BROOKFIELD  | Yes       | 2         | No        |
| 19  | BROOKLYN    | Yes       | 2         | Yes       |
| 21  | CANAAN      | Yes       | 1         | No        |
| 22  | CANTERBURY  | Yes       | 2         | Yes       |
| 23  | CANTON      | No        |           | No        |
| 24  | CHAPLIN     | No        |           | No        |
| 25  | CHESHIRE    | Yes       | 8         | Yes       |
| 26  | CHESTER     | No        |           | No        |
| 27  | CLINTON     | Yes       | 3         | Yes       |
| 28  | COLCHESTER  | Yes       | 4         | Yes       |
| 29  | COLEBROOK   | Yes       | 1         | Yes       |
| 30  | COLUMBIA    | No        |           | No        |
| 31  | CORNWALL    | No        | 1         | No        |
| 32  | COVENTRY    | Yes       | 4         | Yes       |
| 33  | CROMWELL    | Yes       | 4         | Yes       |
| 34  | DANBURY     | No        |           | No        |
| 35  | DARIEN      | Yes       | 7         | Yes       |



| LEA | LEA Name      | SCG-1050A | SCG-1050B | SCG-1050D |
|-----|---------------|-----------|-----------|-----------|
| 36  | DEEP RIVER    | No        |           | No        |
| 37  | DERBY         | Yes       | 4         | Yes       |
| 39  | EASTFORD      | Yes       | 1         | No        |
| 40  | EAST GRANBY   | Yes       | 4         | No        |
| 41  | EAST HADDAM   | Yes       | 3         | Yes       |
| 42  | EAST HAMPTON  | Yes       | 4         | Yes       |
| 43  | EAST HARTFORD | Yes       | 15        | Yes       |
| 44  | EAST HAVEN    | Yes       | 8         | Yes       |
| 45  | EAST LYME     | Yes       | 5         | Yes       |
| 46  | EASTON        | No        |           | No        |
| 47  | EAST WINDSOR  | Yes       | 3         | Yes       |
| 48  | ELLINGTON     | Yes       | 5         | Yes       |
| 49  | ENFIELD       | Yes       | 8         | Yes       |
| 50  | ESSEX         | No        |           | No        |
| 51  | FAIRFIELD     | Yes       | 17        | Yes       |
| 52  | FARMINGTON    | Yes       | 7         | Yes       |
| 53  | FRANKLIN      | Yes       | 1         | Yes       |
| 54  | GLASTONBURY   | Yes       | 9         | Yes       |
| 56  | GRANBY        | Yes       | 4         | Yes       |
| 57  | GREENWICH     | Yes       | 15        | Yes       |
| 58  | GRISWOLD      | Yes       | 4         | Yes       |
| 59  | GROTON        | Yes       | 8         | Yes       |
| 60  | GUILFORD      | Yes       | 7         | Yes       |
| 62  | HAMDEN        | Yes       | 12        | No        |
| 63  | HAMPTON       | No        |           | No        |
| 64  | HARTFORD      | Yes       | 34        | Yes       |
| 65  | HARTLAND      | Yes       | 1         | Yes       |
| 67  | HEBRON        | Yes       | 2         | Yes       |
| 68  | KENT          | Yes       | 1         | No        |
| 69  | KILLINGLY     | Yes       | 5         | Yes       |
| 71  | LEBANON       | Yes       | 3         | Yes       |
| 72  | LEDYARD       | Yes       | 5         | Yes       |
| 73  | LISBON        | Yes       | 1         | Yes       |
| 74  | LITCHFIELD    | Yes       | 3         | Yes       |
| 76  | MADISON       | Yes       | 6         | Yes       |
| 77  | MANCHESTER    | Yes       | 13        | Yes       |
| 78  | MANSFIELD     | Yes       | 4         | Yes       |
| 79  | MARLBOROUGH   | Yes       | 1         | Yes       |
| 80  | MERIDEN       | Yes       | 14        | Yes       |
| 83  | MIDDLETOWN    | Yes       | 16        | Yes       |



