

Analysis of State Bond Commission Agenda Items

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OFFICE OF FISCAL ANALYSIS

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The following is intended to provide legislative members of the State Bond Commission (SBC) with additional information and analysis of the items on the agenda.

I. Summary

FY 17 General Obligation Bonds¹

Allocations	FY 17 \$	FY 16 \$ (9/29/15)
September Agenda	185,761,158	93,752,356
Prior Allocations	186,959,946	546,117,714
TOTAL	372,721,104	639,870,070

¹ The figures do not include reallocations.

Calendar Year 2016 General Obligation Bonds¹

Allocations	2016 \$	2015 \$ (9/29/15)
September Agenda	185,761,158	93,752,356
Prior Allocations	1,722,951,747	1,931,061,828
Subtotal	1,908,712,905	2,024,814,184
Automatic Allocations ²	300,900,000	467,000,000
TOTAL	2,209,612,905	2,491,814,184

¹ The figures do not include reallocations.

² Automatic allocations include UConn 2000, CSCU 2020, the Bioscience Collaboration Fund (Jackson Lab) or the Bioscience Innovation Fund.

FY 17 Transportation Fund Bonds

Allocations	FY 17 \$	FY 16 \$ (9/29/15)
September Agenda	493,152,895	188,694,006
Prior Allocations	168,291,280	429,195,765
TOTAL	661,444,175	617,889,771

Calendar Year 2016 Transportation Fund Bonds

Allocations	2016 \$	2015 \$ (9/29/15)
September Agenda	493,152,895	188,694,006
Prior Allocations	274,059,129	497,490,016
TOTAL	767,212,024	686,184,022

II. Agenda Items

Item #1 Office of Policy and Management: Grant-in-Aid for Improvements to the Trout Brook Canal Area in the Town of West Hartford (\$500,000 in new General Obligation bonds)

Funding will be used to assist in Phase 3 of the construction of a recreational trail along the Trout Brook canal, from New Park Ave. to Asylum Ave. The trail will be predominantly separated from the roadway, consisting of a 10-foot wide paved path with separate bicycle and pedestrian lanes. Phase 3 will involve construction of the portion of the trail that will run from Park Road to Jackson Avenue.

Item #2 Department of Energy and Environmental Protection: Grants-In-Aid to the Town of Glastonbury for Acquisition of Open Space for Conservation or Municipal Purposes (\$1,000,000 in new General Obligation bonds)

This allocation will fund a grant-in-aid to the town of Glastonbury for the purchase of municipal open space.

Item #3 Department Of Transportation: For the Design of Roadway Improvements for Lakeside Boulevard in Waterbury (\$375,000 in new Special Tax Obligation bonds)

This allocation will fund design of right-of-way improvements for Lakeside Drive in Waterbury. The funding for construction is not included in this authorization or allocation.

Item #4 Office of the State Comptroller: Enhancements and Upgrades to the CORE-CT Financial System (\$2,000,000 in new General Obligation bonds)

The allocation will enable a Peoplesoft software upgrade for CoreCT. The total upgrade of this portion of CoreCT is estimated to cost \$20 million and is scheduled to be completed in April 2017.

Background Core-CT utilizes Oracle's PeopleSoft enterprise applications to run the State's Financial, Human Resources and Payroll functions. The State has a maintenance agreement with Oracle to provide technical support, software fixes, and regulatory updates. Oracle provides support for 7 years from the products release date. In order to maintain vendor support Core-CT must upgrade to the newest version of Oracle's PeopleSoft enterprise applications.

Item #5 Office of Policy and Management: Information Technology Capital Investment Program (\$8,397,904 in new General Obligation bonds)

This funding will be used to develop and implement information technology enhancements for the departments of Rehabilitation Services (DORS), Motor Vehicles

(DMV), Social Services (DSS), and Administrative Services (DAS). The table below shows the breakdown of the allocation.

Funding for the Information Technology Capital Improvement Program

Description	DORS \$	DMV \$	DSS \$	DAS \$
Consultant Services	1,782,400	211,520	915,000	2,422,600
Software	750,000	1,085,384	-	1,050,000
Hardware	95,000	24,000	-	62,000
Total	2,627,400	1,320,904	915,000	3,534,600

Funding will be used for the following projects:

DORS - Development of a new case management system that will standardize operations across agency programs.

DMV - Consolidation of DMV call center functions, technological upgrades for programs operated by Customer Contact Center agents, and enhancements of customer self service functions.

DSS - Upgrades to the Medicaid Management Information System, and Fiscal Agent Operations System.

DAS - Continuing development and upgrades of the Enterprise Content Management System.

Item #6 Board of Regents for Higher Education: All Regional Community Colleges, New And Replacement Instruction, Research or Laboratory Equipment (\$7,250,000 in new General Obligation bonds)

This allocation will be used to fund new and replacement instruction, research and/or laboratory equipment at the 12 Community Colleges, Charter Oak College and the Board of Regents System Office. The latest headcount enrollment at the community colleges (Spring 2016) was 47,889 students.

Item #7 Department of Housing: Flexible Housing Program (\$16,850,687 million in new General Obligation bonds and \$1,998,597 million in previously allocated bonds)

The allocation will support the projects and programs under the Flexible Housing Program as shown in Appendix A.

With regards to Item #7B, the State Bond Commission previously allocated \$1,998,597 to provide a loan to New Milford Affordable Housing, Inc. to assist with construction of twelve affordable housing units with supportive services at Brookside Commons. This

request changes the loan recipient from New Milford Affordable Housing, Inc. to Brookside Commons Apartments, LLC.

Item #8 Capital Region Development Authority: For Hartford Area Projects (\$5,000,000 in new General Obligation bonds)

The allocation will fund a grant-in-aid to the Hartford Housing Authority for the abatement and demolition of the Chester Bowles Park housing complex in Hartford to allow for redevelopment.

The first phase of the plan is anticipated to take approximately one year to complete and will include the development of 62 mixed-income rentals and 29 town houses. The total number of units to be developed over the course of the multiyear project will range between 300 and 400.

Bowles Park is a moderate rental housing development originally developed and financed by the state in the 1940s and 1950s that currently includes 410 units in 59 buildings, the majority of which are abandoned and deemed not fit to live in. About 70 remaining residents will be relocated before the demolition begins.

