NEW ISSUE - BOOK-ENTRY-ONLY

In the opinion of Palmer & Dodge LLP, Bond Counsel, based upon an analysis of existing law and assuming, among other matters, compliance with certain covenants, interest on the Bonds is excluded from gross income for federal income tax purposes under the Internal Revenue Code of 1986. Interest on the Bonds is not a specific preference item for purposes of the federal individual or corporate alternative minimum taxes, although such interest is included in adjusted current earnings when calculating corporate alternative minimum taxable income. Under existing law, interest on the Bonds is exempt from Massachusetts personal income taxes and the Bonds are exempt from Massachusetts personal property taxes. Bond Counsel expresses no opinion regarding any other tax consequences related to the ownership or disposition of, or the accrual or receipt of interest on, the Bonds. See "TAX EXEMPTION" herein.

THE COMMONWEALTH OF MASSACHUSETTS



\$400,000,000 General Obligation Bonds Consolidated Loan of 2005 Series B

The Bonds will be issued by means of a book-entry-only system evidencing ownership and transfer of the Bonds on the records of The Depository Trust Company, New York, New York ("DTC"), and its participants. Details of payment of the Bonds are more fully described in this Official Statement. The Bonds will bear interest from their date of delivery and interest will be payable on February 1, 2006 and semiannually thereafter on August 1 and February 1, calculated on the basis of a 360-day year of twelve 30-day months. The Bonds are subject to redemption prior to maturity, as more fully described herein.

The Bonds will constitute general obligations of The Commonwealth of Massachusetts (the "Commonwealth"), and the full faith and credit of the Commonwealth will be pledged to the payment of the principal of and interest on the Bonds. However, for information regarding certain statutory limits on state tax revenue growth and on expenditures for debt service, see "SECURITY FOR THE BONDS" (herein) and the Commonwealth Information Statement (described herein) under the headings "COMMONWEALTH REVENUES – Limitations on Tax Revenues" and "LONG-TERM LIABILITIES – General Authority to Borrow; Limit on Debt Service Appropriations."

The Bonds are offered when, as and if issued and received by the original purchasers, and subject to the unqualified approving opinion as to legality of Palmer & Dodge LLP, Boston, Massachusetts, Bond Counsel. Certain legal matters will be passed upon for the Commonwealth by Ropes & Gray LLP, Boston, Massachusetts, Disclosure Counsel. Settlement of the issue is expected at DTC in New York, New York, on or about August 18, 2005.

August 10, 2005

THE COMMONWEALTH OF MASSACHUSETTS \$400,000,000 General Obligation Bonds Consolidated Loan of 2005, Series B

Dated: Date of Delivery

Due: August 1, as shown below

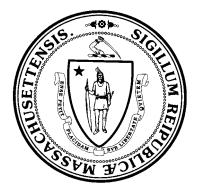
| <u>Maturity</u> | Amount | Interest Rate | Price or Yield |
|-----------------|--------------|---------------|----------------|
| | | | |
| 2006 | \$34,535,000 | 4.00% | 2.88% |
| 2007 | 35,505,000 | 5.00 | 2.99 |
| 2008 | 36,565,000 | 5.00 | 3.04 |
| 2009 | 37,715,000 | 5.00 | 3.34 |
| 2010 | 38,955,000 | 5.00 | 3.45 |
| 2011 | 40,280,000 | 5.00 | 3.57 |
| 2012 | 41,695,000 | 5.00 | 3.65 |
| 2013 | 43,245,000 | 5.00 | 3.75 |
| 2014 | 44,885,000 | 5.00 | 3.83 |
| 2015 | 46,620,000 | 5.00 | 3.91 |

No dealer, broker, salesperson or other person has been authorized by The Commonwealth of Massachusetts or the original purchasers of the Bonds to give any information or to make any representations, other than those contained in this Official Statement, and if given or made, such other information or representations must not be relied upon as having been authorized by either of the foregoing. This Official Statement does not constitute an offer to sell or a solicitation of any offer to buy nor shall there be any sale of the Bonds offered hereby by any person in any jurisdiction in which it is unlawful for such person to make such offer, solicitation or sale. The information obtained from other sources which are believed to be reliable, but is not guaranteed as to accuracy or completeness and is not to be construed as a representation by the original purchasers of the Bonds or, as to information from other sources, the Commonwealth. The information and expressions of opinion herein or included by reference herein are subject to change without notice and neither the delivery of this Official Statement nor any sale made hereunder shall, under any circumstances, create any implication that there has been no change in the affairs of the Commonwealth, or its agencies, authorities or political subdivisions, since the date hereof, except as expressly set forth herein.

TABLE OF CONTENTS

| INTRODUCTION | .1 |
|--|-----|
| PURPOSE AND CONTENT OF OFFICIAL STATEMENT | . 1 |
| THE BONDS | .2 |
| General | .2 |
| REDEMPTION | .2 |
| APPLICATION OF PROCEEDS OF THE BONDS | .2 |
| SECURITY FOR THE BONDS | |
| LITIGATION | .3 |
| BOOK-ENTRY-ONLY SYSTEM | |
| RATINGS | .5 |
| TAX EXEMPTION | |
| OPINION OF COUNSEL | |
| COMPETITIVE SALE OF BONDS | |
| CONTINUING DISCLOSURE | |
| MISCELLANEOUS | .7 |
| AVAILABILITY OF OTHER INFORMATION | .8 |
| APPENDIX A - Commonwealth Information Statement Supplement dated August 10, 2005 A | -1 |
| APPENDIX B - Proposed Form of Opinion of Bond Counsel | -1 |

THE COMMONWEALTH OF MASSACHUSETTS



CONSTITUTIONAL OFFICERS

| W. Mitt Romney | Governor |
|-------------------|--------------------------------|
| Kerry Healey | Lieutenant Governor |
| William F. Galvin | Secretary of the Commonwealth |
| Thomas F. Reilly | Attorney General |
| Timothy P. Cahill | Treasurer and Receiver-General |
| A. Joseph DeNucci | Auditor |

LEGISLATIVE OFFICERS

| Robert E. Travaglini | President of the Senate |
|----------------------|-------------------------|
| Salvatore F. DiMasi | Speaker of the House |

OFFICIAL STATEMENT

THE COMMONWEALTH OF MASSACHUSETTS

\$400,000,000 General Obligation Bonds Consolidated Loan of 2005, Series B

INTRODUCTION

This Official Statement (including the cover page and Appendices A through D attached hereto) provides certain information in connection with the issuance by The Commonwealth of Massachusetts (the "Commonwealth") of \$400,000,000 aggregate principal amount of its General Obligation Bonds, Consolidated Loan of 2005, Series B (the "Bonds"). The Bonds will be general obligations of the Commonwealth, and the full faith and credit of the Commonwealth will be pledged to the payment of the principal of and interest on the Bonds. However, for information regarding certain statutory limits on state tax revenue growth and expenditures for debt service, see "SECURITY FOR THE BONDS" and the Commonwealth Information Statement (described below) under the headings "COMMONWEALTH REVENUES – Limitations on Tax Revenues" and "LONG-TERM LIABILITIES – General Authority to Borrow; Limit on Debt Service Appropriations."

The Bonds are being issued to finance certain authorized capital projects of the Commonwealth. See "THE BONDS – Application of Proceeds of the Bonds."

The Bonds will be sold through a competitive, electronic bidding process on August 10, 2005 in accordance with the terms of the Official Notice of Sale attached hereto as Appendix C. As provided in the Official Notice of Sale, such bidding process may be postponed or cancelled by posting on the Commonwealth's electronic bidding website, <u>www.BidMass.com</u>.

Purpose and Content of Official Statement

This Official Statement describes the terms and use of proceeds of, and security for, the Bonds. This introduction is subject in all respects to the additional information contained in this Official Statement, including Appendices A through D. All descriptions of documents contained herein are only summaries and are qualified in their entirety by reference to each such document.

Specific reference is made to the Commonwealth's Information Statement dated March 17, 2005 (the "March Information Statement"), as it appears as Appendix A in the Official Statement dated March 17, 2005 of the Commonwealth with respect to the Commonwealth's General Obligation Bonds, Consolidated Loan of 2005, Series A (the "March Official Statement"). A copy of the March Official Statement has been filed with each Nationally Recognized Municipal Securities Information Repository currently recognized by the Securities and Exchange Commission and with the Municipal Securities Rulemaking Board. The information contained in the March Information Statement has been supplemented by the Commonwealth's Information Statement Supplement dated August 10, 2005 (the "August Supplement"), which is attached hereto as Appendix A. The March Information Statement and the August Supplement are referred to herein collectively as the "Information Statement". The Information Statement contains certain fiscal, budgetary, financial and other general information concerning the Commonwealth. Exhibit A to the Information Statement contains certain economic information concerning the Commonwealth. Exhibits B and C to the Information Statement contain the financial statements of the Commonwealth for the fiscal year ended June 30, 2004, prepared on a statutory basis and on a GAAP basis, respectively. Specific reference is made to said Exhibits A, B and C, copies of which have been filed with each Nationally Recognized Municipal Securities Information Repository currently recognized by the Securities and Exchange Commission. The financial statements are also available at the home page of the Comptroller of the Commonwealth located at http://www.mass.gov/osc by clicking on "Financial Reports/Audits".

Appendix B attached hereto contains the proposed form of legal opinion of Bond Counsel with respect to the Bonds. Appendix C attached hereto contains the Official Notice of Sale with respect to the Bonds. Appendix D attached hereto contains the proposed form of the Commonwealth's continuing disclosure undertaking to be included in the form of the Bonds to facilitate compliance by the initial purchasers of the Bonds with the requirements of paragraph (b)(5) of Rule 15c2-12 of the Securities and Exchange Commission.

THE BONDS

General

The Bonds will be dated their date of delivery and will bear interest from such date payable semiannually on February 1 and August 1 of each year, commencing February 1, 2006 (each an "Interest Payment Date") until the principal amount is paid. The Bonds will mature on August 1 in the years and in the aggregate principal amounts, and shall bear interest at the rates per annum (calculated on the basis of a 360-day year of twelve 30-day months), as set forth on the inside cover page of this Official Statement. The Commonwealth will act as its own paying agent with respect to the Bonds. The Commonwealth reserves the right to appoint from time to time a paying agent or agents or bond registrar for the Bonds.

Book-Entry-Only System. The Bonds will be issued by means of a book-entry-only system, with one note certificate immobilized at The Depository Trust Company, New York, New York ("DTC"). The certificates will not be available for distribution to the public and will evidence ownership of the Bonds in principal amounts of \$5,000 or integral multiples thereof. Transfers of ownership will be effected on the records of DTC and its participants pursuant to rules and procedures established by DTC and its participants. Interest and principal due on the Bonds will be paid in federal funds to DTC or its nominee as registered owner of the Bonds. As long as the book-entry-only system remains in effect, DTC or its nominee will be recognized as the owner of the Bonds for all purposes, including notices and voting. The Commonwealth will not be responsible or liable for maintaining, supervising or reviewing the records maintained by DTC, its participants or persons acting through such participants. See "BOOK-ENTRY-ONLY SYSTEM."

Redemption

The Bonds will not be subject to redemption prior to maturity.

Application of Proceeds of the Bonds

The Bonds are being issued pursuant to the provisions of Section 49 of Chapter 29 of the Massachusetts General Laws and bond authorizations enacted by the Legislature. The net proceeds of the sale of the Bonds, including any premium received by the Commonwealth upon original delivery of the Bonds, will be applied by the Treasurer and Receiver-General of the Commonwealth (the "State Treasurer") to the various purposes for which the issuance of bonds has been authorized pursuant to such special laws, or to the payment of bond anticipation notes previously issued for such purposes, or to reimburse the Commonwealth's treasury for expenditures previously made pursuant to such laws. Any remaining premium received by the Commonwealth upon original delivery of the Bonds and not applied to the various purposes for which bonds have been authorized will be applied to the costs of issuance thereof and other financing costs related thereto or, without appropriation, to the payment of the principal of or sinking fund installments with respect to the Bonds.

The purposes for which the Bonds will be issued have been authorized by the Legislature under various bond authorizations. The proceeds will be used to finance or reimburse the Commonwealth for a variety of capital expenditures that are included within the current capital spending plan established by the Executive Office for Administration and Finance. The plan, which is an administrative guideline and is subject to amendment at any time, sets forth capital spending allocations through fiscal 2008 and establishes annual capital spending limits. See the March Information Statement under the heading "COMMONWEALTH CAPITAL ASSET INVESTMENT PLAN."

SECURITY FOR THE BONDS

The Bonds will be general obligations of the Commonwealth to which its full faith and credit will be pledged for the payment of principal and interest when due. However, it should be noted that Chapter 62F of the Massachusetts General Laws imposes a state tax revenue growth limit and does not exclude principal and interest payments on Commonwealth debt obligations from the scope of the limit. It should be noted further that Section 60B of Chapter 29 of the Massachusetts General Laws imposes an annual limitation on the percentage of total appropriations that may be expended for payment of interest and principal on general obligation debt of the Commonwealth. These statutes are both subject to amendment or repeal by the Legislature. Currently, both actual tax revenue growth and annual general obligation debt service are below the statutory limits. See the Information Statement under the headings "COMMONWEALTH REVENUES – Limitations on Tax Revenues" and "LONG-TERM LIABILITIES – General Authority to Borrow; Limit on Debt Service Appropriations."

The Commonwealth has waived its sovereign immunity and consented to be sued on contractual obligations, including the Bonds, and all claims with respect thereto. However, the property of the Commonwealth is not subject to attachment or levy to pay a judgment, and the satisfaction of any judgment generally requires a legislative appropriation. Enforcement of a claim for payment of principal of or interest on the Bonds may also be subject to the provisions of federal or state statutes, if any, hereafter enacted extending the time for payment or imposing other constraints upon enforcement, insofar as the same may be constitutionally applied. The United States Bankruptcy Code is not applicable to the Commonwealth. Under Massachusetts law, the Bonds have all of the qualities and incidents of negotiable instruments under the Uniform Commercial Code. The Bonds are not subject to acceleration.

LITIGATION

No litigation is pending or, to the knowledge of the Attorney General, threatened against or affecting the Commonwealth seeking to restrain or enjoin the issuance, sale or delivery of the Bonds or in any way contesting or affecting the validity of the Bonds.

There are pending in courts within the Commonwealth various suits in which the Commonwealth is a defendant. In the opinion of the Attorney General, no litigation is pending or, to his knowledge, threatened which is likely to result, either individually or in the aggregate, in final judgments against the Commonwealth that would affect materially its financial condition. For a description of certain litigation affecting the Commonwealth, see the Information Statement under the heading "LEGAL MATTERS."

BOOK-ENTRY-ONLY SYSTEM

The Depository Trust Company, New York, New York, will act as securities depository for the Bonds. The Bonds will initially be issued as fully-registered securities registered in the name of Cede & Co. (DTC's partnership nominee) or such other name as may be requested by an authorized representative of DTC. One fully-registered Bond will be issued for each maturity set forth on the inside cover page hereof, each in the aggregate principal amount of such maturity, and will be deposited with DTC.

DTC is a limited-purpose trust company organized under the New York Banking Law, a "banking organization" within the meaning of the New York Banking Law, a member of the Federal Reserve System, a "clearing corporation" within the meaning of the New York Uniform Commercial Code and a "clearing agency" registered pursuant to the provisions of Section 17A of the Securities Exchange Act of 1934, as amended. DTC holds securities that its participants (the "DTC Participants") deposit with DTC. DTC also facilitates the post-trade settlement among DTC Participants of sales and other securities transactions in deposited securities, through electronic computerized book-entry transfers and pledges between DTC Participants' accounts. This eliminates the need for physical movement of securities certificates. DTC Participants include both U.S. and non-U.S. securities brokers and dealers, banks, trust companies, clearing corporations and certain other organizations. DTC is a wholly-owned subsidiary of The Depository Trust & Clearing Corporation ("DTCC"). DTCC, in turn, is owned by a number of the DTC Participants and members of the National Securities Clearing Corporation, Government Securities Clearing Corporation, MBS

Clearing Corporation and Emerging Markets Clearing Corporation (NSCC, GSCC, MBSCC and EMCC, respectively, also subsidiaries of DTCC), as well as by the New York Stock Exchange, Inc., the American Stock Exchange, LLC and the National Association of Securities Dealers, Inc. Access to the DTC system is also available to others such as both U.S. and non-U.S. securities brokers and dealers, banks, trust companies and clearing corporations that clear through or maintain a custodial relationship with a DTC Participant, either directly or indirectly (the "Indirect Participants"). The rules applicable to DTC and the DTC Participants are on file with the Securities and Exchange Commission. More information about DTC can be found at www.dtcc.com.

Purchases of Bonds under the DTC system must be made by or through DTC Participants, which will receive a credit for the Bonds in the records of DTC. The ownership interest of each actual purchaser of each Bond (the "Beneficial Owner") is in turn to be recorded on the DTC Participants' and Indirect Participants' records. Beneficial Owners will not receive written confirmation from DTC of their purchase. Beneficial Owners are, however, expected to receive written confirmations of their purchase providing details of the transaction, as well as periodic statements of their holdings, from the DTC Participant or Indirect Participant through which the Beneficial Owner entered into the transaction. Transfers of ownership interests in the Bonds will be accomplished by entries made on the books of DTC Participants acting on behalf of the Beneficial Owners. Beneficial Owners will not receive certificates representing their ownership interests in the Bonds, except in the event that use of the book-entry system for the Bonds is discontinued.

To facilitate subsequent transfers, all Bonds deposited by DTC Participants with DTC are registered in the name of DTC's partnership nominee, Cede & Co. or such other name as may be requested by an authorized representative of DTC. The deposit of the Bonds with DTC and their registration in the name of Cede & Co. do not effect any change in beneficial ownership. DTC has no knowledge of the actual Beneficial Owners of the Bonds; DTC's records reflect only the identity of the DTC Participants to whose accounts such Bonds are credited, which may or may not be the Beneficial Owners. The DTC Participants will remain responsible for keeping account of their holdings on behalf of their customers.

Conveyance of notices and other communications by DTC to DTC Participants, by DTC Participants to Indirect Participants and by DTC Participants and Indirect Participants to Beneficial Owners will be governed by arrangements among them, subject to any statutory or regulatory requirements as may be in effect from time to time.

Redemption notices shall be sent to DTC. If less than all of the Bonds are being redeemed, DTC's practice is to determine by lot the amount of the interest of each DTC Participant in such issue to be redeemed.