| LEA | LEA Name         | SCG-1050A | SCG-1050B | SCG-1050D |
|-----|------------------|-----------|-----------|-----------|
| 84  | MILFORD          | Yes       | 14        | Yes       |
| 85  | MONROE           | Yes       | 5         | Yes       |
| 86  | MONTVILLE        | Yes       | 6         | No        |
| 88  | NAUGATUCK        | Yes       | 10        | No        |
| 89  | NEW BRITAIN      | No        |           | No        |
| 90  | NEW CANAAN       | Yes       | 7         | Yes       |
| 91  | NEW FAIRFIELD    | Yes       | 4         | No        |
| 92  | NEW HARTFORD     | Yes       | 3         | Yes       |
| 93  | NEW HAVEN        | Yes       | 44        | Yes       |
| 94  | NEWINGTON        | Yes       | 7         | Yes       |
| 95  | NEW LONDON       | Yes       | 7         | Yes       |
| 96  | NEW MILFORD      | Yes       | 5         | Yes       |
| 97  | NEWTOWN          | Yes       | 8         | Yes       |
| 98  | NORFOLK          | Yes       | 1         | Yes       |
| 99  | NORTH BRANFORD   | Yes       | 4         | Yes       |
| 100 | NORTH CANAAN     | Yes       | 1         | Yes       |
| 101 | NORTH HAVEN      | Yes       | 6         | Yes       |
| 102 | NORTH STONINGTON | Yes       |           | No        |
| 103 | NORWALK          | Yes       | 19        | Yes       |
| 104 | NORWICH          | Yes       | 13        | Yes       |
| 106 | OLD SAYBROOK     | Yes       | 3         | Yes       |
| 107 | ORANGE           | Yes       | 4         | Yes       |
| 108 | OXFORD           | Yes       | 4         | Yes       |
| 109 | PLAINFIELD       | Yes       | 6         | Yes       |
| 110 | PLAINVILLE       | Yes       | 5         | Yes       |
| 111 | PLYMOUTH         | No        |           | Yes       |
| 112 | POMFRET          | Yes       | 1         | Yes       |
| 113 | PORTLAND         | Yes       | 4         | Yes       |
| 114 | PRESTON          | Yes       | 2         | Yes       |
| 116 | PUTNAM           | Yes       | 3         | Yes       |
| 117 | REDDING          | No        |           | No        |
| 118 | RIDGEFIELD       | Yes       | 10        | Yes       |
| 119 | ROCKY HILL       | Yes       | 5         | Yes       |
| 121 | SALEM            | Yes       | 1         | Yes       |
| 122 | SALISBURY        | No        | 1         | No        |
| 123 | SCOTLAND         | No        | 1         | Yes       |
| 124 | SEYMOUR          | No        |           | No        |
| 125 | SHARON           | Yes       | 1         | No        |
| 126 | SHELTON          | Yes       | 8         | Yes       |
| 127 | SHERMAN          | No        |           | No        |