Item #9 Department of Education: Grants-In-Aid to Assist Targeted Local and Regional School Districts for Alterations, Repairs, Improvements, Technology and Equipment in Low-Performing Schools (\$3,255,390 in new General Obligation bonds)

This allocation will fund grants-in-aid to Connecticut's low-performing K-12 public schools for alterations, repairs, improvements, technology, and equipment. The goal of the grants is to address opportunities to promote learning, health and safety for all children in high-quality facilities and educational environments.

Please see Appendix B for a list of grants-in-aid.

Item #10 Office of Policy and Management: Development of a Comprehensive State-Wide Water Plan (\$500,000 in new General Obligation bonds)

Funds will be used for the development of a statewide water management plan. Of the total requested allocation, it is anticipated that about \$440,000 will be for the contractor hired to develop the plan, and about \$60,000 will be for New England Interstate Water Pollution Control Commission to assist the Water Planning Council in managing the project.

Under the provisions of PA 14-163, the plan must identify potential concerns and make recommendations pertaining to water use, existing resources, conservation,

infrastructure construction and upgrades, and the impact of extreme weather events on the state water supply.

Item #11 Board of Regents for Higher Education: All Regional Community Colleges, Deferred Maintenance, Code Compliance and Infrastructure Improvements (\$5,000,000 in new General Obligation bonds)

This allocation is the first allocation of the \$15.9 million authorization for various alterations and improvements to the Board of Regent’s 12 Community Colleges, Charter Oak College and the System Office buildings and grounds. The program will focus on restoration of academic and support facilities and also energy conservation and changes necessary to bring facilities into compliance with state and federal fire, health, safety and handicapped access codes and regulations.

Item #12 Board of Regents for Higher Education: All Connecticut State Universities, Deferred Maintenance, Code Compliance and Infrastructure Improvements (\$6,000,000 in new General Obligation bonds)

This allocation will fund various alterations and improvements to Central, Eastern, Southern and Western Connecticut State University buildings. Alterations and improvements include restoration of academic facilities, upgrading safety systems, and other ground improvements. The latest headcount enrollment at the Connecticut State Universities (Spring 2016) was 31,677 students.

Item #13 Department of Transportation: Various Agency Programs (\$210,177,895 in new Special Tax Obligation Bonds)

The table below provides a breakout of the amount authorized for the Transportation Infrastructure Improvement Program in FY 17 and the amount allocated in this agenda item.

Transportation Infrastructure Improvement Program Allocation

Description	FY 17 Authorization \$	Prior Allocation \$	This Allocation \$
Interstate Highway Program	13,000,000	6,000,000	
Urban Systems Projects	12,112,100	2,000,000	1,585,000
Intrastate Highway Program	44,000,000	16,000,000	
State bridge improvement, rehabilitation and replacement projects	43,000,000	12,000,000	5,842,895
Fix-it-First Bridge Program	70,000,000	35,000,000	22,840,000
Fix-it-First Road Program	55,000,000	12,000,000	25,000,000
Environmental Compliance and Remediation	18,535,000	-	13,300,000
Highway and Bridge Renewal Equipment	10,381,280	10,381,280	

Description	FY 17 Authorization \$	Prior Allocation \$	This Allocation \$
Improvement of General Aviation Airport facilities, excluding Bradley International Airport	2,000,000	2,000,000	
Bus and rail facilities and equipment, including rights-of-way, and related projects	268,100,100	22,475,000	181,100,000
Department facilities	25,510,000	2,000,000	23,510,000
TOTAL	543,103,480	119,856,280	210,177,895

Item #14 Department of Transportation: Let's Go CT! (\$282,600,000 in new Special Tax Obligation Bonds)

These funds will be used to finance various transportation projects under the Let's Go CT! program.

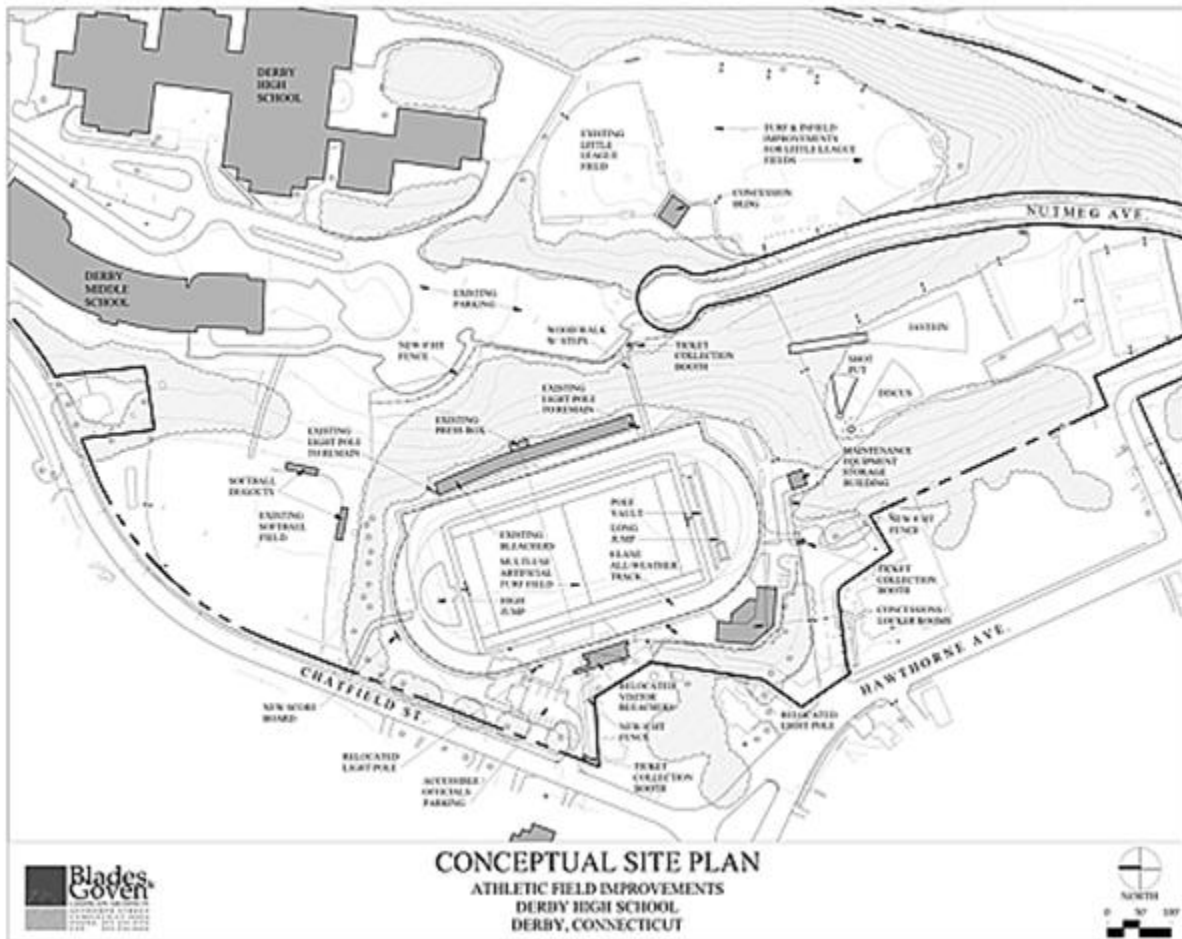
Description	Total \$
Preliminary Design of Routes 7 and 15 Interchange in Norwalk	4,000,000
Design of Sidewalks on Long Ridge Road in Stamford	100,000
Implementation of I-84 and Route 2 Bridge Program	5,000,000
Purchase of New Haven Line Rolling Stock	200,000,000
Hartford Line rail projects	60,000,000
Design and Construction of Danbury Line rail projects	12,500,000
Preliminary Design of New Have Line pedestrian bridge in Stamford	1,000,000
TOTAL	282,600,000