Neither DTC nor Cede & Co. (or other such nominee) will consent or vote with respect to the Bonds. Under its usual procedures, DTC mails an omnibus proxy to the Commonwealth as soon as possible after the record date. The omnibus proxy assigns Cede & Co.'s consenting or voting rights to those DTC Participants having the Bonds credited to their accounts on the record date (identified in a listing attached to the omnibus proxy).

THE COMMONWEALTH WILL NOT HAVE ANY RESPONSIBILITY OR OBLIGATION TO THE DTC PARTICIPANTS, THE INDIRECT PARTICIPANTS OR THE BENEFICIAL OWNERS WITH RESPECT TO THE ACCURACY OF ANY RECORDS MAINTAINED BY DTC OR BY ANY DTC PARTICIPANT OR INDIRECT PARTICIPANT, THE PAYMENT OF OR THE PROVIDING OF NOTICE TO THE DTC PARTICIPANTS, THE INDIRECT PARTICIPANTS OR THE BENEFICIAL OWNERS OR WITH RESPECT TO ANY OTHER ACTION TAKEN BY DTC AS BOND OWNER.

The principal of and interest and premium, if any, on the Bonds will be paid to Cede & Co., or such other nominee as may be requested by an authorized representative of DTC, as registered owner of the Bonds. Upon receipt of monies, DTC's practice is to credit the accounts of the DTC Participants on the payable date in accordance with their respective holdings shown on the records of DTC. Payments by DTC Participants and Indirect Participants to Beneficial Owners will be governed by standing instructions and customary

practices, as is now the case with municipal securities held for the accounts of customers in bearer form or registered in "street name," and will be the responsibility of such DTC Participant or Indirect Participant and not DTC or the Commonwealth, subject to any statutory and regulatory requirements as may be in effect from time to time. Payment of the principal of and interest and premium, if any, on the Bonds to DTC is the responsibility of the Commonwealth; disbursement of such payments to DTC Participants and Indirect Participants shall be the responsibility of DTC; and disbursement of such payments to Beneficial Owners shall be the responsibility of the DTC Participants and the Indirect Participants.

The Commonwealth cannot give any assurances that DTC Participants or others will distribute payments of principal of and interest on the Bonds paid to DTC or its nominee, as the registered owner, to the Beneficial Owners, or that they will do so on a timely basis or that DTC will serve and act in a manner described in this document.

Beneficial Owners of the Bonds will not receive or have the right to receive physical delivery of such Bonds and will not be or be considered to be the registered owners thereof. So long as Cede & Co. is the registered owner of the Bonds, as nominee of DTC, references herein to the holders or registered owners of the Bonds shall mean Cede & Co. and shall not mean the Beneficial Owners of the Bonds, except as otherwise expressly provided herein.

DTC may discontinue providing its services as securities depository with respect to the Bonds at any time by giving reasonable notice to the Commonwealth. Under such circumstances, in the event that a successor depository is not obtained, Bonds will be delivered and registered as designated by the Beneficial Owners. The Beneficial Owner, upon registration of Bonds held in the Beneficial Owner's name, will become the Bondowner.

The Commonwealth may decide to discontinue the use of the system of book-entry transfers through DTC (or a successor securities depository). In such event, Bonds will be delivered and registered as designated by the Beneficial Owners.

THE INFORMATION IN THIS SECTION CONCERNING DTC AND DTC'S BOOK-ENTRY SYSTEM HAS BEEN OBTAINED FROM SOURCES THAT THE COMMONWEALTH BELIEVES TO BE RELIABLE, BUT THE COMMONWEALTH TAKES NO RESPONSIBILITY FOR THE ACCURACY THEREOF.

RATINGS

The Bonds have been assigned ratings of "AA," "Aa" and "AA" by Fitch Ratings, Moody's Investors Service, Inc. and Standard & Poor's Ratings Services, respectively.

Such ratings reflect only the respective views of such organizations, and an explanation of the significance of such ratings may be obtained from the rating agency furnishing the same. There is no assurance that a rating will continue for any given period of time or that a rating will not be revised or withdrawn entirely by any or all of such rating agencies, if, in its or their judgment, circumstances so warrant. Any downward revision or withdrawal of a rating could have an adverse effect on the market prices of the Bonds.

TAX EXEMPTION

In the opinion of Palmer & Dodge LLP, Bond Counsel to the Commonwealth ("Bond Counsel"), based upon an analysis of existing laws, regulations, rulings, and court decisions, and assuming, among other matters, compliance with certain covenants, interest on the Bonds is excluded from gross income for federal income tax purposes under Section 103 of the Internal Revenue Code of 1986 (the "Code"). Bond Counsel is of the further opinion that interest on the Bonds is not a specific preference item for purposes of the federal individual or corporate alternative minimum taxes, although Bond Counsel observes that such interest is included in adjusted current earnings when calculating corporate alternative minimum taxable income.

Bond Counsel is also of the opinion that, under existing law, interest on the Bonds is exempt from Massachusetts personal income taxes, and the Bonds are exempt from Massachusetts personal property taxes. Bond Counsel has not opined as to other Massachusetts tax consequences arising with respect to the Bonds. Prospective purchasers of the Bonds should be aware, however, that the Bonds are included in the measure of Massachusetts estate and inheritance taxes, and the Bonds and the interest thereon is included in the measure of certain Massachusetts corporate excise and franchise taxes. Bond Counsel has not opined as to the taxability of the Bonds or the income therefrom under the laws of any state other than Massachusetts.

The Code imposes various requirements relating to the exclusion from gross income for federal income tax purposes of interest on obligations such as the Bonds. Failure to comply with these requirements may result in interest on the Bonds being included in gross income for federal income tax purposes, possibly from the date of original issuance of the Bonds. The Commonwealth has covenanted to comply with such requirements to ensure that interest on the Bonds will not be included in federal gross income. The opinion of Bond Counsel assumes compliance with these covenants. Bond Counsel has not undertaken to determine (or to inform any person) whether any actions taken (or not taken) or events occurring (or not occurring) after the date of issuance of the Bonds may adversely affect the value of, or the tax status of interest on, the Bonds. Further, no assurance can be given that pending or future legislation, including amendments to the Code, if enacted into law, or any proposed legislation, including amendments to the Code, if enacted into law, or any proposed legislation, will not adversely affect the value of, or the tax status of interest on, the Bonds. Prospective purchasers of the Bonds are urged to consult their own tax advisors with respect to proposals to restructure the federal income tax.

Although Bond Counsel is of the opinion that interest on the Bonds is excluded from gross income for federal income tax purposes and is exempt from Massachusetts personal income taxes, the ownership or disposition of, or the accrual or receipt of interest on, the Bonds may otherwise affect a holder's federal or state tax liability. Among other possible consequences of ownership or disposition of, or the accrual or receipt of interest on, the Bonds recipients of certain social security and railroad retirement benefits to take into account receipts or accruals of interest on the Bonds in determining the portion of such benefits that are included in gross income. The nature and extent of these other tax consequences will depend upon the particular tax status of the holder or the holder's other items of income or deduction. Bond Counsel expresses no opinion regarding any such other tax consequences, and holders of the Bonds should consult with their own tax advisors with respect to such consequences.

On the date of delivery of the Bonds, the original purchasers of the Bonds will be furnished with an opinion of Bond Counsel substantially in the form attached hereto as Appendix B – "Proposed Form of Opinion of Bond Counsel."

OPINION OF COUNSEL

The unqualified approving opinion as to the legality of the Bonds will be rendered by Palmer & Dodge LLP, of Boston, Massachusetts, Bond Counsel to the State Treasurer. The proposed form of the opinion of Bond Counsel relating to the Bonds is attached hereto as Appendix B. Certain legal matters will also be passed upon by Ropes & Gray LLP of Boston, Massachusetts, as Disclosure Counsel to the State Treasurer.

COMPETITIVE SALE OF BONDS

After bidding on August 10, 2005, the Bonds were awarded by the Commonwealth to Citigroup Global Markets Inc. as purchaser. The purchaser has supplied the information as to the public reoffering yields or prices of the Bonds set forth on the inside cover hereof. If all of the Bonds were resold to the public at such yields or prices, the purchaser has informed the Commonwealth that its total compensation is expected to be \$632,000.00. The purchaser may change the public offering yields or prices from time to time.

CONTINUING DISCLOSURE

In order to assist the initial purchasers in complying with paragraph (b)(5) of Rule 15c2-12, the Commonwealth will undertake in the Bonds to provide annual reports and notices of certain events. A description of this undertaking is set forth in Appendix C attached hereto.

For information concerning the availability of certain other financial information from the Commonwealth, see the Information Statement under the heading "CONTINUING DISCLOSURE."

MISCELLANEOUS

Any provisions of the constitution of the Commonwealth, of all general and special laws and of other documents set forth or referred to in this Official Statement are only summarized, and such summaries do not purport to be complete statements of any of such provisions. Only the actual text of such provisions can be relied upon for completeness and accuracy.

All estimates and assumptions in this Official Statement have been made on the best information available and are believed to be reliable, but no representations whatsoever are made that such estimates and assumptions are correct. So far as any statements in this Official Statement involve any matters of opinion, whether or not expressly so stated, they are intended merely as such and not as representations of fact. The various tables may not add due to rounding of figures.

The information, estimates and assumptions and expressions of opinion in this Official Statement are subject to change without notice. Neither the delivery of this Official Statement nor any sale made pursuant to this Official Statement shall, under any circumstances, create any implication that there has been no change in the affairs of the Commonwealth or its agencies, authorities or political subdivisions since the date of this Official Statement, except as expressly stated.

AVAILABILITY OF OTHER INFORMATION

Questions regarding this Official Statement or requests for additional financial information concerning the Commonwealth should be directed to Patrick F. Landers, III, Assistant Treasurer, Debt Management, Office of the Treasurer and Receiver-General, One Ashburton Place, 12th floor, Boston, Massachusetts 02108, telephone 617/367-3900 or Carlo DeSantis, Assistant Secretary for Capital Finance, Executive Office for Administration and Finance, State House, Room 373, Boston, Massachusetts 02133, telephone 617/727-2040. Questions regarding legal matters relating to this Official Statement and the Bonds should be directed to Walter J. St. Onge, III, Palmer & Dodge LLP, 111 Huntington Avenue, Boston, Massachusetts 02199, telephone 617/239-0389.

THE COMMONWEALTH OF MASSACHUSETTS

By /s/ Timothy P. Cahill Timothy P. Cahill

Treasurer and Receiver-General

By /s/ Eric A. Kriss

Eric A. Kriss Secretary of Administration and Finance

August 10, 2005

APPENDIX A

THE

COMMONWEALTH

OF

MASSACHUSETTS



INFORMATION STATEMENT SUPPLEMENT

Dated August 10, 2005

TABLE OF CONTENTS

INFORMATION STATEMENT SUPPLEMENT DATED AUGUST 10, 2005

| RECENT DEVELOPMENTS | 1 |
|--|-----------|
| Fiscal 2005 | 1 |
| Fiscal 2005 Tax Revenues | 3 |
| Fiscal 2006 | 4 |
| Fiscal 2006 Tax Revenues | 4 |
| Commonwealth Revenues | 6 |
| Selected Financial Data—Statutory Basis | 7 |
| Recent Financial Restructurings | 10 |
| Stabilization Fund and Disposition of Year-End Surpluses | 11 |
| CASH FLOW | |
| COMMONWEALTH CAPITAL ASSET INVESTMENT PLAN | |
| Capital Spending Plan | 13 |
| Central Artery/Ted Williams Tunnel Project | 15 |
| LONG-TERM LIABILITIES | |
| General Authority to Borrow | 20 |
| Debt Service Requirements on Commonwealth Bonds | 21 |
| STATE WORKFORCE | 22 |
| LEGAL MATTERS | 22 |
| Update of Existing Litigation | |
| CONTINUING DISCLOSURE | 26 |
| AVAILABILITY OF OTHER FINANCIAL INFORMATION | 27 |
| ECONOMIC INFORMATION | Exhibit A |

EXHIBITS (Exhibits B and C are included by reference and have been filed with Nationally Recognized Municipal Securities Information Repositories)

B. Statutory Basis Financial Report for the year ended June 30, 2004.

C. Comprehensive Annual Financial Report (GAAP basis) for the year ended June 30, 2004.

THE COMMONWEALTH OF MASSACHUSETTS



CONSTITUTIONAL OFFICERS

| W. Mitt Romney | Governor |
|-------------------|--------------------------------|
| Kerry Healey | Lieutenant Governor |
| William F. Galvin | Secretary of the Commonwealth |
| Thomas F. Reilly | Attorney General |
| Timothy P. Cahill | Treasurer and Receiver-General |
| A. Joseph DeNucci | Auditor |

LEGISLATIVE OFFICERS

| Robert E. | Travaglini | President | of the Senate |
|-------------|------------|-----------|---------------|
| Salvatore 1 | F. DiMasi | Speaker | of the House |

THE COMMONWEALTH OF MASSACHUSETTS INFORMATION STATEMENT SUPPLEMENT August 10, 2005

This supplement ("Supplement") to the Information Statement of The Commonwealth of Massachusetts (the "Commonwealth") dated March 17, 2005 (the "March Information Statement") is dated August 10, 2005, and contains information which updates the information contained in the March Information Statement. The March Information Statement appears in the Commonwealth's Official Statement dated March 17, 2005 with respect to its \$669,710,000 General Obligation Bonds, Consolidated Loan of 2005, Series A, a copy of which has been filed with each Nationally Recognized Municipal Securities Information Repository currently recognized by the Securities and Exchange Commission. This Supplement and the March Information Statement must be read together and in their entirety in order to obtain the appropriate fiscal, financial and economic information concerning the Commonwealth through August 10, 2005. All capitalized terms not otherwise defined in this Supplement shall have the meanings ascribed to them in the March Information Statement. Exhibit A to this Supplement, which is attached hereto, is the Statement of Economic Information as of July 1, 2005, which sets forth certain economic, demographic and statistical information concerning the Commonwealth. Exhibits B is the Statutory Basis Financial Report for the year ended June 30, 2004, and Exhibit C is the Comprehensive Annual Financial Report (GAAP basis) for the year ended June 30, 2004. Specific reference is made to said Exhibits B and C, copies of which have been filed with each Nationally Recognized Municipal Securities Information Repository currently recognized by the Securities and Exchange Commission (the "NRMSIRs"). The financial statements are also available at the home page of the Comptroller of the Commonwealth located at http://www.mass.gov/osc by clicking on "Financial Reports/Audits".

RECENT DEVELOPMENTS

Fiscal 2005 Appropriations

To date, appropriations for fiscal 2005, ended June 30, 2005, total \$23.075 billion. The General Appropriations Act provided for \$22.494 billion in budgetary spending. Appropriations totaling \$368.1 million in fiscal 2004 were authorized as prior appropriation continued (PAC's) allowing these funds to be spent in fiscal 2005. Supplemental appropriations to date total \$212.5 million.

In addition to this spending in the budgeted operating funds, the Commonwealth has significant "offbudget" expenditures in the amounts of dedicated sales taxes transferred to the MBTA and MSBA, projected to be in the amounts of \$704.8 million and \$395.7 million, respectively, and \$415.6 million of off-budget expenditures in the Medicaid program. See "SELECTED FINANCIAL DATA – Recent Financial Restructurings."

Since the March Information Statement, a number of supplemental budgetary appropriation bills have been filed. Some of the amounts requested in these bills have been appropriated, as described above, while other requested amounts remain pending before the Legislature. In addition, the governor has filed bills requesting new capital spending authorizations. These supplemental budgetary appropriations and capital authorization bills are as follows:

On March 24, 2005 the Governor filed legislation for supplemental appropriations totaling \$74.5 million. The supplemental items included \$40.6 million for costs associated with snow and ice removal, \$4.5 million for certain lease costs by the division of Capital Asset Management, \$1.5 million for the implementation of a small business initiative, and \$27.9 million for various other programs and services. In addition, the legislation also called for \$38.0 million in appropriations to be continued forward into fiscal 2006 to support expenditures originally recommended in the Governor's House 1 budget recommendation.

On May 10, 2005 the Governor filed legislation for supplemental appropriations totaling \$40.3 million. This legislation was necessary to address several current year deficiencies, including \$21.4 million for insurance premium costs at the Group Insurance Commission, and \$6.8 million for the Department of Correction. The

legislation also provided for \$6.1 million to fund a reserve to support salary adjustments resulting from signed collective bargaining agreements. In addition, the legislation also called for \$32.0 million in unexpended fiscal year 2005 appropriations to be continued forward and expended in fiscal 2006.

On June 16, 2005 the Governor signed into law \$79.6 million in supplemental appropriations. The legislation included previously requested and filed items including \$41.1 million for snow and ice removal, \$21.4 million for insurance premium costs and \$9.2 million for substance abuse treatment to ensure the receipt of \$14.5 million in federal funds from the Substance Abuse Block Grant. The legislation also included \$7.9 million for a variety of other programs and services.

On July 22, 2005, the Governor filed a \$513.7 million capital supplemental appropriation. This legislation would fund an off-budget Capital Investment Fund to support \$413.7 million in capital projects throughout the University of Massachusetts system and other state and community colleges for new science centers and for needed infrastructure restoration. The legislation would also provide \$100.0 million to cities and towns for local road and bridge repairs through the Commonwealth's Chapter 90 program. This transfer is reflected as a negative transfer to an off-budget fund in the statutory basis financial information shown on page A-8.

Since the March Information Statement, bond bills making capital spending authorizations have also been filed and approved, as follows:

On February 1, 2005, the Governor filed legislation entitled "An Act Relative to Expanding the Military Mission at Hanscom Air Force Base and Soldier Systems Center - Natick." This legislation authorizes the Commonwealth to issue up to \$261 million in general obligation bonds to expand facilities at Hanscom and Natick. This legislation allocated \$242 million to be spent for facilities at Hanscom and \$19 million at Natick. These expenditures are contingent upon receipt of commitments from the Department of Defense to move new missions and additional personnel to each facility. The Governor signed the bill into law on February 4, 2005.

On March 3, 2005, the Governor filed legislation entitled "Act Providing for the Massachusetts Opportunity Relocation and Expansion Jobs Programs for the Commonwealth." This legislation authorizes a total of \$300 million in general obligation bonds to support job creation programs. The Massachusetts Opportunity Relocation and Expansion ("MORE") Jobs Capital Program received authorization of \$200 million for a program to support businesses that are expanding or relocating in Massachusetts, adding a minimum of 100 new jobs and making infrastructure improvements. The MORE Jobs Partnership Program also would authorize \$100 million to promote the development of research and technology transfer facilities at public higher education institutions.