| LEA | LEA Name       | SCG-1050A | SCG-1050B | SCG-1050D |
|-----|----------------|-----------|-----------|-----------|
| 128 | SIMSBURY       | Yes       | 7         | Yes       |
| 129 | SOMERS         | Yes       | 3         | No        |
| 131 | SOUTHINGTON    | Yes       | 12        | Yes       |
| 132 | SOUTH WINDSOR  | Yes       | 7         | Yes       |
| 133 | SPRAGUE        | Yes       | 1         | Yes       |
| 134 | STAFFORD       | Yes       | 4         | Yes       |
| 135 | STAMFORD       | Yes       | 22        | Yes       |
| 136 | STERLING       | Yes       | 1         | Yes       |
| 137 | STONINGTON     | Yes       | 5         | Yes       |
| 138 | STRATFORD      | Yes       | 13        | Yes       |
| 139 | SUFFIELD       | Yes       | 4         | Yes       |
| 140 | THOMASTON      | Yes       | 3         | Yes       |
| 141 | THOMPSON       | Yes       | 3         | Yes       |
| 142 | TOLLAND        | Yes       | 4         | Yes       |
| 143 | TORRINGTON     | Yes       | 8         | Yes       |
| 144 | TRUMBULL       | Yes       | 14        | Yes       |
| 145 | UNION          | Yes       | 2         | Yes       |
| 146 | VERNON         | Yes       | 8         | Yes       |
| 147 | VOLUNTOWN      | Yes       | 1         | No        |
| 148 | WALLINGFORD    | Yes       | 12        | Yes       |
| 151 | WATERBURY      | Yes       | 32        | Yes       |
| 152 | WATERFORD      | Yes       | 5         | No        |
| 153 | WATERTOWN      | Yes       | 5         | No        |
| 154 | WESTBROOK      | Yes       | 3         | Yes       |
| 155 | WEST HARTFORD  | Yes       | 16        | Yes       |
| 156 | WEST HAVEN     | Yes       | 10        | No        |
| 157 | WESTON         | Yes       | 4         | Yes       |
| 158 | WESTPORT       | Yes       | 8         | No        |
| 159 | WETHERSFIELD   | Yes       | 8         | Yes       |
| 160 | WILLINGTON     | Yes       | 2         | Yes       |
| 161 | WILTON         | No        |           | No        |
| 162 | WINCHESTER     | No        |           | No        |
| 163 | WINDHAM        | Yes       | 7         | Yes       |
| 164 | WINDSOR        | Yes       | 6         | Yes       |
| 165 | WINDSOR LOCKS  | Yes       |           | No        |
| 166 | WOLCOTT        | Yes       | 5         | Yes       |
| 167 | WOODBIDGE      | Yes       | 1         | Yes       |
| 169 | WOODSTOCK      | No        |           | No        |
| 201 | DISTRICT NO. 1 | Yes       | 1         | No        |
| 204 | DISTRICT NO. 4 | Yes       | 2         | No        |



| LEA | LEA Name              | SCG-1050A | SCG-1050B | SCG-1050D |
|-----|-----------------------|-----------|-----------|-----------|
| 205 | DISTRICT NO. 5        | Yes       | 3         | Yes       |
| 206 | DISTRICT NO. 6        | Yes       | 4         | Yes       |
| 207 | DISTRICT NO. 7        | Yes       | 1         | Yes       |
| 208 | DISTRICT NO. 8        | Yes       | 1         | Yes       |
| 209 | DISTRICT NO. 9        | No        |           | No        |
| 210 | DISTRICT NO. 10       | Yes       | 4         | Yes       |
| 211 | DISTRICT NO. 11       | No        |           | No        |
| 212 | DISTRICT NO. 12       | Yes       | 4         | Yes       |
| 213 | DISTRICT NO. 13       | Yes       | 5         | Yes       |
| 214 | DISTRICT NO. 14       | Yes       | 4         | Yes       |
| 215 | DISTRICT NO. 15       | Yes       | 8         | Yes       |
| 216 | DISTRICT NO. 16       | Yes       | 4         | Yes       |
| 217 | DISTRICT NO. 17       | Yes       | 4         | Yes       |
| 218 | DISTRICT NO. 18       | Yes       | 5         | Yes       |
| 219 | DISTRICT NO. 19       | Yes       | 1         | Yes       |
| 241 | CREC                  | Yes       | 19        | Yes       |
| 242 | EdAdvance (See below) |           |           |           |
| 243 | CES                   | Yes       | 3         | Yes       |
| 244 | ACES                  | Yes       | 8         | No        |
| 245 | LEARN                 | No        |           | No        |
| 253 | EastConn              | No        |           | No        |
| 900 | CTECS                 | Yes       | 20        | Yes       |

Note: It does not appear that EdAdvance (formerly called “Education Connection”) has school facilities that would have been reported under the Survey.