Item #15 Department of Administrative Services: Land Acquisition, Construction, Improvements, Repairs and Renovations at Fire Training Schools (\$500,000 in previously allocated bonds)

The allocation will be used to procure office and classroom furniture, classroom audio and video equipment, computers, and fire training equipment for the Fairfield Regional Fire School construction project. The DAS Construction Services Unit will partner with Fairfield on the purchases using DAS prequalified vendors.

Item #16 Department Of Energy And Environmental Protection: Grants-In-Aid or Loans to Municipalities for Acquisition of Land, Public Parks or Recreational and Water Quality Improvements (\$2,990,792 in new General Obligation bonds)

This allocation will fund a grant-in-aid to the City of Derby for: (1) construction of a new artificial turf field, including an 8-lane rubber track, and (2) construction and relocation of a baseball field.



Derby Field Conceptual Plan

Item #17 Connecticut Innovations Incorporated: For the Purposes of Grants-in-Aid from the Regenerative Medicine Research Fund (\$10,000,000 in new General Obligation bonds)

The allocation, combined with existing funds, will support grants-in-aid for the regenerative medicine research projects listed in Appendix C.

Background PA 14-98 changed the name of the Stem Cell Research Fund to the Regenerative Medicine Research Fund and broadened the scope of the Fund to include “regenerative medicine.” The Act defines “regenerative medicine” as the process for creating living, functional tissue to repair or replace tissues or organ function lost due to aging, disease, damage, or congenital defects. Regenerative medicine also includes basic stem cell research. The Regenerative Medicine Advisory Committee reviews and recommends research grants from the Regenerative Medicine Research Fund.

Item #18 Department of Administrative Services: Infrastructure Repairs And Improvements At State-Occupied Buildings (\$430,000 in new General Obligation bonds)

The allocation will fund two projects. Approximately \$230,000 will fund a full roof replacement, including skylights and gaskets on the existing glass atrium, at 300 Corporate Place, which houses Office of the Chief State’s Attorney. The building was constructed in 1982 and the existing roof is failing and leaking.

Additionally, \$200,000 will replace the water line at the 18/20 Trinity Street building. The project will replace the incoming domestic water service from the MDC street water main to the building and to replace and relocate the shut-off valves and associated piping.

Item #19 Department of Administrative Services: Infrastructure Repairs And Improvements At State-Occupied Buildings (\$1,800,000 in new General Obligation bonds)

This allocation will fund phase 1 demolition plans for a 5-story building at 10 Clinton Street in Hartford that used to house the Department of Public Health Lab.

The project has two phases. Phase 1 includes developing the demolition plans and specifications, completion of building-wide asbestos abatement and completion of the “soft demolition” of interior solid walls & interior block walls and disposal of existing non-asbestos containing materials. Phase 2 consists of the actual demolition of the superstructure and the construction of a gravel parking lot and subsurface drainage.

Item #20 Military Department: Alterations and Improvements to Buildings and Grounds (\$100,000 in new General Obligation bonds)

This allocation will fund three projects that will each be matched 100% with federal funds. The three projects include: (1) replacement of the domestic hot water system at the Hartford Armory, (2) repair gutters at the Branford Armory, and (3) install fencing on the Hartford Armory side entrance. All three projects are ready to award to contractors.

Item #21 Department of Education: Regional Vocational-Technical School System, Alterations, Renovations and Improvements to Buildings and Grounds (\$2,776,250 in new General Obligation bonds)

This allocation will provide funding for Bullard Havens Technical High School in Bridgeport. The funding will be used to renovate approximately 11,000 square feet of the existing “C “ Building to relocate the existing Masonry Shop and house a new Fitness Center that the school currently does not have. The project will include all new equipment.

Item #22 Office of Policy and Management: Design and Implementation of Consolidation of Higher Education Systems with the State’s Core System (\$1,500,000 in new General Obligation bonds)

This allocation will fund consulting services necessary to complete the implementation of the University of Connecticut’s integration of its human resources and payroll systems in CoreCT. Funds will support final system testing and stabilization. The CoreCT integration project is anticipated to be completed in three phases:

Activity	Completion Date
Phase 1 - Core HR functionality	September 26, 2016
Phase 2 - eCompensation , eBenefits, Leave Request and Service Calculations	January 9, 2017
Post Production Support	March 3, 2017

Item #23 Department of Veteran’s Affairs: Alterations, Renovations and Improvements to Buildings and Grounds (\$400,000 in new General Obligation bonds)

This allocation will fund the design and replacement of the Sgt. John L. Levitow Health Care Center air conditioning chiller. Half of the current chiller system's capacity is unrepairable. This funding will also be used for the paving repairs at certain facilities: Patriot’s Landing, Colonel Gates Cemetery, and the Sgt John L. Levitow Health Care Center). Lastly, funding for a handicap access door at the Health Care Center’s Building #3 which has a handicap ramp with noncompliant doors.

Item #24 Department of Administrative Services: Alterations, Renovations and Improvements in Compliance with the Americans with Disabilities Act (\$500,000 in new General Obligation Bonds)

The allocation will fund minor ADA improvements at state facilities. Projects covered by the allocation can include installation of compliant door hardware, automatic door openers, ramps, ADA-complaint telephones, parking improvements, and bathroom fixture improvements.