On May 5, 2005, the Governor filed legislation entitled "An Act Providing Capital Facility Repairs, Grants, and Improvements for the Commonwealth." This legislation authorizes the Commonwealth to issue up to \$950.2 million in general obligation bonds. The authorizations include: \$450 million for improvements to state facilities, including the University of Massachusetts and the state and community colleges, \$250 million for information technology improvements for the Commonwealth, \$125 million for a new state police crime lab, \$72 million for grants to cities and towns for public library projects, \$25 million for improvements to national guard facilities operated by the military division of the Commonwealth, \$15 million for improvements to medical examiner facilities, and \$13.2 million for the state match for federal capitalization grants related to the water pollution abatement trust.

On July 28, 2005 the Governor signed "An Act Relative to Financing the Production of Affordable Housing." The legislation authorizes \$100 million in general obligation bonds for the Affordable Housing Trust Fund and \$100 million in general obligation bonds for the Housing Stabilization Fund.

Fiscal 2005 Non-Tax Revenues

Non-tax revenues are now projected to be \$7.929 billion, \$364.6 million less than originally budgeted. Medicaid is projected to revert \$529.0 million in fiscal 2005. With this decrease in expected expenditures, there is an associated reduction in federal reimbursement revenue of \$265.0 million. In addition, projected revenue from the Registry of Deeds has been decreased by \$41.2 million. These changes are reflected in the projected fiscal 2005 Budgeted Operating Funds table on page A-8.

Fiscal 2005 Tax Revenues

Tax revenue collections for the fiscal 2005 totaled \$17,086.1 million, an increase of \$1,132.9 million or 7.1% over fiscal 2004. The following table shows monthly tax collections for fiscal 2005 and the change from tax collections in the same months in the prior year, both in dollars and as a percentage. The table also notes the amount of monthly tax collections that are dedicated to the MBTA and to the MSBA.

| Month | Tax Collections | Change From Prior Year | Percentage Change | MBTA Portion(2) | MSBA Portion | Collections, Net of MBTA and MSBA |
|-----------|--------------------|---------------------------|----------------------|--------------------|-----------------|---|
| July | \$1,127.2 | \$60.2 | 5.6% | \$59.2 | \$33.0 | \$1,035.0 |
| August | 1,192.1 | 102.4 | 9.4 | 56.5 | 33.0 | 1,102.6 |
| September | 1,697.8 | 55.8 | 3.4 | 60.5 | 33.0 | 1,604.3 |
| October | 1,098.7 | 23.1 | 2.2 | 56.3 | 33.0 | 1,009.4 |
| November | 1,119.0 | 73.5 | 7.0 | 52.4 | 33.0 | 1,033.6 |
| December | 1,587.0 | 133.0 | 9.1 | 67.5 | 33.0 | 1,486.5 |
| January | 1,685.3 | 178.2 | 11.8 | 66.1 | 33.0 | 1,586.2 |
| February | 849.2 | (53.3) | (5.9) | 47.8 | 33.0 | 768.4 |
| March | 1,556.9 | 186.8 | 13.6 | 62.2 | 33.0 | 1,461.7 |
| April | 2,016.9 | 196.0 | 10.8 | 55.4 | 33.0 | 1,928.5 |
| May | 1,327.1 | 121.3 | 10.1 | 57.3 | 33.0 | 1,236.9 |
| June | 1,829.0 | <u>56.0</u> | <u>3.2</u> | <u>63.5</u> | <u>66.0</u> | <u>1,699.6</u> |
| Total | <u>\$17,086.1</u> | \$1,132.9 | 7.1% | <u>\$704.8</u> | <u>\$395.7</u> | <u>\$15,985.6</u> |

Fiscal 2005 Budgeted Tax Collections (in millions) (1)

SOURCE: Executive Office for Administration and Finance.

(1) Totals may not add due to rounding.

(2) Includes adjustments of \$7.8 million on the account of the first quarter and \$13.9 million on account of the second quarter.

(3) Figures are preliminary.

The tax revenue increase of \$1,132.9 million over fiscal 2004 is attributable in large part to an increase of approximately \$305.8 million or 4.1% in withholding collections, an increase of approximately \$303.9 million or 22.0% in income tax estimated payments, an increase of approximately \$270.3 million or 23.1% in income tax payments with returns and bills and an increase of approximately \$137.2 million or 3.7% in sales and use tax collections.

On April 6, 2004, the Supreme Judicial Court held that the effective date of a provision of Chapter 186 of the Acts of 2002 amending the capital gains tax statute to impose new tax rates as of May 1, 2002 violates amendment article 44 of the Massachusetts Constitution. Since the statute has a severability clause, the court remanded the case to the Supreme Judicial Court for Suffolk County for further proceedings to determine whether the statute should be construed to impose the new tax rate beginning on January 1, 2003, or whether the statute instead should be construed to impose the new tax rate beginning on January 1, 2002. Included in the fiscal 2005 GAA were two sections concerning capital gains tax rates: one section providing that the effective date of the capital gains realized during January 1, 2002 to April 30, 2002. On April 26, 2005, the Supreme Judicial Court ruled that the exemption for taxpayers who paid taxes on capital gains realized during January 1, 2002 to April 30, 2002. On April 26, 2005, the Supreme Judicial Court ruled that the exemption for taxpayers who paid taxes on capital gains realized during January 1, 2002 to April 30, 2002 was not a "reasonable exemption" and again remanded the case to the Supreme Judicial Court for Suffolk County, which ordered that the new tax rate be imposed effective January 1, 2002 unless the Legislature took further action. See "LEGAL MATTERS" herein. The Department of Revenue estimates that the Commonwealth would collect an additional \$150 to \$200 million in taxes under the current January 1, 2002 effective date.

On June 10, 2005 the Governor filed legislation amending the capital gain tax laws by reinstating the capital gains tax rates that existed during the first four months of 2002 as the legal and enforceable tax rates applicable for the period. In addition, to comply with the Court's ruling, it would retroactively extend the applicability of those lower capital gains rates to all of calendar year 2002. This proposed legislation, along with various other proposals applicable to the Peterson v. Commissioner of Revenue case, is currently before the legislature, and, if enacted, it would result in a revenue reduction of \$300 to \$350 million, paid out as refunds.

See the March Information Statement under the heading "COMMONWEALTH REVENUES –Tax Revenue Forecasting; Fiscal 2005."

Fiscal 2006

On June 29, 2005, the Governor signed the General Appropriations Act for fiscal 2006. The budget as signed included \$23.810 billion in spending, reflecting vetoes making \$109.7 million in reductions compared to the conference committee budget as passed. The Legislature has subsequently overridden \$108.9 million of the Governor's vetoes, bringing the total value of the GAA to \$23.919 billion. The GAA (including overrides) budgets \$6.995 billion for Medicaid, \$3.772 billion for education excluding school building assistance, \$1.873 billion for debt service and \$11.279 billion for all other programs and services.

For the fiscal 2006 budget, the Executive Office for Administration and Finance and the House and Senate Committees on Ways and Means adopted different revenue estimates. The administration's estimate is for tax revenue of \$17.500 billion, 2.4% more than fiscal 2005 receipts of \$17.086 billion. The Ways and Means Committees have estimated tax revenue at \$17.283 billion, or 1.2% above actual fiscal 2005 receipts, including a base of \$17.1 billion (effectively equal to prior year collections), \$105.0 million in additional revenues assumed to result from tax loophole legislation currently pending, and \$78.0 million in revenues resulting from increased audits. Both the Legislature's and Governor's gross tax estimates include \$1.275 billion for the annual pension obligation, \$712.6 million in sales tax dedicated to the MBTA, and \$488.7 million in sales tax dedicated to the MSBA. These costs are deducted from the gross tax estimate to determine net tax revenue. The Governor's tax estimate is expected to be revised downward by approximately \$52.5 million on account of legal developments. See "Fiscal 2006 Tax Revenues below.

The conference committee budget included a \$600.0 million draw from the Stabilization Fund to support budgeted spending. The Governor returned the budget section that would have required this transfer with an amendment that would have reduced the transfer to \$114.0 million, the amount that would be necessary after his vetoes and if the Legislature revised its revenue estimate to the administration's \$17.500 million level, with further language that would reduce the amount drawn to the extent that tax revenue exceeded projections. The governor's proposed amendment remains pending before the Legislature. (As noted above, most of the vetoes were overridden.) The table on Page A-8 of this Information Statement Supplement headed "Budgeted Operating Funds Operations – Statutory Basis" uses the administration's tax revenue estimate of \$17.500 billion.

Fiscal 2006 Tax Revenues

Tax revenue collections for the first month of fiscal 2006, ended July 31, 2005, totaled \$1,188.9 million, an increase of \$61.9 million or 5.5% over the first month of fiscal 2005. The following table shows the tax collections for the first month of fiscal 2006 and the change from tax collections in the same month in the prior year, both in dollars and as a percentage. The table also notes the amount of tax collections in July that are dedicated to the MBTA and to the MSBA.

Fiscal 2006 Budgeted Tax Collections (in millions) (1)

| Month | Tax Collections | Change From Prior Year | Percentage Change | MBTA Portion(2) | MSBA Portion | Collections, Net of MBTA and MSBA |
|-------|--------------------|---------------------------|----------------------|--------------------|-----------------|---|
| July | <u>\$1,188.9</u> | <u>\$61.9</u> | <u>5.5%</u> | <u>\$63.7</u> | <u>\$44.6</u> | <u>\$1,080.6</u> |
| Total | <u>\$1,188.9</u> | <u>\$61.9</u> | 5.5% | <u>\$63.7</u> | <u>\$44.6</u> | <u>\$1,080.6</u> |

SOURCE: Executive Office for Administration and Finance.

(1) Figures are preliminary.

The year-to-date tax revenue increase of \$61.9 million over fiscal 2005 is attributable in large part to an increase of approximately \$39 million or 6.7% in withholding collections, an increase of approximately \$22 million or 6.4% in sales and use tax collections and an increase of approximately \$20.7 million or 84.0% in corporate and business collections, which are partially offset by changes in other revenues (net of refunds). July (year-to-date) collections exceeded the July benchmark by about \$56 million. The July benchmark was based on the administration's current tax revenue estimate of \$17.5 billion for fiscal 2006. This estimate is expected to be adjusted for federal telecoms (-\$13 million)*, a sales tax holiday (-\$14.5 million) and the personal exemption increase (-\$25 million) that will be certified in August.

^{*} In December 2004, the federal Internet Tax Freedom Act (ITFA) was renewed and the definition of "Internet Access" was expanded to include telecommunications services "purchased, used, or sold by a provider of Internet access to provide Internet access". As a result, Massachusetts will no longer be able to impose and collect the sales and use tax on such services beginning November 1, 2005.

Commonwealth Revenues - Budgeted Operating Funds (in millions)(1)

| | Fiscal 2001 | Fiscal 2002 | Fiscal 2003 | Fiscal 2004(7) | Estimated Fiscal 2005(7) | Projected Fiscal 2006 |
|--|-------------------|-------------------|---------------------|-------------------|-----------------------------|--------------------------|
| Tax Revenues: | | | | | | |
| Alcoholic Beverages | \$64.2 | \$65.4 | \$66.3 | \$67.9 | \$68.6 | \$67.2 |
| Banks | 179.6 | 137.0 | 344.5 | 238.7 | 198.9 | 207.0 |
| Cigarettes | 270.5 | 275.0 | 451.0 | 425.4 | 423.6 | 412.2 |
| Corporations | 945.3 | 586.7(4) | 799.4(4) | 997.6 | 1,062.7 | 1,156.1 |
| Deeds | 129.6 | 134.3 | 147.8 | 187.1 | 218.4 | 189.8 |
| Income | 9,902.7 | 7,912.9 | 8,026.1 | 8,830.3 | 9,690.2 | 9,811.7 |
| Inheritance and Estate | 203.4 | 200.5 | 181.3 | 194.7 | 255.1 | 243.0 |
| Insurance | 356.6 | 382.9 | 387.8 | 420.2 | 423.2 | 431.6 |
| Motor Fuel | 659.9 | 666.8 | 676.4 | 684.2 | 686.1 | 704.4 |
| Public Utilities | 86.7 | 88.5 | 40.6 | 64.7 | 71.1 | 70.0 |
| Racing | 7.5 | 2.7 | - | - | - | - |
| Room Occupancy | 149.6 | 123.3 | 120.0 | 94.9 | 97.8 | 106.5 |
| 1 5 | | | | | | |
| Sales: | | | | | | |
| Regular | 2,705.8 | 2,601.4 | 2,583.6 | 2,585.6 | 2,746.5 | 2,898.6 |
| Meals | 482.0 | 500.9 | 512.0 | 531.8 | 555.7 | 598.6 |
| Motor Vehicles | 568.0 | 593.6 | 612.5 | 625.8 | 584.2 | <u>596.3</u> |
| Sub-Total–Sales | 3,755.8 | 3,695.9 | 3,708.1 | 3,743.2 | 3,886.4 | 4,093.6 |
| Miscellaneous | 17.9 | 15.1 | 14.3 | 14.3 | 3.8 | 7.0 |
| | | | <u></u> | <u></u> | <u></u> | <u></u> |
| Total Tax Revenues | <u>16,729.2</u> | 14,287.1 | <u>14,963.8</u> (5) | <u>15,953.3</u> | <u>17,086.1</u> | <u>17,500.0</u> |
| MBTA Transfer | (654.6) | (664.3) | (684.3) | (684.3) | (704.8) | (712.6) |
| MSBA Transfer (2) | (00 1.0) | - | - | - | (395.7) | (488.7) |
| (-) | | | | | (<u>575.1</u>) | (100.7) |
| Total Budgeted Operating Tax Revenues | <u>16,074.6</u> | 13,622.8 | <u>14,279.5</u> | <u>15,269.0</u> | <u>15,985.6</u> | <u>16,298.7</u> |
| Non-Tax Revenues: | | | | | | |
| Federal Reimbursements | 3,974.2 | 4,334.9 | 4,523.6 | 5,098.5 | 4,563.2 | 5,133.0 |
| Departmental and Other Revenues | 1,425.9 | 1,485.2 | 1,494.8 | 1,847.7 | 1,960.1 | 1,944.6 |
| Inter-fund Transfers from Non - | 1,425.7 | 1,405.2 | 1,474.0 | 1,047.7 | 1,700.1 | 1,744.0 |
| Budgeted Funds and Other Sources (3) | 1,385.9 | 1,732.0 | 1,689.2 | 1,773.1 | 891.4(7) | 1,508.5 |
| Budgeted Non-Tax Revenues | 1,000.7 | 1,152.0 | 1,007.2 | 1,110.1 | <u>571.4(</u> /) | 1,000.0 |
| and Other Sources | 6,786.0 | 7,552.2 | 7,707.6 | 8,719.3 | 7,414.7 | 8,586.1 |
| und State Sources | 0,700.0 | 1,002.2 | <u>,,,,,,,,,</u> | 0,119.0 | <u>/, 11 1./</u> | 0,000.1 |
| Budgeted Revenues and Revenues from | | | | | | |
| Other Sources | <u>\$22,860.6</u> | <u>\$21,174.8</u> | <u>\$21,987.2</u> | <u>\$23,988.3</u> | <u>\$23,400.2</u> | <u>\$24,884.8</u> |

SOURCE: Executive Office for Administration and Finance.

(1) Totals may not add due to rounding. The table does not reflect inter-fund transfers among budgeted funds and other sources that have no effect on ending balances. Excludes certain miscellaneous taxes expended outside of the budgeted process.

(2) If the law that moved school building assistance to a non-budgeted expenditure and transferred a dedicated portion of the Commonwealth's sales tax to the MSBA had been in effect prior to fiscal 2005, transfers of sales tax revenue to the MSBA would have been \$316.2 million, \$365.4 million, \$383.2 million and \$551.4 million in fiscal 2001 through 2004, respectively. See the March Information Statement under the heading "SELECTED FINANCIAL DATA – Recent Financial Restructurings; *School Building Assistance Program*".

(3) Inter-fund Transfers from Non-budgeted Funds and Other Sources include profits from the State Lottery, spending of Tobacco Settlement funds, Abandoned Property proceeds, and transfers to the Uncompensated Care Pool, as well as other inter-fund transfers.

(4) The Department of Revenue estimates that as a result of the timing of federal tax legislation relating to the depreciation deduction for corporations and the Commonwealth's legislation in response, tax revenue collections in fiscal 2002 were reduced by approximately \$30 million and tax revenue collections in fiscal 2003 were increased by the same approximate amount.

(5) Includes approximately \$174.0 million in fiscal 2003 revenue resulting from a tax amnesty program.

(6) Beginning July 1, 2003, the Convention Center Fund, the Head Injury Treatment Services Fund and the Natural Heritage and Endangered Species Fund were reclassified as non-budgeted funds. Prior years have not been restated.

(7) Fiscal 2005 interfund transfers from non-budgeted funds and other sources includes a transfer to a non-budgeted Capital Investment Fund of \$513.7 million to support a proposed Higher Education and Local Aid transportation capital supplemental appropriation filed July 22, 2005. This use of funds reflects as a decrease to this Interfund Transfer category.

Selected Financial Data – Statutory Basis

The revenues and expenditures of the budgeted operating funds presented in the following table are derived from the Commonwealth's audited statutory basis financial statements for fiscal 2001 through 2004. Estimations for fiscal 2005 and projections for fiscal 2006 have been prepared by the Executive Office for Administration and Finance. The financial information presented includes all Budgeted Operating Funds of the Commonwealth. For fiscal 2002, the Commonwealth reported 63 budgeted operating funds. The fiscal 2003 GAA and the fiscal 2004 GAA included provisions closing certain funds. Effective June 30, 2003, 48 funds were closed. Additional funds have been transferred off-budget. Thirteen Budgeted Operating Funds remained as of July 1, 2004, which include the General Fund, the Highway Fund, the Stabilization Fund, the Tax Reduction Fund, the Temporary Holding Fund, the Intragovernmental Service Fund, the Workforce Training Fund, the Inland Fisheries and Game Fund, the Massachusetts Tourism Fund, the Children's and Seniors' Health Care Assistance Fund, the Collective Bargaining Reserve Fund, the Division of Energy Resources Credit Trust Fund and the Federal Medicaid Assistance Percentage Escrow Fund.

During a fiscal year there are numerous transactions among these budgeted funds, which from the fund accounting perspective create offsetting inflows and outflows. In conducting the budget process, the Executive Office for Administration and Finance excludes those inter-fund transactions that by their nature have no impact on the combined fund balance of the budgeted funds. The following table isolates this inter-fund activity from the budgeted sources and uses to align more clearly forecasts prepared during the budget process to the detailed fund accounting of the Commonwealth's annual financial statements.

| (in millions)(1) | | | | | | |
|--|------------------|------------------|-------------------------|------------------------|--------------------------|--------------------------|
| | Fiscal 2001 | Fiscal 2002 | Fiscal 2003 | Fiscal 2004 | Estimated Fiscal 2005 | Projected Fiscal 2006 |
| Beginning Fund Balances Reserved or Designated | \$278.5 | \$895.3 | \$195.2 | \$76.8 | \$664.6 | \$236.3 |
| Tax Reduction Fund | 7.2 | 33.6 | - | - | - | - |
| Stabilization Fund | 1,608.4 | 1,715.0 | 881.8 | 641.3 | 1,137.3 | 1,458.3 |
| Undesignated | 391.3 | 369.5 | 311.0 | 34.7 | 90.9 | <u>97.4</u> |
| Total | <u>2,285.4</u> | <u>3,013.3</u> | <u>1,388.0</u> | <u>752.8</u> (7) | <u>1,892.8</u> | <u>1,792.0</u> |
| Revenues and Other Sources | | | | | | |
| Tax Revenues (2) | 16,074.6 | 13,622.8 | 14,279.5(5) | 15,269.0 | 15,985.5 | 16,298.7(11) |
| Federal Reimbursements | 3,974.2 | 4,334.9 | 4,523.6 | 5,098.5 | 4,563.2 | 5,133.0 |
| Departmental and Other Revenues | 1,425.9 | 1,485.2 | 1,494.8 | 1,847.7 | 1,960.1 | 1,944.6 |
| Inter-fund Transfers from Non- budgeted Funds and Other | | | | | | |
| Sources (3) | <u>1,385.9</u> | <u>1,732.0</u> | <u>1,689.2</u> | <u>1,773.1</u> | <u>891.4(</u> 10) | <u>1,508.5</u> |
| Budgeted Revenues and Other | 22 0 (0 (| 01.154.0 | 21 00 7 1 | 22 000 2 | a a 400 a | 2 4 00 4 0 |
| Sources | 22,860.6 | 21,174.8 | <u>21,987.1</u> | <u>23,988.3</u> | 23,400.2 | 24,884.8 |
| Inter-fund Transfers Total Budgeted Revenues and Other | <u>931.0</u> | <u>1,874.4</u> | <u>3,310.5(</u> 6) | <u>2,058.7(</u> 8) | <u>1009.6</u> | <u>365.5</u> |
| Sources | 23,791.6 | 23,049.2 | 25,297.7 | <u>26,047.0</u> | 24,409.8 | 25,250.3 |
| Expenditures and Uses | | | | | | |
| Programs and Services (4) Inter-fund Transfers to Non- | 21,184.1 | 20,513.2 | 22,209.5 | 22,308.0 | 22,283.5 | 24,125.6 |
| budgeted Funds and Other Uses | <u>949.6</u> | <u>287.1</u> | <u>229.6</u> | <u>540.3</u> | <u>1,216.9</u> | <u>1,274.7</u> |
| Budgeted Expenditures and Other Uses | 22,133.7 | 22,800.3 | 22,439.1 | 22,848.3 | 23,500.4 | 25,400.3 |
| | | | | | | |
| Inter-fund Transfers Total Budgeted Expenditures and | <u>931.0</u> | <u>1,874.4</u> | <u>3,310.5(</u> 6) | <u>2,058.7(</u> 8) | <u>1009.6</u> | <u>365.5</u> |
| Other Uses | 23,064.7 | 24,674.7 | <u>25,749.6</u> | 24,907.0 | 24,510.0 | 25,765.8 |
| Excess (Deficiency) of Revenues and | | | | | | |
| Other Sources Over Expenditures and Other Uses | 726.8 | (1,625.4) | (451.9) | 1,140.0 | (100.2) | (515.5) |
| Other Oses | | | | | / | |
| Ending Fund Balances | 0050 | 1050 | - | | 2262 | 261 |
| Reserved or Designated | 895.3 | 195.2 | 76.8 | 664.6(9) | 236.3 | 26.1 |
| Tax Reduction Fund | 33.6 | | | | | |
| Stabilization Fund | 1,715.0 | 881.8 | 641.3 | 1,137.3 | 1,458.3 | 1,439.8 |
| Undesignated | <u>369.5</u> | <u>311.0</u> | <u>218.0</u> | <u>90.9</u> | <u>97.4</u> | <u>(189.5)</u> |
| Total | <u>\$3,013.3</u> | <u>\$1,388.0</u> | <u>\$936.1</u> (7) | <u>\$1,892.8</u> | <u>\$1,792.0</u> | <u>\$1,276.4</u> |
| | | | | | | |

Budgeted Operating Funds Operations -- Statutory Basis (in millions)(1)

SOURCE: Fiscal 2001-2004, Office of the Comptroller; fiscal 2005 and fiscal 2006, Executive Office for Administration and Finance, Office of the State Treasurer.

(1) Totals may not add due to rounding.

(2) Net of \$654.6 million in fiscal 2001, \$664.3 million in fiscal 2002, \$684.3 million in fiscal 2003, \$684.3 million in fiscal 2004, and an estimated \$704.8 million in fiscal 2005 and \$712.6 million in fiscal 2006 of dedicated sales tax transferred to the MBTA and moved off budget beginning in fiscal 2001. Net of \$395.7 million in fiscal 2005 and \$488.7 million in fiscal 2006 of dedicated sales tax transferred to the MSBA and moved off budget.

(3) Inter-fund Transfers from Non-budgeted Funds and Other Sources include profits from the State Lottery, spending of Tobacco Settlement funds, Abandoned Property proceeds, and transfers to the Uncompensated Care Pool, as well as other inter-fund transfers.

(4) The Executive Office for Administration and Finance estimates that approximately \$201.4 million in Medicaid expenditures were moved off-budget pursuant to the fiscal 2003 GAA and an additional \$75.3 million were transferred off budget in fiscal 2004. Total off-budget Medicaid expenditures in fiscal 2004 were \$288.5 million and are projected to be \$415.6 million in fiscal 2005 and \$333.5 million in fiscal 2006.

(5) Includes \$174.0 million in one-time revenue from tax amnesty program and approximately \$200.0 million from closing various so-called tax loopholes.

(6) Inter-fund transfers increased substantially in fiscal 2003 due to the elimination of a number of Budgeted Operating Funds pursuant to the

fiscal 2004 GAA, effective June 30, 2003.

- (7) The variance between fiscal 2003 ending fund balances and fiscal 2004 beginning fund balances reflect the transfer of the Convention Center Fund, Head Injury Trust Fund and Natural Heritage and Endangered Species Fund off budget.
- (8) Inter-fund transfers decreased in fiscal 2004 and 2005 due to the elimination of a number of Budgeted Operating Funds pursuant to the fiscal 2004 GAA and the fiscal 2005 GAA.
- (9) Includes \$270.0 million in fiscal 2004 FMAP revenue reserved for expenditure in fiscal 2005, \$75.0 million reserved for distribution to cities and towns in fiscal 2005, \$293.5 million in fiscal 2004 appropriations authorized to be expended in fiscal 2005, and \$26.1 million reserved for debt service.
- (10) Fiscal 2005 interfund transfers from non-budgeted funds and other sources includes a transfer to a non-budgeted Capital Investment Fund of \$513.7 million to support a proposed Higher Education and Local Aid transportation capital supplemental appropriation filed July 22, 2005. This use of funds reflects as a decrease to this Interfund Transfer category.
- (11) Based on Executive Office for Administration and Finance fiscal 2006 tax revenue estimate of \$17.500 billion.

Recent Financial Restructurings

The following table is presented for the purpose of clarifying the effect of the recent financial restructurings involving the Massachusetts Bay Transportation Authority, the Massachusetts School Building Authority, and the Medicaid Program on the Budgeted Operating Funds operations of the Commonwealth by identifying off-balance sheet items.

| | Fiscal <u>2001</u> | Fiscal 2002 | Fiscal 2003 | Fiscal <u>2004</u> | Estimated Fiscal 2005 | Projected Fiscal <u>2006</u> |
|---|-----------------------|--------------------|-----------------------|-----------------------|-----------------------------|------------------------------------|
| Revenues | | | | | | |
| Budgeted Revenues and Other Sources | \$22,860.6 | \$21,174.8 | \$21,987.1 | \$23,988.3 | \$23,400.2 | \$24,884.8(1) |
| Certain Off-Budget Revenues: | | | | | | |
| Dedicated Sales Tax Revenues Certain Non-Tax Revenues | 654.6 = | 664.3 | 684.3 <u>201.4</u> | 684.3 <u>329.2</u> | 1,100.5 <u>415.6</u> | 1,201.3 <u>333.5</u> |
| Subtotal | <u>654.6</u> | <u>664.3</u> | <u>885.7</u> | <u>1,013.5</u> | <u>1,516.1</u> | <u>1,534.8</u> |
| Total | 23,515.2 | <u>21,839.1</u> | <u>22,872.8</u> | <u>25,001.8</u> | <u>24,916.3</u> | <u>26,419.6</u> |
| Expenditures | | | | | | |
| Budgeted Expenditures and Other Uses | 22,133.7 | 22,800.3 | 22,439.1 | 22,848.3 | 23,500.4 | 25,400.3 |
| Certain Off- Budget Expenditures: | | | | | | |
| MBTA MSBA | 654.6 | 664.3 | 684.3 | 684.3 | 704.8 395.7 | 712.6 488.7 |
| ModA Medicaid | - | - | 201.4 | <u>329.2</u> | <u>415.6</u> | <u>488.7</u> <u>333.5</u> |
| Subtotal | <u>654.6</u> | <u>664.3</u> | 885.7 | <u>1,013.5</u> | <u>1,516.1</u> | <u>1,534.8</u> |
| Total | 22,788.3 | 23,464.6 | 23,324.8 | 23,861.8 | 25,016.5 | 26,935.1 |
| Excess (Deficiency) of Total Revenues Over Total Expenditures and Other Uses | <u>\$726.8</u> | <u>(\$1,625.4)</u> | <u>(\$451.9)</u> | <u>\$1,140.0</u> | <u>(\$100.2)</u> | <u>(\$515.5)</u> |

Budgeted Operating Funds Operations as Affected by Recent Financial Restructurings (in millions)

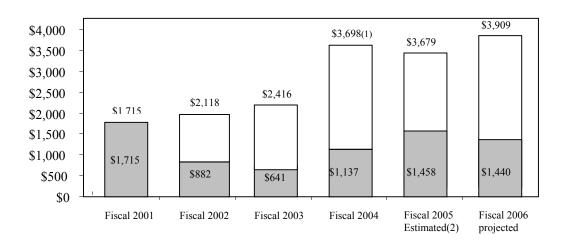
SOURCE: Executive Office for Administration and Finance.

(1) Based on Executive Office for Administration and Finance fiscal 2006 tax revenue estimate of \$17.500 billion.

See the March Information Statement under the heading "SELECTED FINANCIAL DATA – Recent Financial Restructurings".

Stabilization Fund and Disposition of Year-End Surpluses

The following graph sets forth ending balances in the Stabilization Fund for fiscal 2001 through fiscal 2004, and the estimate for fiscal 2005 and the projection for fiscal 2006. The total of each column equals the maximum balance permitted under the statutory formula, and the gray area shows the amount of the actual balance.



Stabilization Fund (in millions)

SOURCES: Fiscal 2001-2004 Office of the Comptroller; fiscal 2005 and 2006, Executive Office for Administration and Finance.

- (1) The fiscal 2004 GAA changed the ceiling on the balance of the Stabilization Fund from 10% to 15% of total current year revenues.
- (2) Fiscal 2005 is estimated assuming revenue and appropriations to date and that all supplemental appropriations filed by the governor to date, including the \$513 million capital supplement budget, are ultimately appropriated.

Cash Flow

On June 2, 2005 the State Treasurer and the Secretary of Administration and Finance released the most recent cash flow projection for fiscal 2005. The cash flow projection for fiscal 2005 is based on the GAA for fiscal 2005 and includes the value of all vetoes and subsequent overrides as well as all prior appropriations continued into fiscal 2005 from the prior fiscal year. The cash flow projection also reflects all 2004 supplemental appropriations bills either filed or enacted that would impact the Commonwealth's cash flow in fiscal 2005. It reflects authorized transfers between budgeted funds and certain reserve funds as provided for in the GAA and in subsequent legislation. The fiscal 2005 projection is based on the Executive Office for Administration and Finance's revised fiscal 2005 tax estimate released on April 5, 2005 of \$16.650 billion plus \$318 million in tax revenues that exceeded the revised April benchmark. The gross tax figure includes \$1.217 billion dedicated to the Commonwealth's fiscal 2005 projection. The figure excludes local option tax revenues of \$238.0 million.

The cash flow projection has a July 1, 2004 starting balance of \$2.617 billion and projects a June 30, 2005 ending balance of \$2.409 billion. These figures do not include balances in the Commonwealth's Stabilization Fund or certain other off-budget reserve funds, but do include monies sequestered to pay for capital projects totaling \$864.0 million and \$434.1 million, respectively. Excluding these sequestered capital funds, the Commonwealth's operating cash balance opened the year at \$1.753 billion, and is projected to end the year at \$2.310 billion, a \$557 million increase.

The Commonwealth's cash flow management incorporates the periodic use of commercial paper borrowing to meet cash flow needs for both capital and operating expenditures. In particular, the Commonwealth makes local aid payments of approximately \$1 billion to its cities and towns at the end of each calendar quarter, which in recent years has often resulted in short-term cash flow borrowings. The Commonwealth began fiscal 2005 with \$75.1 million in commercial paper outstanding in the form of Bond Anticipation Notes (BANs). In December 2004, the Commonwealth issued \$700 million of revenue anticipation notes (RANs) under its commercial paper program, bringing outstanding commercial paper to \$775.1 million. \$300 million of RANs were subsequently repaid and \$300 million of BANs were issued for capital purposes. As of March 1, 2005, a total of \$775.1 million in commercial paper was still outstanding. The Commonwealth retired the remaining \$400 million of RANs in April 2005.

The cash flow projection included an estimated \$1.733 billion in long-term borrowing for capital projects, including a \$316 million general obligation bond issue completed in August 2004, a \$317 million general obligation bond issue completed in October 2004, and a \$700 million general bond issue completed in March 2005. An additional general obligation bond issue of \$400 million in June 2005 was projected.

The June 2, 2005 cash flow forecast also includes an initial projection for fiscal 2006. The fiscal 2006 projection is based on the Governor's revised House 1 budget proposal. The Governor's budget proposal provides for budgetary appropriation of \$23.271 billion and is based upon a tax estimate of \$17.500 billion. The fiscal 2006 projection has an estimated opening balance of \$2.671 billion and an estimated ending balance of \$1.191 billion. Exclusive of segregated capital monies, the fiscal 2006 projection shows a decline in the Commonwealth's operating cash balance from \$2.310 billion on July 1, 2005 to \$1.356 million on June 30, 2006. A portion of the overall decline in the operating cash balance is due to the anticipated transfer of \$800.0 million to the Commonwealth's Stabilization Fund in November, and \$328.0 million in fiscal 2005 accounts payable spending for Medicaid occurring in July 2005. See "Recent Developments" starting on page A-1 for events since publication of the cash flow estimate that affect these projections.

The Commonwealth's next cash flow projection is expected to be released on or before August 31, 2005.

See the March Information Statement under the heading "DISCUSSION AND ANALYSIS OF FINANCIAL CONDITIONS AND RESULTS OF OPERATIONS – Cash Flow".

COMMONWEALTH CAPITAL ASSET INVESTMENT PLAN

Capital Spending Plan

The following table sets forth the current capital investment plan of the Executive Office for Administration and Finance. It contains current estimates for capital investment by the Commonwealth as well as the estimated sources of funding for such capital investments for fiscal 2005 through fiscal 2008. The projections assume an ongoing state borrowing program of \$1.25 billion annually after 2005 and additional borrowing of \$565 million in fiscal 2005 and \$435 million in fiscal 2006 for the MSBA.

| USES: | Fiscal <u>2000</u> | Fiscal <u>2001</u> | Fiscal <u>2002</u> | Fiscal <u>2003</u> | Fiscal <u>2004</u> | Estimated Fiscal <u>2005</u> | Projected Fiscal <u>2006</u> | Projected Fiscal <u>2007</u> | Projected Fiscal <u>2008</u> |
|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Information | \$68 | \$64 | \$86 | \$76 | \$75 | \$82 | \$82 | \$82 | \$82 |
| Technology | | | | | | | | | |
| Infrastructure | 197 | 179 | 235 | 274 | 251 | 293 | 320 | 320 | 320 |
| Environment | 142 | 140 | 156 | 134 | 113 | 131 | 131 | 131 | 131 |
| Housing | 80 | 79 | 106 | 112 | 121 | 123 | 123 | 123 | 123 |
| Public Safety | 15 | 23 | 8 | 37 | 20 | 24 | 24 | 24 | 24 |
| Transportation | | | | | | | | | |
| CA/T Project | 1,446 | 1,258 | 1,296 | 1,015 | 691 | 801 | 496 | - | - |
| Non-CA/T Project | 560 | 732 | 612 | 682 | 767 | 818 | 910 | 953 | 953 |
| Economic | | | | | | | | | |
| Development | | | | | | | | | |
| Convention Centers | 11 | 124 | 134 | 225 | 113 | 55 | - | - | - |
| Other | 87 | 102 | 99 | 86 | 64 | 53 | 44 | 44 | 44 |
| School Building | | | | | | | | | |
| Assistance | - | - | - | - | - | 565 | 435 | - | - |
| Reserve | | | | | | | | | |
| Total Uses: | <u>\$2,606</u> | <u>\$2,701</u> | <u>\$2,732</u> | <u>\$2,641</u> | <u>\$2,215</u> | <u>\$2,945(</u> 3) | <u>\$2,565</u> | <u>\$1,685</u> | <u>\$1,685</u> |
| SOURCES: | | | | | | | | | |
| Funds from General Obligation Debt | \$1,133 | \$1,489 | \$1,847 | \$1,472 | \$1,285 | \$2,097 | \$1,730 | \$1,289 | \$1,289 |
| Funds from Special Obligation Debt | - | 176 | 139 | 230 | 119 | 55 | - | - | - |
| Funds from Grant Anticipation Notes | 408 | 353 | 9 | 24 | - | - | - | - | - |
| Operating Revenues(4) | 96 | 141 | 195 | 354 | 133 | 152 | 195 | - | - |
| Third-Party Payments | 481 | 82 | 52 | 52 | 63 | 154 | 281 | - | - |
| Federal | 487 | 460 | 490 | 509 | 615 | 487 | 359 | 396 | 396 |
| Reimbursements | | | | | | | | | |
| Total Sources: | <u>\$2,606</u> | <u>\$2,701</u> | \$2,732 | <u>\$2,641</u> | \$2,215 | <u>\$2,945</u> | \$2,565 | <u>\$1,685</u> | <u>\$1,685</u> |

Commonwealth Historical and Proposed Capital Spending (in millions)(1)(2)

SOURCE: Executive Office for Administration and Finance.