Item #25 Capital Region Development Authority: Alterations, Renovations and Improvements at the Connecticut Convention Center and Rentschler Field (\$300,000 in new General Obligation Bonds)

The allocation will support capital improvements at Rentshler Field including concrete repairs to prevent water damage and utility upgrades in the parking lots.

Since 2013, the State Bond Commission allocated \$3,582,000 to the Rentschler Field for various capital improvements including the creation of additional parking, replacement of the scoreboard, and other minor improvements.

Item #26 Department of Mental Health and Addiction Services: Fire, Safety and Environmental Improvements to Regional Facilities (\$2,144,121 in new General Obligation bonds)

This allocation of \$2,144,121 will provide funding for capital improvements to Connecticut Mental Health Center in New Haven. The funds will provide two replacement chillers at the facility, which have exceeded their useful life. Previous funding of \$178,450 paid the Architect/Engineer's fee and a portion of DAS fees, while current funding will primarily support construction costs.

Background Connecticut Mental Health center provides clinical treatment and supports to individuals living with addiction and mental health conditions, operates outreach programs, conducts research, and serves as a training site for professionals involved in treating mental illness and addiction.

Item #27 Department of Housing: Flexible Housing Program (\$14,965,000 million in new General Obligation bonds)

The allocation will support the projects and programs under the Flexible Housing Program as shown in Appendix D.

Item #28 Department of Economic and Community Development: Brownfield Remediation And Redevelopment Projects (\$5,000,000 in new General Obligation bonds)

The allocation will support a supplemental grant-in-aid for the Brownfield Remediation and Revitalization Program. The funds will support applicants selected under Round 8 as well as other projects reviewed by the Office of Brownfield Remediation and Development.

Background: The program provides financial assistance for environmental investigations and remediation activities. The Department of Economic and Community Development (DECD) provides qualified applicants funds in the form of low interest loans and grants. In calendar 2015, DECD awarded \$38.5 million to 55 projects across the state, bringing the total funding contracted for brownfield remediation since 2012 to more than \$102 million; DECD has awarded an additional \$38 million of funding that is expected to be put under contract in the next 6-9 months.

Item #29 Department of Education: Grants-In-Aid to Local and Regional School Districts for Alterations, Repairs, Improvements, Technology And Equipment In Low-Performing Schools (\$3,481,632 in new General Obligation bonds)

This allocation will fund grants-in-aid to Connecticut's low-performing K-12 public schools for alterations, repairs, improvements, technology, and equipment. The goal of the grants is to address opportunities to promote learning, health and safety for all children in high-quality facilities and educational environments.

Please see Appendix E for a list of grants-in-aid.

Item #30 Connecticut State Library: Grants-In-Aid to Public Libraries that are not Located in Distressed Municipalities (\$250,000 in new General Obligation bonds)

The allocation will enable a grant-in-aid of \$250,000 to the Cheshire Public Library in support of a \$500,000 improvement project. The planned work includes:

- New carpeting.
- Rearranging the library's book stacks to provide more space and a better line of sight for librarians to supervise activity.
- Adding more quiet study rooms in the library's lower level.
- Adding a public restroom in the library's lower level, adjacent to the one currently used by staff members.
- Improve acoustics around the library's circulation desk.

Item #31 Department of Education: School Security Infrastructure Competitive Grant Program (\$10,000,000 in new General Obligation bonds)

The allocation will fund grants-in-aid to local and regional boards of education for school security upgrades. The Departments of Administrative Services, Education, and Emergency Services and Public Protection jointly administer the grant program.

Eligible expenses include, but are not limited to: installation of surveillance cameras, penetration-resistant vestibules, ballistic glass, solid core doors, double access doors, computer-controlled electronic locks, entry door buzzer systems, scan card systems, panic alarms, or systems and; the training of school personnel in the operation and maintenance of the security infrastructure of school buildings.

Item #32 Department of Developmental Services: Fire, Safety and Environmental Improvements to Regional Facilities (\$500,000 in new General Obligation bonds)

The allocation of \$500,000 will fund emergency and minor capital improvements at departmental facilities. This funding allows DDS to immediately initiate corrective action when code, safety, health, or emergency conditions develop and to make interior and exterior improvements to maintain buildings.

Item #33 Department of Mental Health and Addiction Services: Fire, Safety and Environmental Improvements to Regional Facilities (\$1,581,250 in new General Obligation bonds)

The allocation of \$1,581,250 is requested to support capital improvements at Connecticut Valley Hospital (CVH) in Middletown. The work will include replacing the 51 year old electrical switchgear system (\$426,560), design fees for the replacement of the underground drainage system (\$354,690), and improved access and repair of the HVAC system (\$800,000). There are approximately 460 units currently being repaired.

Item #34 Connecticut Innovations Incorporated: For The Purpose Of Recapitalizing the Programs Described in Chapter 581 of the General Statutes (\$500,000 in new General Obligation bonds)

The allocation will support the initial development of the CTNext Fund, created upon passage of PA 16-3 MSS.

Background: The Act establishes CTNext as a subsidiary of Connecticut Innovations (CI). Under the Act the powers and duties of CTNext include:

1. encouraging younger generation start-up entrepreneurs to stay in Connecticut;
2. promoting entrepreneurship at Connecticut public and independent institutions of higher education; and
3. doing all things necessary to carry out its purposes and execute its powers.

The Act requires CI to administer funds deposited into the CTNext Fund.

PA 16-3 MSS allows CI to use the resources of the CTNext Fund, with approval by the CTNext board of directors, to make grants or fund specific purposes as outlined in the Act, such as the Innovation Place program and Higher Education entrepreneurship grants-in-aid. The Act earmarks a total of \$90 million in previously authorized bonds for CTNext and other purposed outlined under the legislation.

CTNext's board of directors must approve individual and budgeted expenditures under the conditions it established when it approves the budget.

Item #35 Connecticut State Library: Grants-In-Aid to Public Libraries Located within Distressed Municipalities (\$100,000 in new General Obligation bonds)

The allocation of \$100,000 will fund a grant-in-aid to the Derby Public Library to fund repairs of water damage and also exterior pathway improvements. The library was built in 1902 and had a major renovation which began in 1990, including a 7,200 square foot addition. The Derby Public Library is listed on the National Register of Historic Places.