(1) Totals may not add due to rounding.

(2) The Executive Office for Administration and Finance reviews capital expenditures on an annual basis and reserves the right to change out-year projections.

(3) Fiscal 2005 uses are as budgeted. Actual spending, excluding funding for the School Building Authority, is likely to be less than the budgeted amount.

(4) Operating revenues include Registry of Motor Vehicle fees transferred to the CA/T Project and the Statewide Road and Bridge Infrastructure Fund.

Central Artery/Ted Williams Tunnel Project

The largest single component of the Commonwealth's capital program in recent years has been the Central Artery/Ted Williams Tunnel Project (CA/T Project), a major construction project that is part of the completion of the federal interstate highway system. The CA/T Project involves the depression of a portion of Interstate 93 in downtown Boston (the Central Artery), formerly an elevated highway, and the construction of a new tunnel under Boston harbor (the Ted Williams Tunnel) linking the Boston terminus of the Massachusetts Turnpike (Interstate 90) to Logan International Airport and points north. The major elements of the CA/T Project are open to traffic, including the completed Interstate 93 southbound roadway. In addition, completion of the CA/T Project as a whole. The date of substantial completion of the CA/T Project is projected for September 22, 2005, with six of the original 60 ramps and certain aspects of surface restoration currently trending outside substantial completion. Four of those six ramps are trending not more than eight days late. Final surfacing of the surface roadways is likely to occur in the Spring of 2006. The CA/T Project is administered by the Massachusetts Turnpike Authority (Turnpike Authority).

The most recent CA/T Project cost/schedule update (CSU 11) was completed and filed by the Turnpike Authority on July 1, 2004. Under CSU 11, total project costs remain at \$14.625 billion. On April 1, 2005, the Turnpike Authority released an interim report revising certain elements of the budget in CSU 11. Revised figures in the April 1, 2005 report were based on utilization of contingency reserves, realization of cost savings and other factors. The total CA/T Project cost estimate of \$14.625 billion did not increase as the result of this revision. Because the CA/T Project is near completion, the Turnpike Authority does not contemplate conducting a new cost/schedule update this summer; however, it is continuing to publish monthly management reports, which include construction progress reports and updated completion and cost estimates.

As of June 30, 2005, approximately \$14.064 billion was under contract or agreement, which constitutes 96.2% of total budgeted costs for the CA/T Project. Moreover, as of June 30, 2005, CA/T Project construction was 97.0% complete, based on the CSU 11 construction budget.

Project Budget Oversight. In recent years, the Executive Office for Administration and Finance has engaged an independent consulting firm to review the annual CA/T Project cost/schedule update prepared by the Turnpike Authority. With respect to CSU 11, the report of the consulting firm concluded that the total cost estimate of \$14.625 was aggressive but did not recommend that the estimate be increased.

Increased federal oversight of the CA/T Project commenced in early 2000 following a federal task force's review of the February 1, 2000 announcement by project officials of substantially increased project cost estimates. In June 2000, the Federal Highway Administration designated the Turnpike Authority as a "high-risk grantee" with respect to activities related to the CA/T Project. The designation meant that more detailed financial reports and additional project monitoring would be required on the CA/T Project. On June 22, 2000, the Federal Highway Administration, the Executive Office of Transportation, the Turnpike Authority and the Massachusetts Highway Department signed a project partnership agreement setting out certain federal reporting and monitoring requirements for the project and stipulating that federal funding for the project will not exceed \$8.549 billion, including \$1.500 billion to pay the principal of federal grant anticipation notes.

On October 23, 2000, federal legislation was approved that requires the U. S. Secretary of Transportation to withhold obligation of federal funds and all project approvals for the CA/T Project in each federal fiscal year unless the Secretary has approved an annual update of the CA/T Project finance plan for such year and has determined that the Commonwealth is in full compliance with the June 22, 2000 project partnership agreement described above and is maintaining a balanced statewide transportation program, including spending at least \$400 million each state fiscal year for construction activities and transportation projects other than the CA/T Project. In addition, the legislation limited total federal funding to \$8.549 billion, consistent with the project partnership agreement. Finally, the legislation tied future federal funding for the project to an annual finding by the Inspector General of the U.S. Department of Transportation that the annual update of the CA/T Project finance plan is consistent with Federal Highway Administration financial plan guidance. Should any federal assistance be withheld from the project pursuant to such legislation, such funding would nonetheless be available to the Commonwealth for projects other than the CA/T Project. Moreover, the legislation provides that federal funds will not be withheld if the Secretary of

Administration and Finance certifies that such funds are required to pay all or any portion of the principal of federal grant anticipation notes issued for the CA/T Project.

The CA/T Project finance plans submitted pursuant to this legislation through October 2003 have received the requisite approvals. Through the federal fiscal year ended September 30, 2004 the CA/T Project had received obligation authority with respect to all but \$81 million of the federal financial assistance available to the project (other than amounts allocable to principal of federal grant anticipation notes). The remaining \$81 million was expected to be obligated by the end of June 2005, but has not yet been made available pending federal approval of the most recent finance plan, based on CSU 11, which was submitted on July 30, 2004.

Federal review of the 2004 finance plan is ongoing. Federal authorities requested information regarding the existence of certain leaks in the CA/T Project and subsequently reported satisfaction with the Turnpike Authority's plan for addressing the leaks. The Turnpike Authority believes that correcting the leak issues is within the scope of existing contracts and will not result in significant additional costs for either the Turnpike Authority or the Commonwealth. Federal authorities continue to withhold approval of the finance plan and the \$81million of federal obligation authority pending their determination that project costs, schedule and funding sources in the plan are reasonable. Federal authorities have requested information from the Turnpike Authority on back charges, cost recovery and liquidated damages associated with the CA/T Project. The 2004 finance plan includes among the sources of funding \$94 million to be realized from the disposition of the CA/T Project headquarters and contiguous parcels at Kneeland Street in Boston. Based on the response in December 2004 to a request for bids for the Kneeland Street property, the Turnpike Authority is no longer relying on this source of funding and is reviewing alternative sources (including in particular investment earnings on funds previously set aside to finance project costs and interest payments due to the CA/T Project). The Turnpike Authority has identified \$27 million in added interest earnings on the sale proceeds of certain land in Allston as a partial source of funding this amount. The Turnpike Authority is seeking to secure the remaining \$67 million from the Transportation Infrastructure Fund (TIF). No agreement has been reached regarding the use of additional amounts from the TIF or any other potential source of funding for the remaining \$67 million. The Commonwealth has not independently evaluated the adequacy of alternatives to replace the proceeds from a sale or lease of the Kneeland Street properties.

In the event that the 2004 finance plan is not approved prior to the end of the current federal fiscal year on September 30, 2005, the Commonwealth would expect to apply the \$81 million of unobligated authority to other eligible transportation projects within the Commonwealth and/or to principal of the grant anticipation notes and to reapply for \$81 million of federal obligation authority in the next federal fiscal year.

CA/T Project Cash Flow. The following table provides cash flow estimates that were presented in the 2004 finance plan based on CSU 11. Actual amounts and timing of construction costs may differ significantly from such estimates.

Central Artery Construction Cash Flow (in millions)(1)

| | Cumulative <u>Through 2004(2)</u> | Projected 2005 | Projected 2006 and After | Totals |
|---|--------------------------------------|----------------|-----------------------------|-----------------|
| Project Construction Uses: | <u>\$13,327</u> | <u>\$801</u> | <u>\$497</u> | <u>\$14,625</u> |
| Project Construction Sources: Federal Highway | | | | |
| Reimbursements (3) Commonwealth GO | 6,861 | 182 | 6 | 7,049 |
| Bond/Note (4) State Interest on Turnpike | 1,515 | 60 | 13 | 1,588 |
| Authority Funds | 45 | | | 45 |
| Third Party Contributions (5) | 1,668 | 11 | 281 | 1,960 |
| Grant Anticipation Notes Transportation Infrastructure | 1,500 | | | 1,500 |
| Fund (6) | 1,682 | 543 | 117 | 2,343 |
| Insurance Trust Revenue | 56 | 5 | 79 | 140 |
| Total Sources | <u>\$13,327</u> | <u>\$801</u> | <u>\$497</u> | <u>\$14,625</u> |

SOURCES: Massachusetts Turnpike Authority.

- (1) Totals may not add due to rounding.
- (1) This table is based on the Commonwealth's fiscal year, which ends on June 30; the Turnpike Authority's fiscal year ends on December 31.
- (2) Assumes that successor legislation to the federal Transportation Equity Act for the 21st Century will be passed for federal fiscal 2004 and subsequent years. Projections assume federal authorizations equal to federal fiscal 2003 in federal fiscal 2004 – 2006.
- (3) Does not include bonds or notes authorized by May 17, 2000 legislation, which are included in the TIF line.
- (4) Payments to be received from the Turnpike Authority and the Port Authority described in the October 2000, 2001 and 2002 Finance Plans, but excluding payments to be received from the Turnpike Authority and the Port Authority as required by May 17, 2000 legislation. (The latter payments are included in the TIF line). The fiscal year amounts assume that the Commonwealth will finance costs in anticipation of such receipts through cash advances funded by general revenues or through the issuance of interim debt, if necessary.
- (5) Central Artery and Statewide Road and Bridge Transportation Infrastructure Fund (TIF) established pursuant to legislation approved by the Governor on May 17, 2000. Includes \$200 million received from the Turnpike Authority and \$65 million received from the Massachusetts Port Authority.

In its interim report issued April 1, 2005 on the cost/schedule status of the CA/T Project, the Turnpike Authority included revised construction cash flow estimates, presented in the following table. Actual amounts and timing of construction costs may differ significantly from such estimates.

Central Artery Construction Cash Flow (in millions)(1)

| | Cumulative <u>Through 2004(2)</u> | Estimated 2005 | Projected 2006 and After | Totals |
|-------------------------------|--------------------------------------|----------------|-----------------------------|-----------------|
| Project Construction Uses: | <u>\$13,351</u> | <u>\$598</u> | <u>\$676</u> | <u>\$14,625</u> |
| Project Construction | | | | |
| Sources: | | | | |
| Federal Highway | | | | |
| Reimbursements (3) | 6,837 | 197 | 15 | 7,049 |
| Commonwealth GO | | | | |
| Bond/Note (4) | 1,515 | 60 | 13 | 1,588 |
| State Interest on Turnpike | | | | |
| Authority Funds | 45 | | | 45 |
| Third Party Contributions (5) | 1,662 | 8 | 224 | 1,893 |
| Grant Anticipation Notes | 1,500 | | | 1,500 |
| Transportation Infrastructure | | | | |
| Fund (6) | 1,741 | 329 | 340 | 2,410 |
| Insurance Trust Revenue | 52 | 5 | 83 | 140 |
| Total Sources | <u>\$13,351</u> | <u>\$598</u> | <u>\$676</u> | <u>\$14,625</u> |

SOURCES: Massachusetts Turnpike Authority.

- (1) Totals may not add due to rounding.
- (2) This table is based on the Commonwealth's fiscal year, which ends on June 30; the Turnpike Authority's fiscal year ends on December 31.
- (3) Assumes that successor legislation to the federal Transportation Equity Act for the 21st Century will be passed for federal fiscal 2005 and subsequent years. Projections assume federal authorizations equal to federal fiscal 2003 in federal fiscal 2004 2006.
 (4) Does not include bonds or notes authorized by May 17, 2000 legislation, which are included in the TIF line.
- (5) Payments to be received from the Turnpike Authority and the Port Authority described in the October 2000, 2001 and 2002 Finance Plans, but excluding payments to be received from the Turnpike Authority and the Port Authority as required by May 17, 2000 legislation. (The latter payments are included in the TIF line). The fiscal year amounts assume that the Commonwealth will finance costs in anticipation of such receipts through cash advances funded by general revenues or through the issuance of interim debt, if necessary.
- (6) Central Artery and Statewide Road and Bridge Transportation Infrastructure Fund (TIF) established pursuant to legislation approved by the Governor on May 17, 2000. Includes \$200 million received from the Turnpike Authority and \$65 million received from the Massachusetts Port Authority.

Claims and Economic Risks. The annual finance plan budgets for the potential cost of change orders and contractor claims on awarded and un-awarded contracts. The Claims and Changes Department of the CA/T Project has made substantial progress in recent years in resolving contractor claims, although significant items remain open. The CA/T Project reports that recent settlements have been within expectations on an overall basis and that contingency reserves are expected to be adequate.

Financial difficulties could affect the ability of a contractor to complete CA/T Project contract work. If an affected contractor with significant critical path contract work toward an overall project completion milestone were to become insolvent, or otherwise fail to complete its contract work, it is possible that there would be a substantial or material impact on CA/T Project schedule and cost, although the likelihood and potential severity of such impact diminish as the CA/T Project progresses towards completion.

Recent media reports refer to the financial difficulties of a particular CA/T Project contractor. The Turnpike Authority is monitoring that contractor's progress with respect to its obligations under CA/T Project contracts and its continuing ability to complete those obligations on an ongoing basis. The contractor continues to

progress its work on the CA/T Project, and the Turnpike Authority has not received information that the contractor's financial status will prevent its contractual obligations from being met or the CA/T Project from being completed in accordance with the current schedule.

Media reports have discussed a number of water infiltration problems in the project's tunnels. The Turnpike Authority and project staff have indicated that the tunnels have been surveyed, flaws have been identified, and remedies have been designed and are being implemented, including the repair of flaws in tunnel walls and the sealing of leaks at a large number of tunnel wall and roof interfaces. Amounts spent and anticipated to be spent by the CA/T Project for these purposes are expected to fall within the \$14.625 billion finance plan. A continuing program to identify and seal leaks will, however, be necessary indefinitely. This program and any additional maintenance and repairs necessitated by continuing infiltration will require higher maintenance costs in the future. The Turnpike Authority has estimated that it will assume responsibility for ongoing leak repairs from the project and its contractors in 2007 at an initial cost of \$1.3 million for that year declining to \$156,000 in 2010 and thereafter, excluding inflation. An independent evaluation has suggested that, based on current productivity compared to that assumed in the Turnpike Authority's estimate, the cost could be double the amount projected and warns that the estimate is based on experience with the ongoing leak repair program for the Callahan Tunnel, which does not share the CA/T's slurry wall construction. The Turnpike Authority's current operation and maintenance budget does not specifically include amounts for leak repairs and maintenance.

MassHighway Safety Review. On March 15, 2005 the Governor directed the Executive Office of Transportation and the Massachusetts Highway Department to conduct an examination of the safety of the tunnel elements of the CA/T Project open to traffic. This examination is ongoing.

Federal Safety Review. In December 2004 a team of Federal Highway Administration (FHWA) experts from around the United States, including geotechnical and hydraulics experts and structural engineers, conducted a tunnel leak assessment of the CA/T Project. On April 4, 2005, FHWA Administrator Mary E. Peters wrote to the Chairman of the Turnpike Authority, stating that the FHWA had completed its interim leak assessment report and stating: "In summary, FHWA found that the CA/T is structurally sound and remains safe for traffic." The letter further stated that the FHWA will issue another report upon completion of slurry wall inspections, sealing of low-level leaks and repair of slurry wall defects.

LONG-TERM LIABILITIES

General Authority to Borrow

The following table sets forth the amount of Commonwealth debt and debt related to general obligation contract assistance liabilities outstanding as of July 1, 2005.

Commonwealth Debt and Debt Related to General Obligation Contract

Assistance Liabilities As of July 1, 2005

(in thousands)

| | Long-Term (4) | Short-Term |
|---|-----------------------------|------------------|
| COMMONWEALTH DEBT | | |
| General Obligation Debt | \$14,464,774(5)(8) | \$140,100(7) |
| Special Obligation Debt (1) | 1,594,325(8) | - |
| Federal Grant Anticipation Notes (2) | 1,907,340(6) | |
| Subtotal Commonwealth Debt | \$17,966,439 | <u>\$140,100</u> |
| DEBT RELATED TO GENERAL OBLIGATION CONTRACT ASSISTANCE LIABILITIES (3) | | |
| Massachusetts Convention Center Authority | \$ 35,006 | - |
| Massachusetts Development Finance Agency | 21,765 | - |
| Foxborough Industrial Development Financing Authority Subtotal GO Contract Assistance Debt | <u>62,160</u> \$ 118,931 | <u> </u> |
| TOTAL | <u>\$18,085,370</u> | <u>\$140,100</u> |

SOURCE: Office of the State Treasurer, Office of the Comptroller and respective authorities and agencies.

- (1) Includes \$116.0 million of bonds, which, although not legally defeased, will be paid in fiscal 2006 and 2008 from funds held in escrow by a third-party trustee. Also includes a second series of \$216.7 million of bonds, which, although not legally defeased, will be paid in fiscal 2006, 2008 and 2012 from funds held in escrow by a third-party trustee.
- (2) Includes \$408.0 million of federal grant anticipation notes which, although not legally defeased, will be paid in fiscal 2009 and fiscal 2011 from funds held in escrow by a third-party trustee.
- (3) Does not include general obligation contract assistance liabilities to the Massachusetts Water Pollution Abatement Trust and the Massachusetts Turnpike Authority.
- (4) Long-term debt includes discount and costs of issuance.
- (5) Includes interest on Commonwealth general obligation capital appreciation bonds to be accrued from July 1, 2005 through their maturity in the amount of \$53.8 million.
- (6) Includes capital appreciation interest accrued from July 1, 2005 through their maturity in the amount of \$33.0 million.
- (7) Includes \$75.1 million of commercial paper issued as bond anticipation notes in anticipation of certain payments to be received by the Commonwealth from the Massachusetts Port Authority to reimburse the Commonwealth for capital costs of the CA/T Project. Also includes \$65.0 million of commercial paper issued as bond anticipation notes in anticipation of bonds to be issued for capitalization of certain payments of the School Building Assistance Authority.
- (8) Amounts are preliminary.

Debt Service Requirements on Commonwealth Bonds

The following table sets forth, as of July 1, 2005, the annual fiscal year debt service requirements on outstanding Commonwealth general obligation bonds, special obligation bonds and federal grant anticipation notes. For variable rate bonds with respect to which the Commonwealth is a fixed-rate payor under an associated interest rate exchange agreement, the debt service schedule assumes payment of the fixed rate due under such agreement. For other variable rate bonds and for auction rate securities, the schedule assumes a 5% interest rate.

| General Obligation Bonds | | | | | Federal Grant Anticipation Notes | | | Special Obligation Bonds | | | |
|--------------------------|-----------------|------------------------------------|------------------|--------------|----------------------------------|-----------|-------------|--------------------------|----------------|-------------|--|
| Fiscal Year | Principal | Interest on CABS at Maturity | Current Interest | Sub Total | Principal | Interest | Sub Total | Principal | Interest | Sub Total | Total Debt Service Commonwealth Bonds |
| | | | | | | | | | | | |
| 2006 | \$847,216 | \$4,536 | \$674,648 | \$1,526,400 | \$117,895 | \$93,817 | \$211,712 | \$28,565 | \$91,540 | \$120,105 | \$1,858,217 |
| 2007 | 905,979 | 5,189 | 674,922 | 1,586,089 | 123,825 | 87,887 | 211,712 | 37,605 | 85,067 | 122,672 | 1,920,474 |
| 2008 | 920,765 | 5,801 | 629,361 | 1,555,926 | 130,240 | 81,469 | 211,709 | 40,205 | 81,836 | 122,041 | 1,889,676 |
| 2009 | 919,081 | 6,904 | 583,260 | 1,509,244 | 137,230 | 74,478 | 211,708 | 42,020 | 78,982 | 121,002 | 1,841,954 |
| 2010 | 841,577 | 6,913 | 536,505 | 1,384,995 | 158,815 | 66,835 | 225,650 | 44,015 | 76,996 | 121,011 | 1,731,655 |
| 2011 | 849,085 | 7,202 | 490,509 | 1,346,796 | 214,620 | 57,206 | 271,826 | 46,190 | 73,734 | 119,924 | 1,738,546 |
| 2012 | 723,871 | 7,391 | 444,388 | 1,175,649 | 226,420 | 45,694 | 272,114 | 48,590 | 71,354 | 119,944 | 1,567,707 |
| 2013 | 789,550 | 8,157 | 404,249 | 1,201,955 | 208,410 | 35,110 | 243,520 | 51,115 | 68,802 | 119,917 | 1,565,391 |
| 2014 | 686,188 | 6,197 | 366,004 | 1,058,390 | 302,820 | 21,697 | 324,517 | 49,435 | 66,015 | 115,450 | 1,498,357 |
| 2015 | 666,726 | 5,590 | 331,514 | 1,003,830 | 287,065 | 7,185 | 294,250 | 98,520 | 63,447 | 161,967 | 1,460,047 |
| 2016 | 707,467 | 4,180 | 299,378 | 1,011,026 | - | - | - | 102,505 | 58,176 | 160,681 | 1,171,707 |
| 2017 | 717,629 | 2,673 | 264,594 | 984,896 | - | - | - | 98,382 | 52,692 | 151,074 | 1,135,970 |
| 2018 | 516,980 | 1,943 | 232,711 | 751,634 | - | - | - | 70,795 | 47,315 | 118,110 | 869,744 |
| 2019 | 520,445 | 1,338 | 206,073 | 727,856 | - | - | - | 74,530 | 43,696 | 118,226 | 846,083 |
| 2020 | 573,248 | 714 | 178,534 | 752,496 | - | - | - | 78,575 | 39,691 | 118,266 | 870,762 |
| 2021 | 769,393 | 530 | 143,546 | 913,469 | - | - | - | 82,680 | 35,620 | 118,300 | 1,031,769 |
| 2022 | 556,285 | 315 | 110,074 | 666,673 | - | - | - | 87,055 | 31,283 | 118,338 | 785,011 |
| 2023 | 434,262 | 167 | 85,081 | 519,511 | - | - | - | 49,718 | 26,842 | 76,560 | 596,071 |
| 2024 | 303,666 | 65 | 66,564 | 370,295 | - | - | - | 31,820 | 24,781 | 56,601 | 426,896 |
| 2025 | 226,982 | 6 | 53,663 | 280,651 | - | - | - | 33,535 | 23,110 | 56,645 | 337,296 |
| 2026 | 79,450 | - | 43,560 | 123,010 | - | - | - | 35,345 | 21,350 | 56,695 | 179,705 |
| 2027 | 175,820 | - | 38,277 | 214,097 | - | - | - | 37,250 | 19,494 | 56,744 | 270,841 |
| 2028 | 101,915 | - | 31,158 | 133,073 | - | - | - | 39,260 | 17,538 | 56,798 | 189,871 |
| 2029 | 178,335 | - | 24,000 | 202,335 | _ | - | _ | 41,375 | 15,477 | 56,852 | 259,187 |
| 2030 | 184,090 | - | 14,580 | 198,670 | _ | - | _ | 43,720 | 13,305 | 57,025 | 255,695 |
| 2031 | 192,960 | - | 4,669 | 197,629 | _ | - | _ | 46,310 | 10,791 | 57,101 | 254,730 |
| 2031 | | _ | - | 197,029 | | | | 49,050 | 8,128 | 57,178 | 57,178 |
| 2032 | _ | - | _ | - | | | | 51,755 | 5,308 | 57,063 | 57,063 |
| 2033 | - | - | - | - | | | | 54,405 | 2,720 | 57,125 | 57,005 |
| 2034 | - | - | - | - | | | | 54,405 | 2,720 | 57,125 | 57,125 |
| TOTAL | \$14,388,964(3) | \$75,810 | \$6,931,821 | \$21,399,564 | \$1,907,340(1) | \$571,377 | \$2,478,717 | \$1,594,325(2)(3) | \$1,255,091(2) | \$2,849,416 | \$26,724,728 |

Debt Service Requirements on Commonwealth Bonds July 1, 2005

(in thousands)

SOURCE: Office of the State Treasurer and Office of the Comptroller.

(1) Includes \$408.0 million of federal grant anticipation notes which, although not legally defeased, will be paid in fiscal 2009 and fiscal 2011 from funds held in escrow by a third-party trustee.

(2) Includes \$116.0 million of bonds, which, although not legally defeased, will be paid in fiscal 2006 and 2008 from funds held in escrow by a third-party trustee. Also includes a second series of \$216.7 million of bonds, which,

although not legally defeased, will be paid in fiscal 2006, 2008 and 2012 from funds held in escrow by a third-party trustee.

(3) Amounts are preliminary.

STATE WORKFORCE

The following table sets forth information regarding the Commonwealth's workforce as of the end of fiscal years 2000 through 2005.

Budget-Funded Workforce (1)

| | June 2000 | June 2001 | June 2002 | June 2003 | June 2004 | June 2005 |
|--------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Executive Office | 89 | 88 | 72 | 86 | 65 | 63 |
| Office of the Comptroller | 106 | 109 | 107 | 102 | 102 | 124 |
| Executive Departments | | | | | | |
| Administration and Finance | 3,225 | 3,180 | 2,974 | 2,921 | 2,791 | 2,913 |
| Environmental Affairs | 2,583 | 2,555 | 2,312 | 2,156 | 1,997 | 1,984 |
| Housing and Community Development | 111 | 117 | 109 | 98 | 92 | 94 |
| Health and Human Services | 23,483 | 23,157 | 21,803 | 21,440 | 20,682 | 21,066 |
| Transportation and Construction | 1,284 | 1,254 | 843 | 445 | 344 | 314 |
| Board of Library Commissioners | 20 | 20 | 18 | 13 | 12 | 11 |
| Economic Development | 1,160 | 1,140 | 1,094 | 922 | 879 | 935 |
| Department of Education | 270 | 272 | 277 | 248 | 223 | 241 |
| Board of Higher Education | 15,251 | 15,481 | 14,038 | 14,117 | 11,844 | 13,198 |
| Public Safety | 9,409 | 9,686 | 9,567 | 9,148 | 8,765 | 8,934 |
| Elder Affairs | 38 | 41 | 43 | 38 | 28 | 51 |
| Subtotal under Governor's authority | 57,029 | 57,100 | 53,257 | 51,734 | 47,824 | 49,926 |
| Judiciary | 8,013 | 7,944 | 7,379 | 7,233 | 7,175 | 7,435 |
| Other (2) | 7,171 | 7,418 | 7,119 | 7,056 | 7,020 | 7,152 |
| Total | 72,213 | 72,462 | 67,755 | 66,024 | 62,019 | 64,513 |

SOURCE: Executive Office for Administration and Finance

(1) Excludes employees whose positions are established in accounts funded by capital projects funds, direct federal grants, expendable trusts and other non-appropriated funds, as well as seasonal help, members of boards and commissions and staff of independent authorities. Numbers represent full-time equivalent positions (FTEs), not individual employees. Total may not add due to rounding.

(2) Other includes staff of the Legislature and Executive Council, the office of the State Treasurer, Secretary, Auditor and Attorney General, the eleven District Attorneys, the seven former county sheriffs that have become state agencies, and other agencies independent from the Governor; it excludes elected members of the Legislature and Executive Council.

LEGAL MATTERS

Update of Existing Litigation

Ricci v. Murphy. Challenges by residents of five state schools for the retarded (U.S. District Court C.A. No. 72-469-T) resulted in a consent decree in the 1970's, which required the Commonwealth to upgrade and rehabilitate the facilities in question and to provide services and community placements in western Massachusetts. The District Court issued orders in October 1986, leading to termination of active judicial supervision. On May 25, 1993, the District Court entered a final order vacating and replacing all consent decrees and court orders. In their place, the final order requires lifelong provision of individualized services to class members and contains requirements regarding staffing, maintenance of effort (including funding) and other matters.

On July 14, 2004, a subset of plaintiffs filed a motion to reopen the case and enforce the final order of May 25, 1993, asserting various reasons why the Department of Mental Retardation is not in compliance with the 1993 final order, mostly relating to the Commonwealth's plan to close the Fernald Developmental Center. Another subgroup of plaintiffs (representing class members from the Dever and Wrentham Developmental Centers) continues to engage in a mediation process with the Department pursuant to a process prescribed by the final order. The Department filed a responsive pleading on August 16, 2004, asserting that all of the requirements of the final order were met. On August 28, 2004, the Disability Law Center filed a motion to intervene, asserting an interest on behalf of persons with disabilities in the closing of the facility, which was allowed. Following hearings in November 2004 and January 2005, the Court declined to issue any relief to the plaintiffs at this time. The parties

have reached agreement on some of the issues raised in plaintiffs' motion, but further attempts to re-open the case may be forthcoming from these and other plaintiffs. The Court has continued to call the parties in on an occasional basis to discuss ongoing issues such as plaintiffs' access to certain records. The most recent such status conference took place June 15, 2005. To date, the Court has not issued any orders against the Department.

Rolland v. Romney (U.S. District Court C.A. No. 98-32208 KPN) is a class action by mentally retarded nursing home patients seeking community placements and services. The court approved a settlement agreement entered into by the parties, which will provide certain benefits to nursing home residents with mental retardation and other developmental disabilities until 2007. The Department of Mental Retardation estimates that the agreement will cost approximately \$5 million per fiscal year for seven years.

Health Care for All. v. Romney et al. (United States District Court). A group of individual plaintiffs brought this action for injunctive and declaratory relief, challenging the Commonwealth's administration of the MassHealth dental program. Specifically, the plaintiffs assert that the Commonwealth's administration of the dental program fails to comply with the requirements allegedly imposed by federal Medicaid law.

By memorandum of decision entered July 15, 2005, the District Court determined that, with respect to eligible children, the Commonwealth has violated sections of the Medicaid Act that require prompt provision of services, adequate notice, and treatment at reasonable intervals. The court further held that these violations resulted, in part, from insufficient reimbursement to providers of dental services. No violations were found with respect to adult enrollees. The court ordered the parties to develop a joint remedial program and judgment, and report to the court thereon by August 31, 2005. If the parties are unable to agree on a proposed remedial program and form of judgment, further evidentiary hearings may be necessary.

Lima v. Preston. Plaintiffs in a class action seek to enjoin the Executive Office of Health and Human Services from eliminating Medicaid eligibility for certain immigrants. The Division of Medical Assistance estimates that its expenditures would be expected to increase by less than \$20 million if the plaintiffs successfully enjoin elimination of the program. The Superior Court denied the plaintiffs' motion for a preliminary injunction and the plaintiffs appealed. The Appeals Court also denied the plaintiffs' motion for a preliminary injunction. While the litigation has been pending, the Division of Medical Assistance has implemented voluntarily several programmatic changes that the plaintiffs were seeking with respect to available coverage under the MassHealth Limited program, and the parties continue to explore the possibility of settlement. The plaintiffs' motion for summary judgment is due to be served on or before July 22, 2005; the Division's opposition is due August 19, 2005; and, the motion likely will be argued during the Fall of 2005.

Rosie D. v. Governor. The plaintiffs asserted claims under the Early and Periodic Screening, Diagnostic and Treatment provisions of the federal Medicaid law. Specifically, the plaintiffs asserted that the Commonwealth is required to yet does not provide them with intensive home-based mental health services. The plaintiffs have not quantified the cost of the services they seek, but it could amount to more than \$20 million. Trial was held from April 25 through June 9, 2005. The parties filed proposed findings of fact and conclusions of law in July 2005, and closing arguments will be heard on August 9, 2005.

Environmental Matters. The Commonwealth is engaged in various lawsuits concerning environmental and related laws, including an action brought by the U.S. Environmental Protection Agency alleging violations of the Clean Water Act and seeking to reduce the pollution in Boston Harbor. *United States v. Metropolitan District Commission*). See also *Conservation Law Foundation v. Metropolitan District Commission United States v. South Essex Sewerage* The Massachusetts Water Resources Authority (MWRA), successor in liability to the Metropolitan District Commission (MDC), has assumed primary responsibility for developing and implementing a court-approved plan and timetable for the construction of the treatment facilities necessary to achieve compliance with the federal requirements. The MWRA currently projects that the total cost of construction of the wastewater facilities required under the court's order, not including CSO costs, will be approximately \$3.142 billion in current dollars, with approximately \$131 million to be spent after June 30, 2001. With CSO costs, the MWRA anticipates spending approximately \$633 million after that date. Under the Clean Water Act, the Commonwealth may be liable for any cost of complying with any judgment in these or any other Clean Water Act cases to the extent the MWRA or a municipality is prevented by state law from raising revenues necessary to comply with such a judgment.

Wellesley College is seeking contribution from the Commonwealth for costs related to the clean up of environmental contamination on the Wellesley College campus and adjacent areas, including Lake Waban. On September 5, 2001, the court entered judgment incorporating a partial settlement between the parties, under which the College will fund a clean up of hazardous materials at the campus and the northern shoreline of Lake Waban, which is expected to cost approximately \$40 million. The Judgment has since been amended by agreement of the parties and approval by the court. Pursuant to the terms of the partial settlement and Judgment, the Commonwealth has reimbursed the College about \$1,068,000 (about 2.5%) from an escrow account, after the Department of Environmental Protection determined that the clean up in the shoreline of Lake Waban was properly performed. No further reimbursement is due to the College under the Judgment. The clean up of the remainder of Lake Waban, downstream areas and groundwater is not addressed under the current settlement, because the Department of Environmental Protection has not yet selected a remedy for these areas. Once a remedy is determined and costs are known, negotiations may be reopened with the College. The Commonwealth and the College have reserved their rights against each other regarding liability for the future clean up costs for this part of the site, which could involve tens of millions of dollars.

In re Massachusetts Military Reservation (pre-litigation). The Commonwealth, through the Executive Office of Environmental Affairs, the Department of Environmental Protection and the Attorney General's Office, is engaged in preliminary discussions with federal Natural Resource Trustees, including the United States Army and Air Force, the Department of Interior and the National Oceanic and Atmospheric Administration regarding natural resource damages at the Massachusetts Military Reservation on Cape Cod. The Commonwealth's Executive Office of Environmental Affairs is the State Natural Resources Trustee. Federal Trustees claim that the Commonwealth and others are liable for natural resource damages due to widespread contamination primarily from past military activities at the Reservation. This asserted liability also may extend to response actions and related activities necessary to remediate the site. The assessment process for natural resource damages is set forth in federal regulations and is expected to take many months to complete. While no recent comprehensive estimate of natural resource damages and response actions is available, it is expected that the damages and response actions may cost at least tens of millions of dollars. Currently the Commonwealth is in settlement negotiations with one of the private contractors regarding contamination at a portion of the MMR site.

Conservation Law Foundation v. Romney. An environmental group has brought a Clean Air Act citizens' suit in United States District Court seeking to compel the Commonwealth to improve the state's mass transit system in connection with the approaching completion of the Central Artery/Tunnel project. Two specific mass transit projects that the plaintiff is advocating for but that the Commonwealth is not itself currently planning to build are the restoration of the Arborway branch of the Massachusetts Bay Transportation Authority's Green Line in the Jamaica Plain section of Boston and the construction of a subway line in downtown Boston connecting the Charles/MGH station on the MBTA's Red Line with the Bowdoin station on the MBTA's Blue Line. The Commonwealth has moved to dismiss certain of the plaintiff's claims on the ground that they are not legally cognizable under the Clean Air Act. A hearing on that motion has not yet been scheduled.

Taxes and Revenues. There are several tax cases pending which could result in significant refunds if taxpayers prevail. It is the policy of the Attorney General and the Commissioner of Revenue to defend such actions vigorously on behalf of the Commonwealth and the descriptions that follow are not intended to imply that the Commissioner has conceded any liability whatsoever. As of June 30, 2004, approximately \$386 million in contingent liabilities exist in the aggregate in tax cases pending before the Appellate Tax Board, Appeals Court or Supreme Judicial Court. These contingent liabilities include both taxes and interest. Several cases comprise a sizeable share of these liabilities.