Photo: Derby Public Library

Item #36 Department of Social Services: Grants-In-Aid for Neighborhood Facilities (\$343,500 in previously allocated bonds)

This allocation is a reallocation of funds originally provided at the April 24, 2012 meeting of the State Bond Commission. The original funding was provided to build an addition to the town's current senior center. Subsequent study determined that an addition would not be feasible. The reallocated funds will be used to build a new senior center for the town.

Item #37 Department Of Housing: Housing Trust Fund (\$869,180 in new General Obligation bonds)

The allocation will support a grant-in-aid to Mutual Housing association of South Central Connecticut to subsidize construction of seven affordable homeownership microhomes on sliver lots in New Haven. Each home will consist of a 500 square foot owner unit and a 300 square foot rental unit. The homes will be available to homebuyers at or below 120% of area median income.

Sliver lots are city owned lots that are not suitable for residential construction or other development. Residents can buy these lots for other purposes at a reasonable cost.

More specifically, a sliver lot is any lot that:

- does not meet the minimum required lot area (pursuant to the Zoning Ordinance) for new residential construction, or
- is otherwise determined to be unsuitable for new development as determined by the Zoning Enforcement Officer.

Background: The Housing Trust Fund (HTF) provides financial assistance (which may be in the form of grants or loans) to a wide variety of affordable housing programs and projects statewide, including affordable housing for extremely low-income residents as

well as workforce housing that is affordable to households with an income of up to 120% of the area median income. HTF funding supports rehabilitation projects and the construction of new units.

Item #38 Department of Economic and Community Development: Manufacturing Assistance Act (\$8,400,000 in new General Obligation bonds and \$1,000,000 in previously allocated bonds)

The allocation will support the following grants, loans, and programs within the Department of Community and Economic Development:

A. Synchrony Bank – First Five (\$5,000,000)

The allocation will provide a grant-in-aid to Synchrony Bank in Stamford to assist with establishing itself as a standalone bank. The company intends to retain 310 jobs and create up to 400 new jobs.

Total grants-in-aid of \$20 million will be paid in installments over six years if the company meets annual job retention and creation goals until it reaches 710 total jobs. This request will fund the second set of milestone payments under the agreement. The first payment of \$5 million was allocated by the State Bond Commission at the July 2015 meeting.

Synchrony Bank, headquartered in Stamford, is the largest provider of private label credit cards in the United States, based on purchase volume and receivables. Synchrony Bank provides credit services to individual consumers, businesses and healthcare providers.

B. Various Small Projects and Programs (\$3,400,000)

The allocation will allow the Department of Economic and Community Development (DECD) to provide smaller loans and grants to manufacturers and economic based businesses across the State. The release of these funds will be controlled through the allotment process pending determination of grant and loan recipients. These funds will also support administrative costs related to the Manufacturing Assistance Act program.

C. Technology Talent Advisory Committee (\$1,000,000)

The allocation will support the creation of the Technology Talent Advisory Committee established under PA 16-3 MSS. The allocation will specifically fund training and education resources as determined by the Technology Talent Advisory Board to stimulate employment in targeted technology sectors.

Background PA 16-3 MSS establishes the Technology Talent Advisory Committee in the Department of Economic and Community Development (DECD) to identify shortages of qualified employees in technology fields and develop programs to address those shortages.

Item #39 Office of Policy and Management: Local Capital Improvement Fund (\$30,000,000 in new General Obligation bonds)

The allocation will fund grants-in-aid under the Local Capital Improvement Program (LoCIP) as shown in Appendix F.

Background LoCIP is an entitlement program for municipalities that provides General Obligation bond funds for eligible projects, as defined in statute. Towns may choose to: (1) expend the funds on smaller projects or (2) accumulate the funds over a period of time for one large project.

Towns begin the process of accessing their LoCIP funds by submitting a proposal to OPM describing the proposed project and certifying that it is part of the town's capital improvement plan. If OPM grants approval, the town may proceed to carry out the project. Because LoCIP is a reimbursement program, towns must first incur the expense for a project before reimbursement can be requested. Reimbursement may be made in one lump sum for a smaller project or in a series of payments as successive stages of a larger project are completed.

Item #40 Office of Policy and Management: Small Town Economic Assistance Program (\$11,000,000 in new General Obligation bonds)

STEAP funds economic development, community conservation and quality of life projects for localities that are ineligible to receive Urban Action bonds. Examples of projects that can be funded through this program include:

1) economic development projects such as constructing or rehabilitating buildings, or repairing roads; 2) recreation and solid waste disposal projects; 3) social service-related projects, including day care centers, elderly centers, domestic violence and emergency homeless shelters, multi-purpose human resource centers, and food distribution facilities; 4) housing projects; 5) pilot historic preservation and redevelopment programs that leverage private funds.

Municipalities can receive up to to \$500,000 per year if 1) they are not designated as a distressed municipality or a public investment community and 2) the state Plan of Conservation and Development does not show them as having a regional center. PA 05-194 allows an Urban Act Town that is not designated as a regional center under the State Plan of Conservation and Development to opt out of the Urban Action program and become a STEAP town for a period of four years.

Item #41 Office of Policy and Management: Urban Act (\$19,918,961 in new General Obligation bonds)

The allocation will be used to provide grants-in-aid by various state departments including:

- 1A. This allocation will fund a grant-in-aid to the town of Fairfield for the replacement of 3,000 linear feet of sewer lines.
- 1B. The allocation will support a grant-in-aid to the Greenwich Historical Society for the expansion of the Bush-Holley parking lot. The Greenwich Historical Society is currently undertaking a \$13.5 million upgrade to its campus by remodeling a building (to be purchased) to a 1900s style tavern.
- 1C. The allocation will support a grant-in-aid to the town of Hamden for the P.L.A.C.E. Children's Museum & Art Center for ADA code improvements at the Rectory School Barn in Hamden.
- 1D. This allocation will support a grant-in-aid to Middletown for renovations to the South Fire District headquarters.

The current building was constructed in 1969 for the department which at the time was volunteer and handled a few hundred calls a year. The department is now full-time and handles 2,900 calls annually, including covering the Connecticut Valley Hospital since 2011.

- 1E. This allocation will support a grant-in-aid to the town of Montville for improvements to the town's public works facility.
- 1F. This allocation will support a grant-in-aid to the city of Norwich for the construction of a storage structure for the Norwich Fire Department.

At the May 2016 meeting, the State Bond Commission allocated \$250,000 to support (1) a grant-in-aid to the Taftville Volunteer Fire Department in Norwich for a storage addition to its facility and (2) a grant-in-aid to the Occum Volunteer Fire Department in Norwich for safety and energy conservation improvements to its facility.

- 2A. The funds will provide a grant-in-aid to the town of Hebron for traffic improvements near the middle and high school campus.
- 3A. Funds are provided to the Boys & Girls Village, Inc. for the expansion of Charles F. Hayden School in Milford. The expansion will provide additional space for classrooms, allowing the school to offer services to 11th and 12th graders.

The Boys & Girls Village is a therapeutic day school that provides comprehensive special education services designed to help children 5 to 18 years

old achieve the emotional, behavioral and academic growth needed for them to return to a mainstream school setting.

- 4A. Funding of \$30,095 will support a grant to Good Case Gifts for roof replacement, new gutters, and ceiling repairs.
- 5A. Funding of \$800,000 will support a grant to the city of Torrington to be utilized for storm drainage improvements to the vicinity surrounding the Litchfield courthouse to alleviate potential flooding of the courthouse.
- 6A. The allocation will support an equity investment to assist the town of Wethersfield and Lexington Partners with the development of a 120 unit apartment project on a blighted, redevelopment parcel at 1278 Silas Deane Highway.

Lexington Partners, the developer of the \$27 million apartment complex, will use the state funds to knock down the existing building, site of the former Fun Zone, which closed more than 20 years ago, and address engineering and wetlands issues.

Item #42 Office of the State Treasurer: General Obligation Bond Sale

This resolution seeks authorization to issue and sell general obligation bonds of the State in an amount not to exceed \$900,000,000.

The Treasurer plans to issue \$650 million in general obligation bonds through a negotiated sale in October 2016. The balance of this authorization is likely to be utilized in March 2017. To date, the Treasurer has issued \$500 million in general obligation bonds this fiscal year.

Item #43 Approval of the State Treasurer's Certificate of State Indebtedness

This resolution satisfies statutory requirements for approval of documents related to State Bond Commission meetings.

Appendix A

Item #7: Department Of Housing: Flexible Housing Program

Loans and Grants-in-Aid

Item	Recipient/Project	Location	Award Type	Description	Amount \$
A	Hamden Specialty Housing LLC	Hamden	Loan: 1% interest for thirty years	Development of 77 units of new rental housing, including 76 affordable and seven supportive units.	9,247,118
B	Brookside Commons Apartments	New Milford	Loan	Construction of 12 affordable housing units with supportive services at Brookside Commons.	1,998,597
C	Habitat for Humanity of Eastern Connecticut	New London and Windham Counties	Grant-in-aid	Rehabilitation of four affordable homeownership units.	250,000
D	Maynard Road Corporation	Meriden	Grant-in-aid	Development of nine new affordable, supportive housing units for veterans	1,646,879
E	Predevelopment Cost Revolving Loan Program	Various	n/a	This program provides interest-free or deferred loans for predevelopment costs associated with development and preservation of affordable housing units.	2,000,000
F	Shoreline Affordable Housing, Inc.,	Old Lyme	Grant-in-aid	Replacement of the well water system and energy conservation improvements at Rye Field Manor which is an elderly, affordable housing development	2,056,681
G	Capital for Change, Inc	Branford, Guilford, Hamden, Milford and Wallingford	Grant-in-aid	Construction or renovation of 11 to 20 homes in targeted census tracts in to create affordable homeownership opportunities.	1,650,000
TOTAL					18,849,275

Appendix B

Item #9: Department of Education: Grants-In-Aid to Assist Targeted Local and Regional School Districts for Alterations, Repairs, Improvements, Technology and Equipment in Low- Performing Schools

Grants-in-aid

School	Project	Components	Total (\$)
Waterbury	Student computers	Infrastructure upgrade (fiber, switches, wireless)	167,972
Carrington		Laptops (90)	54,104
	Instructional technology	SmartBoards (24)	-
			222,076
Waterbury	Student computers	Infrastructure upgrade (fiber, switches, wireless)	110,530
Chase		PCs (67), Laptops (90)	132,524
	Instructional technology	SmartBoards (18)	83,646
			326,700
Waterbury	Student computers	Infrastructure upgrade (fiber, switches, wireless)	99,950
Crosby			99,950
Waterbury	Student computers	Infrastructure upgrade (fiber, switches, wireless)	111,780
Driggs		PCs (67), Laptops (90)	145,115
	Instructional technology	SmartBoards (15)	69,705
			326,600
Waterbury	Student computers	Infrastructure upgrade (fiber, switches, wireless)	106,725
Hopeville		PCs (67), Laptops (90)	156,564
	Instructional technology	SmartBoards (13)	60,411
			323,700
Waterbury	Student computers	Infrastructure upgrade (fiber, switches, wireless)	228,589
North End		Laptops (120)	94,000
	Instructional technology	SmartBoards (13)	60,411

School	Project	Components	Total (\$)
			383,000
Waterbury	Student computers	Infrastructure upgrade (fiber, switches, wireless)	173,395
Wallace		Laptops (150)	117,500
	Instructional technology	SmartBoards (15)	69,705
			360,600
Waterbury	Student computers	Infrastructure upgrade (fiber, switches, wireless)	42,586
Walsh			42,586
Waterbury	Student computers	Infrastructure upgrade (fiber, switches, wireless)	74,880
Washington		PCs (129), Laptops (90)	188,597
	Instructional technology	SmartBoards (9)	41,823
			305,300
Waterbury	Student computers	Infrastructure upgrade (fiber, switches, wireless)	183,342
West Side		Laptops (150)	117,500
	Instructional technology	SmartBoards (14)	65,058
			365,900
Waterbury	Student computers	Infrastructure upgrade (fiber, switches, wireless)	91,730
Wilson		PCs (70), Laptops (120)	159,359
	Instructional technology	SmartBoards (13)	60,411
			311,500
Winchester	Student computers	Chromebooks (100), carts (4), wifi access	32,884
Pearson	Instructional technology	SmartBoards (8)	24,984
			57,868
Windham	Student computers	Lenovo laptops (275), carts (11)	99,810
Windham HS		Servers (2)	29,800
			129,610
TOTAL			3,255,390

Appendix C

Item #17: Connecticut Innovations Incorporated: For the Purposes of Grants-in-Aid from the Regenerative Medicine Research Fund