Peterson v. Commissioner of Revenue. On April 6, 2004, the Supreme Judicial Court held that the effective date in the act amending the capital gains tax statute (Act) violates amendment article 44 of the Massachusetts Constitution. Because the Act has a severability clause, the Court remanded the case to the Supreme Judicial Court for Suffolk County for further proceedings to determine whether it should be construed to impose the new tax rate beginning on calendar year January 1, 2003, or calendar year January 1, 2002. Included in the fiscal 2005 GAA – and signed by the Governor on June 25, 2004 – were two sections concerning capital gains tax rates: one section providing that the effective date of the capital gains tax statute is January 1, 2002 and another concerning an exemption for taxpayers who paid taxes on capital gains realized during January 1, 2002 to April 30, 2002. On

April 26, 2005, the Supreme Judicial Court held that (1) the exemption set forth in St. 2004, c. 149, sec. 413 violates amendment article 44 and (2) the exemption is severable from St. 2004, c. 149, sec. 414, which provides that January 1, 2002, is the effective date of the new tax rate.

Eminent Domain. Shwachman v. Commonwealth. The Commonwealth, through its Division of Capital Asset Management, took by eminent domain certain property in Worcester to build a new courthouse for Worcester County. Suit was filed in Worcester Superior Court in May 2004 seeking additional compensation for the taking of land for the new Worcester County courthouse. The plaintiff may seek an additional \$30 million in such an action. Discovery is ongoing.

Perini Corp., Kiewit Construction. Corp., Jay Cashman, Inc., d/b/a Perini - Kiewit - Cashman Joint Venture v. Commonwealth. In eight consolidated cases and related potential litigation, plaintiffs make claims for alleged increased costs arising from differing site conditions and other causes of delay on the Central Artery/Tunnel Project. Plaintiffs have asserted claims in excess of \$150 million. These claims are at various stages of resolution, including the Supreme Judicial Court, Appeals Court, Superior Court, and the Central Artery Tunnel Project Dispute Review Board panels.

American Council of Engineering Cos. v. Mass Turnpike, Mass Highway Department and the Commonwealth. Suffolk Superior Court. The plaintiff, a trade association of consulting engineers, asserts that, due to the financial difficulties of two insurers who are part of the Central Artery/Tunnel Project's Owner-Controlled Insurance Program (OCIP), the CA/T Project is contractually required to replace two insurance policies totaling \$25 million. The Commonwealth's motion to dismiss has been denied and the case is at the discovery stage.

Central Artery/Tunnel Cost Recovery Program Litigation. In 2004, the Commonwealth and the Massachusetts Turnpike Authority filed ten civil actions in Suffolk Superior Court against section design consultants of the Central Artery/Tunnel Project, claiming that the designers' errors and omissions caused the CA/T Project to expend additional costs during construction. The actions were filed as part of the CA/T Project's Cost Recovery Program to recoup extra costs directly attributable to the designers' errors and omissions in design. The Commonwealth and the MTA also filed a complaint in 2004 in Suffolk Superior Court against the Project's management consultant, Bechtel/Parsons Brinckerhoff, a joint venture. The main claim in this case, which is stayed until September 30, 2005, is B/PB's failure to disclose the true cost of the CA/T Project. The cost recovery efforts were transferred to the AGO effective February 1, 2005.

Nathaniel Lavallee et al. v. Justices of Hampden Superior Court et al., Michael Carabello et al. v. Justices of Hampden Superior Court et al., and Rosemary Cooper v. Region V Administrative Justice et al. Supreme Judicial Court for Suffolk County. In these companion cases, the Supreme Judicial Court (SJC) decided in July 2004 that the constitutional rights of indigent criminal defendants in Hampden County had been violated the Committee for Public Counsel Services (CPCS) could not appoint attorneys for them because statutory rates of State-paid compensation were so low that many Hampden County bar advocates had become unwilling to accept appointments. The court ruled that indigent criminal defendants must be released from custody if they have been incarcerated pending trial for more than 7 days without counsel, and that charges must be dismissed without prejudice after 45 days without counsel. The court declined, at this time, to order an increase in rates of bar advocate compensation.

The cases were remanded to the SJC single justice, who then created a mechanism for the appointment of counsel by Hampden County courts, parallel to the CPCS structure. Since then, attorneys have been appointed within permissible time limits in every case to date. One lawyer, Rosemary Cooper, seeks compensation at a rate that may be in excess of the statutory maximums. That case is on appeal to the Supreme Judicial Court. With the exception of that aspect of the Lavallee cases, the litigation is not currently active, but could be resumed if the shortage of available attorneys recurs.

Arianna S. et al. v. Commonwealth, Supreme Judicial Court for Suffolk County. This is a class action on behalf of all indigent persons who are constitutionally entitled to State-compensated counsel in civil and criminal proceedings. The petitioners claim to have been deprived of the effective assistance of counsel because of the low rates paid to bar advocates, and to represent a statewide class consisting of all indigent persons similarly situated. The relief sought includes a court-ordered increase in bar advocate compensation. No reliable estimate has been made of the amount of expenditures sought, but it is foreseeable that an increase in spending could total as much as \$80-90 million per year. The Commonwealth has moved to dismiss the case, and proceedings have been stayed. Recently, the plaintiffs moved to dismiss the stay, but a Single Justice of the Supreme Judicial Court denied that motion. A bill containing significant changes affecting the provision of legal services to indigents was just signed into law. The effect of that legislation on these cases, if any, is unclear.

CONTINUING DISCLOSURE

On behalf of the Commonwealth, the State Treasurer will provide to each nationally recognized municipal securities information repository within the meaning of Rule 15c2-12 of the Securities and Exchange Commission, no later than 270 days after the end of each fiscal year of the Commonwealth, certain financial information and operating data relating to such fiscal year, as provided in said Rule 15c2-12, together with audited financial statements of the Commonwealth for such fiscal year. To date, the Commonwealth has complied with all of its continuing disclosure undertakings relating to the general obligation debt of the Commonwealth. However, the annual filings relating to the fiscal year ended June 30, 2001 for the Commonwealth's special obligation debt and for the Commonwealth's federal highway grant anticipation notes were filed two days late, on March 29, 2002. Proper notice of the late filings was provided on March 29, 2002 to the Nationally Recognized Municipal Securities Information Repositories and the Municipal Securities Rulemaking Board.

AVAILABILITY OF OTHER FINANCIAL INFORMATION

Questions regarding this Information Statement or requests for additional information concerning the Commonwealth should be directed to Patrick F. Landers, III, Assistant Treasurer, Debt Management, Office of the Treasurer and Receiver-General, One Ashburton Place, 12th floor, Boston, Massachusetts 02108, telephone 617/367-3900 (ext. 226), or to Carlo DeSantis, Assistant Secretary for Capital Finance, Executive Office for Administration and Finance, State House, Room 373, Boston, Massachusetts 02133, telephone 617/727-2040. Questions regarding legal matters relating to this Information Statement should be directed to Lawrence D. Bragg, III, Ropes & Gray LLP, One International Place, Boston, Massachusetts 02110, telephone 617/951-7000.

THE COMMONWEALTH OF MASSACHUSETTS

By <u>/s/ Timothy P. Cahill</u>

Timothy P. Cahill Treasurer and Receiver-General

By /s/ Eric A. Kriss

Eric A. Kriss Secretary of Administration and Finance

August 10, 2005

ECONOMIC INFORMATION

The information in this section was prepared by the Massachusetts State Data Center (MassSDC) at the University of Massachusetts Donahue Institute and may be relevant in evaluating the economic and financial condition and prospects of the Commonwealth of Massachusetts. The State Data Center archives much of the data about Massachusetts. The demographic information and statistical data, which have been obtained by the MassSDC from the sources indicated, do not necessarily present all factors that may have a bearing on the Commonwealth's fiscal and economic affairs.

All information is presented on a calendar-year basis unless otherwise indicated. **The section was prepared for release on July 22, 2005. Information in the text, tables, charts, and graphs was current as of July 1, 2005.** Sources of information are indicated in the text or immediately following the charts and tables, and also on the <u>Sources List</u> on the last page of the Exhibit A section. Although the Commonwealth considers the sources to be reliable, the Commonwealth has made no independent verification of the information presented herein and does not warrant its accuracy.

| Population (p. A-2) | Massachusetts | United States |
|--|---------------|---------------|
| Estimated Percent Change in Population, July 1, 2000–July 1, 2004 | 1.1% | 4.3% |
| Personal Income, Consumer Prices, and Poverty (p. A-8) | | |
| Per Capita Personal Income, 2004 (prelim.) | \$41,801 | \$32,937 |
| Average Annual Pay, All Industries, 2003 | \$46,323 | \$37,765 |
| Percent Change in CPI-U, 2003-2004* | 2.7% | 2.7% |
| Percent Change in CPI-U, May 2004-May 2005* | 2.8% | 2.8% |
| Poverty Rate, 2002-2003 Average | 10.1% | 12.3% |
| Average Weekly Earnings, Manufacturing Production Workers: May 2005(p) | \$734.24 | \$665.79 |
| Percent Change, M ay 2004-M ay 2005(p) | 7.9% | 1.0% |
| Employment (p. A-15) | | |
| Percent Change in Nonfarm Payroll Employment, May 2004-May 2005(p) | 0.6% | 1.5% |
| Unemployment Rate, 2004 | 5.1% | 5.5% |
| Unemployment Rate, May, 2005 | 4.8% | 5.1% |
| Economic Base and Performance (p. A-21) | | |
| Percent Change in Gross State Product, 2003-2004 | 6.9% | 6.6% |
| Percent Change in International Exports, 2003-2004 | 17.0% | 13.0% |
| Percent Change in Housing Permits Authorized, 2003-2004 | 14.2% | 6.2% |
| Human Resources and Infrastructure (p. A-38) | | |
| Expenditure Per Pupil, 2002 (estimate) | \$10,232 | \$7,734 |
| Percent of Adults with a Bachelor's Degree, 2003 | 35.8% | 26.5% |

Massachusetts is a densely populated state with a well-educated population, comparatively high income levels, low rates of unemployment, and a relatively diversified economy. While the total population of Massachusetts has remained fairly stable in the last twenty-five years, significant changes have occurred in the age distribution of the population: dramatic growth in residents between the ages of 20 and 44 since 1980 is expected to lead to a population distributed more heavily in the 65 and over age group in the next twenty-five years. Just as the working-age population has increased, income levels in Massachusetts since 1980 have grown significantly more than the national average, and a variety of measures of income show that Massachusetts residents have significantly higher amounts of annual income than the national average. These higher levels of income have been accompanied by a significantly lower poverty rate and, with the exception of the recession of the early 1990s, considerably lower unemployment rates in Massachusetts than in the United States since 1980. The state is now recovering from the recession of 2001, but is lagging behind the nation in many indicators, particularly employment levels.

The following five sections provide detailed information on population characteristics, personal income, employment, economic base and performance, and human resources and infrastructure.

POPULATION CHARACTERISTICS

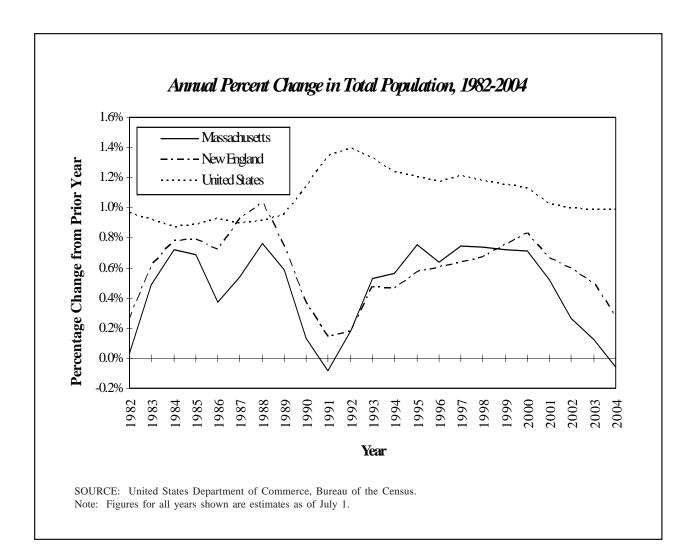
Massachusetts is a relatively slow growing but densely populated state with a comparatively large percentage of its residents living in metropolitan areas. At the time of the 2000 census, the population density of Massachusetts was 809.8 persons per square mile, as compared to 79.6 for the United States as a whole. Among the 50 states, only Rhode Island and New Jersey had a greater population density. Massachusetts also ranked third among the states in percentage of residents living in metropolitan areas as they were defined at the time of the Census: 96.1 percent of Massachusetts residents lived in metropolitan areas, compared with a national average of 80.3 percent. According to the 2003 metropolitan definitions based on whole counties, the entire state is to be considered metropolitan except for the two island counties (99.6 percent of state residents in 2000.) Under these new definitions, four states and DC are wholly metropolitan. The metropolitan areas described in this section use the former (1993) definitions.

The State's population is concentrated in its eastern portion. The city of Boston is the largest city in New England, with a 2000 population of 589,141. Boston is the hub of the Boston-Worcester-Lawrence, MA-NH-ME-CT Consolidated Metropolitan Statistical Area (CMSA), which also includes all of southeastern New Hampshire, as well as towns in Maine and Connecticut, and which had a total population in 2000 of 5,819,100; over 40 percent of the total New England population. The Boston, MA-NH Primary Metropolitan Statistical Area (PMSA)—which stretches from the town of Plymouth on the south shore to Seabrook, New Hampshire on the north shore—is the largest component of that CMSA, with a total population in 2000 of 3,406,829.

The second largest component of that CMSA is the Worcester, MA-CT PMSA, with a 2000 population of 511,389. Worcester, situated approximately 40 miles west of Boston with a 2000 population of 172,648, is the second largest city in New England. Its service, trade, and manufacturing industries combine for more than 70 percent of Worcester's total employment. As a major medical and educational center, the Worcester area is home to 19 patient care facilities, including the University of Massachusetts Medical School, and twelve other colleges and universities.

The largest Metropolitan Statistical Area (MSA) within Massachusetts which is not a part of this larger CMSA is the Springfield MSA, with a 2000 population of 591,932. Springfield, the third largest city in the Commonwealth with a 2000 population of 152,082, is located in the Connecticut River Valley in Western Massachusetts and enjoys a diverse body of corporate employers, the largest of which are the Bay State Medical Center, the Massachusetts Mutual Life Insurance Company, the Milton Bradley Company, and Smith and Wesson. In addition, Springfield is home to four independent colleges.

As the following chart and table both indicate, the population in Massachusetts generally grows more slowly than the population of New England and of the nation as a whole. According to the Census Bureau's latest estimates, only six states have grown more slowly than Massachusetts since Census 2000 and the state may even have had a slight population loss in 2004.



The following table compares the population level and percentage change in the population level of Massachusetts with those of the New England states and the United States.

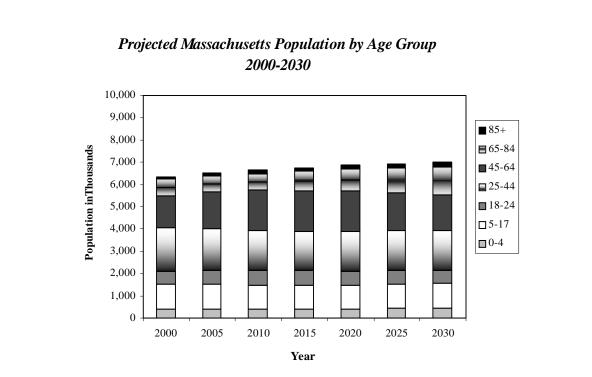
| | | - | | 72-200 | 4 | | |
|------|-------|----------|------------|---------|---------------|--------|--|
| | | (| in thousan | ds) | | | |
| | Massa | chusetts | New E | ngland | United States | | |
| | | Percent | | Percent | Perc | | |
| Year | Total | Change | Total | Change | Total | Change | |
| 1972 | 5,760 | 0.4% | 12,082 | 0.7% | 209,284 | 1.2% | |
| 1973 | 5,781 | 0.4% | 12,140 | 0.5% | 211,357 | 1.0% | |
| 1974 | 5,774 | -0.1% | 12,146 | 0.0% | 213,342 | 0.9% | |
| 1975 | 5,758 | -0.3% | 12,163 | 0.1% | 215,465 | 1.0% | |
| 1976 | 5,744 | -0.2% | 12,192 | 0.2% | 217,563 | 1.0% | |
| 1977 | 5,738 | -0.1% | 12,239 | 0.4% | 219,760 | 1.0% | |
| 1978 | 5,736 | 0.0% | 12,283 | 0.4% | 222,095 | 1.1% | |
| 1979 | 5,738 | 0.0% | 12,322 | 0.3% | 224,567 | 1.1% | |
| 1980 | 5,737 | 0.0% | 12,348 | 0.2% | 226,546 | 0.9% | |
| 1981 | 5,769 | 0.6% | 12,436 | 0.7% | 229,466 | 1.3% | |
| 1982 | 5,771 | 0.0% | 12,468 | 0.3% | 231,664 | 1.0% | |
| 1983 | 5,799 | 0.5% | 12,544 | 0.6% | 233,792 | 0.9% | |
| 1984 | 5,841 | 0.7% | 12,642 | 0.8% | 235,825 | 0.9% | |
| 1985 | 5,881 | 0.7% | 12,741 | 0.8% | 237,924 | 0.9% | |
| 1986 | 5,903 | 0.4% | 12,833 | 0.7% | 240,133 | 0.9% | |
| 1987 | 5,935 | 0.5% | 12,951 | 0.9% | 242,289 | 0.9% | |
| 1988 | 5,980 | 0.8% | 13,085 | 1.0% | 244,499 | 0.9% | |
| 1989 | 6,015 | 0.6% | 13,182 | 0.7% | 246,819 | 0.9% | |
| 1990 | 6,023 | 0.1% | 13,230 | 0.4% | 249,623 | 1.1% | |
| 1991 | 6,018 | -0.1% | 13,248 | 0.1% | 252,981 | 1.3% | |
| 1992 | 6,029 | 0.2% | 13,271 | 0.2% | 256,514 | 1.4% | |
| 1993 | 6,061 | 0.5% | 13,334 | 0.5% | 259,919 | 1.3% | |
| 1994 | 6,095 | 0.6% | 13,396 | 0.5% | 263,126 | 1.2% | |
| 1995 | 6,141 | 0.8% | 13,473 | 0.6% | 266,278 | 1.2% | |
| 1996 | 6,180 | 0.6% | 13,555 | 0.6% | 269,394 | 1.2% | |
| 1997 | 6,226 | 0.7% | 13,642 | 0.6% | 272,647 | 1.2% | |
| 1998 | 6,272 | 0.7% | 13,734 | 0.7% | 275,854 | 1.2% | |
| 1999 | 6,317 | 0.7% | 13,838 | 0.8% | 279,040 | 1.2% | |
| 2000 | 6,362 | 0.7% | 13,953 | 0.8% | 282,192 | 1.1% | |
| 2001 | 6,395 | 0.5% | 14,046 | 0.7% | 285,102 | 1.0% | |
| 2002 | 6,413 | 0.3% | 14,130 | 0.6% | 287,941 | 1.0% | |
| 2003 | 6,420 | 0.1% | 14,201 | 0.5% | 290,789 | 1.0% | |
| 2004 | 6,417 | -0.1% | 14,239 | 0.3% | 293,655 | 1.0% | |

SOURCE: United States Department of Commerce, Bureau of the Census. 1980 figures are census counts as of April 1, 1980; figures for all other years shown are estimates as of July 1.