Grants-in-aid

2015 Regenerative Medicine Research Awards				
Title	Type	Institution	Principal Investigator	Award
Regenerative Medicine for Hypoparathyroidism	Established Investigator Grant	Yale University	Diane Krause	\$750,000
Engineered arteries and iPS-derived endothelium	Established Investigator Grant	Yale University	Laura E. Niklason	\$748,926
An Improved Model for Exploring Salamander Regeneration	Seed Grant	Yale University	Grant Parker Flowers	\$200,000
Mechanisms of In Vivo Cellular Dedifferentiation	Established Investigator Grant	Yale University	Craig Crews	\$750,000
Human neuroepithelial stem cells in spinal cord injury	Seed Grant	Yale University	Maria Teresa Dell'Anno	\$200,000
Generation of Human Hemogenic Endothelial Cells	Established Investigator Grant	Yale University	Karen K. Hirschi	\$750,000
Novel Insights and Approaches toward Accelerated Hematopoietic Regeneration	Established Investigator Grant	Yale University	Jun Lu	\$750,000
Continued Support and Technology Development for Shared Core Facilities at the Yale Stem Cell Center	Core Facility Grant	Yale University	Haifan Lin	\$499,926
Identification of functional alcohol dependence associated genetic polymorphism(s) using iPSC technologies	Established Investigator Grant	University of Connecticut Health Center	Jonathan Covault	\$748,925
Molecular definition and application of human privileged cells	Established Investigator Grant	Yale University	Shangqin Guo	\$750,000

2015 Regenerative Medicine Research Awards

Title	Type	Institution	Principal Investigator	Award
Targeted Investigation into the Causes and Amelioration of Vascular Proliferative Disease Using Patient-derived Induced Pluripotent Stem Cells	Established Investigator Grant	Yale University	Yibing Qyang	\$750,000
Patient specific neural stem cell mediated combination therapy for malignant gliomas	Established Investigator Grant	Yale University	Jiangbing Zhou (lead PI)	\$750,000
Preclinical Models of Human Lung Regeneration in COPD	Established Investigator Grant	MultiClonal Therapeutics	Wa Xian	\$750,000
UConn-Wesleyan Stem Cell Core	Core Facility Grant	University of Connecticut Health Center	Marc Lalande	\$500,000
Human intestine tissue model by 3D printing	Seed Grant	University of Connecticut	Kelly A. Burke	\$200,000
Polyphosphate-5-phosphatases enhance functional regeneration after spinal cord injury	Seed Grant	Yale University	William Ben Cafferty	\$200,000
Brain-on-chip	Seed Grant	Yale University	Gianfilippo Coppola	\$199,979
Human iPSC Modeling of Autism-associated Mutations in the Gene CHD8	Seed Grant	Yale University	Abha R. Gupta	\$200,000
Rotator Cuff Repair and Regeneration: Nanostructured Bioactive Scaffolds Augmented with Autologous Stem Cells	Established Investigator Grant	University of Connecticut Health Center	Sangamesh G. Kumbar	\$749,175
Exploring the therapeutic potential of inhibition of the DISC1 ubiquitination pathway for schizophrenia	Seed Grant	University of Connecticut Health Center	Bing Hao	\$199,986
Generation of neurons directly from glia with NeuroD1 transcription factor	Seed Grant	Yale University	Anthony N. van den Pol	\$200,000

2015 Regenerative Medicine Research Awards				
Title	Type	Institution	Principal Investigator	Award
Ossification of Skeletal Muscle by Altered Stem Cell Programming	Seed Grant	University of Connecticut	John Lees-Shepard	\$200,000
TOTAL				\$11,046,917

Appendix D

Item #27: Department of Housing: Flexible Housing Program

Loans and Grants-in-aid

Item	Recipient/Project	Location	Award Type	Description	Amount \$
A	Meriden Mills I, LLC	Meriden	Loan: 1% interest for thirty years	Development of 75 units of new rental housing, including 68 affordable and eight supportive units.	5,740,000
B	Neighborhood Housing Services of New Haven	New Haven	Grant-in-aid	Development of 17 affordable homeownership housing units and nine affordable rental housing units on scattered sites.	1,750,000
C	Omni Development Corporation	Waterbury	Loan: 1% interest for thirty years with payment deferred	Phase 2 development of 64 new units of affordable rental housing at Warner Gardens.	5,000,000
D	City of New Haven	New Haven	Grant-in-aid	Phase 2 of the New Haven neighborhood renewal program to provide development subsidies to create approximately 23 new affordable homeownership units.	2,475,000
TOTAL					14,965,000

Appendix E

Item #29: Department of Education: Grants-In-Aid to Assist Targeted Local and Regional School Districts for Alterations, Repairs, Improvements, Technology and Equipment in Low- Performing Schools

Grants-in-aid

School	Project	Components	Total (\$)
Ansonia	Science classrooms	Plumbing and drain work	
Ansonia HS		Desktop computers (6) & cart	6,324
		Furniture, fixtures & equipment	56,091
	Virtualization server	Server & installation	75,000
	Computer labs	Desktops (89) & installation	67,946
	Student computers	Chromebooks (156), carts (5)	59,910
	Teacher computers	Thinkpads (60)	27,000
	Instructional technology	SmartBoards (12)	43,740
	Gymnasium sound system	Equipment & labor	9,630
	Art lab	Furniture, fixtures & equipment	15,159
			381,000
Bridge Academy Charter	Student computers	Chromebooks (200) & carts (10)	71,000
	Renovations	Space renovation & remodel	197,000
			268,000
Bridgeport	Student computers	Chromebooks (630), Chromebases (120), carts (21)	239,344
Blackham	Teacher computers	Thinkpads (79)	117,430
	Instructional technology	SmartBoards (30)	100,590
	Classroom furniture	Furniture, fixtures & equipment	42,292
			499,656
Hamden	Student computers	Computer lab and classroom desktops (25)	41,500
Ridge Hill		Chromebooks (115) & carts (20)	60,050
		Special education iPads (10)	5,090
	Instructional technology	SmartBoard (1)	5,500

School	Project	Components	Total (\$)
	Interior improvements	Classroom divider & window	35,000
	Playground Improvements	Regrade, repave, and installation	79,520
	Classroom furniture	Adaptive chairs	7,200
	Exterior building improvements	Doors, security cameras, repave	60,000
			293,860
Hartford	Student computers	Chromebooks (120), carts (4), printers (3)	144,860
Burr	Interior improvements	Wall partitions	14,925
		Wifi hotspots	4,000
	Classroom furniture	Furniture, fixtures & equipment	32,057
	Instructional technology	SmartBoards (5) & flat screen TVs (3)	36,000
	Teacher computers	Lenova laptops (40)	58,750
			290,592
New Britain	Science and technology labs	Furniture, fixtures & equipment	72,053
Pulaski	Media arts program	Furniture, fixtures & equipment	23,447
	Interior improvements	Ceiling fans	1,500
			97,000
Norwich	Media center tech upgrades	Small form comp (20), laptops (10), LED TV	35,700
Veterans Mem		Wiring, carpet	33,000
	Video distribution	LED TV, equipment	7,000
	Student computers	Chromebooks (120), iPads (90)	63,200
	Instructional technology	SmartBoards (11)	44,000
	Teacher computers	Desktops (24), laptops (3), large format printer (1)	39,950
	Interior improvements	PA system	35,100
		Office reconfiguration	48,500
		Air conditioning units (20) & installation	50,000
		Awning	22,000
		Misc: AV, clocks, storage lockers	27,250
	Classroom furniture	Furniture, fixtures & equipment	54,300
			460,000

School	Project	Components	Total (\$)
Stamford	Interior improvements	Learning Commons furniture, carpet, labor	332,350
		Maker space furniture, printers, board, paint, labor	32,650
		Primary room upgrade	14,600
			379,600
Waterbury	Student computers	Infrastructure upgrade (fiber, switches, wireless)	146,531
		PCs (13), Laptops (120)	105,882
	Instructional technology	SmartBoards (21)	97,587
			350,000
Waterbury	Student computers	Infrastructure upgrade (fiber, switches, wireless)	120,120
		PCs (70), Laptops (120)	158,116
	Instructional technology	SmartBoards (12)	55,764
			334,000
Waterbury	Student computers	Infrastructure upgrade (fiber, switches, wireless)	-
		Laptops (90)	16,396
	Instructional technology	SmartBoards (24)	111,528
			127,924
TOTAL			3,481,632

Appendix F

Item #39: Office of Policy and Management: Local Capital Improvement Fund

LoCIP Grants

Municipality	FY17
Andover	28,323
Ansonia	183,253
Ashford	50,017
Avon	108,947
Barkhamsted	35,692
Beacon Falls	37,796
Berlin	126,789
Bethany	47,062
Bethel	119,172
Bethlehem	33,093
Bloomfield	124,840
Bolton	37,821
Bozrah	27,237
Branford	155,501
Bridgeport	2,374,132
Bridgewater	23,606
Bristol	475,834
Brookfield	104,868
Brooklyn	71,211
Burlington	74,435
Canaan	18,783
Canterbury	55,130
Canton	68,185
Chaplin	27,254
Cheshire	180,400
Chester	28,680
Clinton	84,125
Colchester	117,313
Colebrook	24,932
Columbia	39,693
Cornwall	32,569
Coventry	101,217

Municipality	FY17
Cromwell	84,537
Danbury	554,189
Darien	112,832
Deep River	30,471
Derby	109,507
Durham	52,432
East Granby	35,286
East Haddam	87,991
East Hampton	88,368
East Hartford	446,673
East Haven	219,803
East Lyme	120,181
East Windsor	78,338
Eastford	22,303
Easton	66,646
Ellington	106,719
Enfield	321,907
Essex	40,105
Fairfield	373,054
Farmington	137,501
Franklin	17,774
Glastonbury	204,413
Goshen	42,651
Granby	80,190
Greenwich	319,966
Griswold	94,617
Groton	214,072
Guilford	137,903
Haddam	73,641
Hamden	433,974
Hampton	28,694
Hartford	1,934,557
Hartland	19,109
Harwinton	50,006
Hebron	70,831
Kent	41,879
Killingly	141,039
Killingworth	53,448
Lebanon	71,696

Municipality	FY17
Ledyard	112,383
Lisbon	28,884
Litchfield	81,971
Lyme	25,766
Madison	109,978
Manchester	428,332
Mansfield	195,109
Marlborough	51,348
Meriden	525,697
Middlebury	55,554
Middlefield	31,880
Middletown	317,269
Milford	351,815
Monroe	134,510
Montville	147,104
Morris	21,686
Naugatuck	256,881
New Britain	1,003,987
New Canaan	116,074
New Fairfield	80,317
New Hartford	63,091
New Haven	1,603,034
New London	313,264
New Milford	192,641
Newington	209,841
Newtown	207,668
Norfolk	31,884
North Branford	88,766
North Canaan	29,454
North Haven	154,546
North Stonington	48,062
Norwalk	638,740
Norwich	322,978
Old Lyme	49,358
Old Saybrook	67,014
Orange	98,746
Oxford	95,165
Plainfield	125,953
Plainville	124,497

Municipality	FY17
Plymouth	96,614
Pomfret	46,950
Portland	63,429
Preston	44,551
Prospect	64,798
Putnam	82,002
Redding	69,407
Ridgefield	153,548
Rocky Hill	113,500
Roxbury	35,839
Salem	34,396
Salisbury	43,808
Scotland	21,296
Seymour	116,598
Sharon	48,779
Shelton	268,166
Sherman	26,023
Simsbury	157,504
Somers	88,675
South Windsor	163,674
Southbury	130,193
Southington	283,158
Sprague	26,251
Stafford	111,207
Stamford	842,577
Sterling	41,624
Stonington	109,735
Stratford	392,331
Suffield	92,624
Thomaston	52,830
Thompson	88,496
Tolland	116,116
Torrington	259,082
Trumbull	245,884
Union	14,971
Vernon	209,533
Voluntown	24,337
Wallingford	287,092
Warren	21,740

Municipality	FY17
Washington	51,918
Waterbury	1,302,143
Waterford	118,101
Watertown	154,296
West Hartford	432,145
West Haven	580,769
Westbrook	42,361
Weston	65,240
Westport	146,394
Wethersfield	183,003
Willington	58,389
Wilton	112,895
Winchester	89,048
Windham	266,853
Windsor	181,757
Windsor Locks	77,571
Wolcott	114,479
Woodbridge	64,481
Woodbury	77,611
Woodstock	83,450
Bantam(Bor.)	261
Danielson(Bor.)	2,744
Fenwick(Bor.)	826
Groton(Cityof)	17,049
Groton Long Point	3,206
Jewett City(Bor.)	2,419
Litchfield(Bor.)	689
Newtown(Bor.)	392
Stonington(Bor.)	1,445
Woodmont(Bor.)	267