The next twenty-five years are expected to bring about a continued change in the age distribution of the Massachusetts population. As the following table and chart show, the share of the 65 and over age group and especially the 85 and over age group will continue to grow. The chart, table and population pyramids (below, and on the following page) show the projected population by age for Massachusetts for 2000 through 2030.

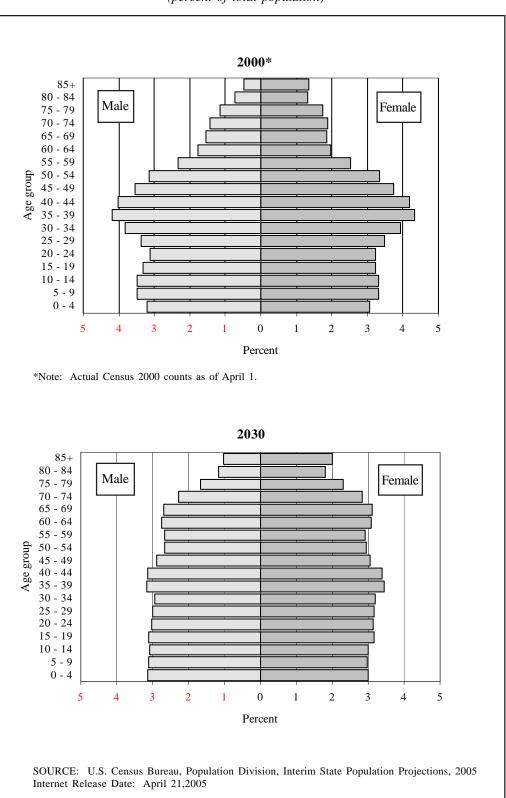
| | | 5 | | - | usands) | ge Group, 1 | | | |
|------|-------|---------|-------|---------|---------|-------------|-------|----------|-------|
| | | | | (| , | | | | Media |
| Year | 0-4 | 5-17 | 18-24 | 25-44 | 45-64 | 65-84 | 85+ | All Ages | Age |
| 2000 | 397.3 | 1,102.8 | 579.3 | 1,989.8 | 1,419.8 | 743.5 | 116.7 | 6,349.1 | 36.5 |
| 2005 | 406.3 | 1,119.2 | 611.8 | 1,874.6 | 1,649.0 | 720.7 | 137.4 | 6,518.9 | 37.8 |
| 2010 | 400.7 | 1,083.1 | 670.2 | 1,769.7 | 1,817.1 | 750.6 | 158.0 | 6,649.4 | 38.8 |
| 2015 | 409.7 | 1,064.2 | 656.0 | 1,746.1 | 1,857.1 | 856.5 | 168.9 | 6,758.6 | 39.2 |
| 2020 | 422.3 | 1,070.9 | 617.5 | 1,775.8 | 1,809.3 | 987.8 | 172.0 | 6,855.5 | 39.5 |
| 2025 | 431.0 | 1,087.7 | 616.2 | 1,782.5 | 1,703.3 | 1,137.8 | 180.1 | 6,938.6 | 39.7 |
| 2030 | 430.6 | 1,115.0 | 610.7 | 1,783.9 | 1,608.7 | 1,251.2 | 211.9 | 7,012.0 | 40.2 |

Actual Census 2000 counts as of April 1; all other figures are projections as of July 1 of the indicated year. Interim Population Projections through 2030 released April 21, 2005 by the Population Division, Bureau of the Census, United States Department of Commerce.



Actual Census 2000 counts as of April 1; all other figures are projections as of July 1 of the indicated year. Interim Population Projections through 2030 released April 21, 2005 by the Population Division, Bureau of the Census, United States Department of Commerce.

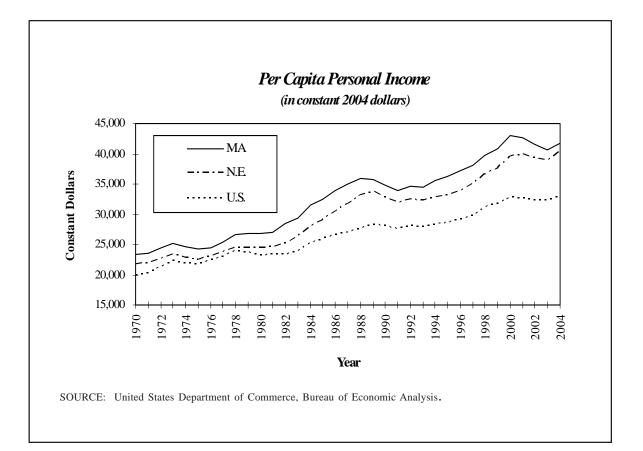
Population Pyramids of Massachusetts



(percent of total population)

Personal Income, Consumer Prices, and Poverty

Personal Income. Since at least 1929, real and nominal per capita income levels have been consistently higher in Massachusetts than in the United States. After growing at an annual rate higher than that for the United States between 1982 and 1988, real income levels in Massachusetts declined between 1989 and 1991. Real per capita income levels in Massachusetts declined between 1994 and 1997. In 2000 Massachusetts had its highest per capita income growth in 16 years, exceeding the national growth rate by 2.4 percentage points. From 2000 to 2003 real income levels in Massachusetts remained well above the national average. In 2004, income in the state grew faster than in the nation and only the District of Columbia and Connecticut had higher levels of per capita personal income. The following chart illustrates real per capita personal income in Massachusetts, New England, and the United States since 1970.



The following table compares per capita personal income in Massachusetts, New England, and the United States for the period 1970-2004.

| | | ninal Incom Irrent dollai | | G | Real Incor in 2004 doll | | Percent Change in Real Income | | | |
|------|--------|------------------------------|--------|--------|----------------------------|--------|----------------------------------|-------|-------|--|
| Year | MA | N.E. | U.S. | MA | N.E. | U.S. | MA | N.E. | U.S. | |
| 1970 | 4,483 | 4,445 | 4,085 | 23,363 | 21,641 | 19,888 | 0.3% | 0.5% | 0.7% | |
| 1971 | 4,752 | 4,680 | 4,342 | 23,591 | 21,828 | 20,252 | 1.0% | 0.9% | 1.8% | |
| 1972 | 5,109 | 5,029 | 4,717 | 24,493 | 22,727 | 21,317 | 3.8% | 4.1% | 5.3% | |
| 1973 | 5,547 | 5,481 | 5,231 | 25,099 | 23,319 | 22,255 | 2.5% | 2.6% | 4.4% | |
| 1974 | 6,016 | 5,958 | 5,707 | 24,616 | 22,829 | 21,867 | -1.9% | -2.1% | -1.7% | |
| 1975 | 6,459 | 6,381 | 6,172 | 24,250 | 22,405 | 21,671 | -1.5% | -1.9% | -0.9% | |
| 1976 | 6,998 | 6,959 | 6,754 | 24,435 | 23,103 | 22,422 | 0.8% | 3.1% | 3.5% | |
| 1977 | 7,620 | 7,593 | 7,405 | 25,299 | 23,669 | 23,083 | 3.5% | 2.4% | 2.9% | |
| 1978 | 8,430 | 8,413 | 8,245 | 26,598 | 24,374 | 23,888 | 5.1% | 3.0% | 3.5% | |
| 1979 | 9,385 | 9,392 | 9,146 | 26,860 | 24,437 | 23,797 | 1.0% | 0.3% | -0.4% | |
| 1980 | 10,602 | 10,629 | 10,114 | 26,890 | 24,367 | 23,186 | 0.1% | -0.3% | -2.6% | |
| 1981 | 11,798 | 11,846 | 11,246 | 26,925 | 24,617 | 23,370 | 0.1% | 1.0% | 0.8% | |
| 1982 | 12,941 | 12,871 | 11,935 | 28,389 | 25,195 | 23,363 | 5.4% | 2.3% | 0.0% | |
| 1983 | 14,009 | 13,829 | 12,618 | 29,408 | 26,228 | 23,931 | 3.6% | 4.1% | 2.4% | |
| 1984 | 15,723 | 15,422 | 13,891 | 31,461 | 28,039 | 25,255 | 7.0% | 6.9% | 5.5% | |
| 1985 | 16,910 | 16,546 | 14,758 | 32,382 | 29,048 | 25,909 | 2.9% | 3.6% | 2.6% | |
| 1986 | 18,148 | 17,722 | 15,442 | 33,886 | 30,545 | 26,615 | 4.6% | 5.2% | 2.7% | |
| 1987 | 19,575 | 19,119 | 16,240 | 35,021 | 31,792 | 27,005 | 3.3% | 4.1% | 1.5% | |
| 1988 | 21,341 | 20,811 | 17,331 | 35,998 | 33,231 | 27,674 | 2.8% | 4.5% | 2.5% | |
| 1989 | 22,342 | 22,083 | 18,520 | 35,649 | 33,641 | 28,213 | -1.0% | 1.2% | 1.9% | |
| 1990 | 23,043 | 22,712 | 19,477 | 34,755 | 32,826 | 28,150 | -2.5% | -2.4% | -0.2% | |
| 1991 | 23,432 | 22,969 | 19,892 | 33,855 | 31,856 | 27,589 | -2.6% | -3.0% | -2.0% | |
| 1992 | 24,538 | 24,172 | 20,854 | 34,594 | 32,545 | 28,078 | 2.2% | 2.2% | 1.8% | |
| 1993 | 25,176 | 24,752 | 21,346 | 34,496 | 32,357 | 27,905 | -0.3% | -0.6% | -0.6% | |
| 1994 | 26,303 | 25,687 | 22,172 | 35,574 | 32,741 | 28,261 | 3.1% | 1.2% | 1.3% | |
| 1995 | 27,457 | 26,832 | 23,076 | 36,269 | 33,258 | 28,603 | 2.0% | 1.6% | 1.2% | |
| 1996 | 28,933 | 28,194 | 24,175 | 37,119 | 33,944 | 29,106 | 2.3% | 2.1% | 1.8% | |
| 1997 | 30,498 | 29,687 | 25,334 | 38,054 | 34,940 | 29,817 | 2.5% | 2.9% | 2.4% | |
| 1998 | 32,524 | 31,677 | 26,883 | 39,684 | 36,710 | 31,155 | 4.3% | 5.1% | 4.5% | |
| 1999 | 34,227 | 33,126 | 27,939 | 40,742 | 37,560 | 31,679 | 2.7% | 2.3% | 1.7% | |
| 2000 | 37,756 | 36,118 | 29,845 | 43,082 | 39,621 | 32,739 | 5.7% | 5.5% | 3.3% | |
| 2001 | 38,949 | 37,334 | 30,575 | 42,610 | 39,822 | 32,612 | -1.1% | 0.5% | -0.4% | |
| 2002 | 38,973 | 37,453 | 30,804 | 41,551 | 39,327 | 32,345 | -2.5% | -1.2% | -0.8% | |
| 2003 | 39,504 | 38,065 | 31,472 | 40,589 | 39,079 | 32,310 | -2.3% | -0.6% | -0.1% | |
| 2004 | 41,801 | 40,206 | 32,937 | 41,801 | 40,206 | 32,937 | 3.0% | 2.9% | 1.9% | |

SOURCE: United States Department of Commerce, Bureau of Economic Analysis. Notes: Estimated population as of July 1. Massachusetts real income is calculated using Boston CPI-U data.

Annual pay in nominal dollars has grown steadily in Massachusetts over the past decade. Average annual pay is computed by dividing the total annual payroll of employees covered by Unemployment Insurance programs by the average monthly number of employees. Data are reported by employers covered under the Unemployment Insurance programs. While levels of annual pay were nearly equal in Massachusetts and the United States in 1984, average annual pay levels in Massachusetts have grown more rapidly than the national average since that time. The level of annual pay in Massachusetts in 2003 was 23 percent higher than the national average: \$46,323 compared to \$37,765.

Wage and Salary Disbursements. Wage and Salary Disbursements by Place of Work is a component of personal income and measures monetary disbursements to employees. This includes compensation of corporate officers, commissions, tips, bonuses, and receipts in-kind. Although the data is recorded on a place-of-work basis, it is then adjusted to a place-of-residence basis so that the personal income of the recipients whose place of residence differs from their place of work will be correctly assigned to their state of residence. The table below details Wage and Salary Disbursements since 1990. Between 1991 and 2000, Massachusetts shares of the New England and overall US totals steadily increased, but in the subsequent years, its shares have dropped back somewhat from their 2000 peaks.

| | (in mil | llions of dollar | ·s) | |
|------|--------------|------------------|-----------|-------------------------|
| Year | U.S. | <i>N.E</i> . | MA | MA as a pct. of N.E. |
| 1990 | \$ 2,743,016 | \$171,448 | \$83,129 | 48.5% |
| 1991 | \$ 2,811,076 | \$170,333 | \$82,311 | 48.3% |
| 1992 | \$ 2,972,287 | \$177,810 | \$86,014 | 48.4% |
| 1993 | \$ 3,076,276 | \$183,236 | \$89,047 | 48.6% |
| 1994 | \$ 3,227,483 | \$190,661 | \$93,164 | 48.9% |
| 1995 | \$ 3,415,368 | \$201,946 | \$99,194 | 49.1% |
| 1996 | \$ 3,615,699 | \$213,667 | \$105,573 | 49.4% |
| 1997 | \$ 3,874,011 | \$230,032 | \$113,579 | 49.4% |
| 1998 | \$ 4,179,922 | \$247,851 | \$123,054 | 49.6% |
| 1999 | \$ 4,463,650 | \$266,554 | \$134,045 | 50.3% |
| 2000 | \$ 4,825,906 | \$293,889 | \$150,842 | 51.3% |
| 2001 | \$ 4,939,944 | \$300,698 | \$153,131 | 50.9% |
| 2002 | \$ 4,972,345 | \$298,208 | \$149,983 | 50.3% |
| 2003 | \$ 5,098,695 | \$304,289 | \$151,799 | 49.9% |
| 2004 | \$ 5,351,143 | \$320,993 | \$159,978 | 49.8% |

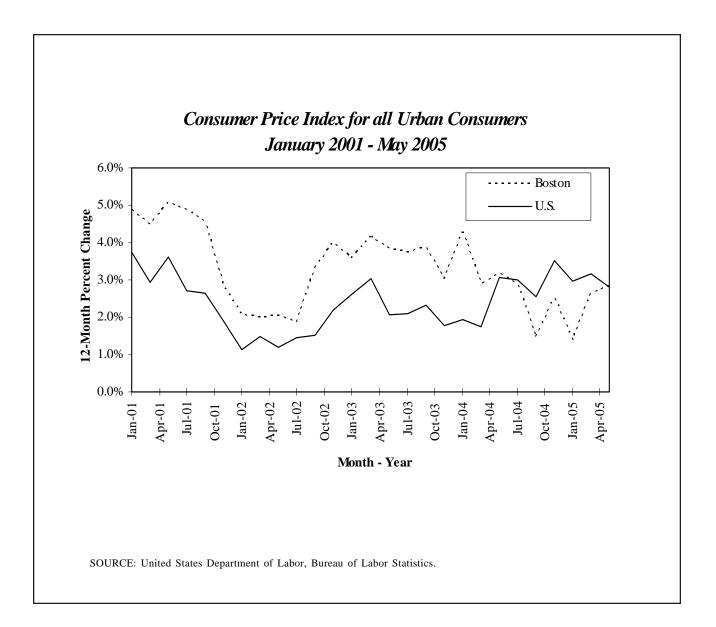
Consumer Prices. Higher income levels in Massachusetts relative to the rest of the United States are offset to some extent by the higher cost of living in Massachusetts. The following table presents consumer price trends for the Boston metropolitan area and the United States for the period between 1970 and 2004. The table shows the Consumer Price Index for All Urban Consumers (CPI-U) and the percentage change in that index from the previous year. In 2004, the CPI-U for both Boston and the United States as a whole increased 2.7 percent. The latest available data are consistent from May 2004 to May 2005. The CPI-U for both the Boston metropolitan area and the U.S. increased by 2.8 percent.

Consumer Price Index for all Urban Consumers (CPI-U), 1970-2004

(not seasonally adjusted, (1982-1984=100))

| | Boston M | etro Area | United S | tates |
|--------|----------|------------|----------|-------------|
| Year | CPI-U | Pct.Change | CPI-U | Pct. Change |
| 1970 | 40.2 | | 38.8 | |
| 1971 | 42.2 | 5.0% | 40.5 | 4.4% |
| 1972 | 43.7 | 3.6% | 41.8 | 3.2% |
| 1973 | 46.3 | 5.9% | 44.4 | 6.29 |
| 1974 | 51.2 | 10.6% | 49.3 | 11.0% |
| 1975 | 55.8 | 9.0% | 53.8 | 9.19 |
| 1976 | 60.0 | 7.5% | 56.9 | 5.8% |
| 1977 | 63.1 | 5.2% | 60.6 | 6.5% |
| 1978 | 66.4 | 5.2% | 65.2 | 7.6% |
| 1979 | 73.2 | 10.2% | 72.6 | 11.39 |
| 1980 | 82.6 | 12.8% | 82.4 | 13.5% |
| 1981 | 91.8 | 11.1% | 90.9 | 10.39 |
| 1982 | 95.5 | 4.0% | 96.5 | 6.29 |
| 1983 | 99.8 | 4.5% | 99.6 | 3.29 |
| 1984 | 104.7 | 4.9% | 103.9 | 4.39 |
| 1985 | 109.4 | 4.5% | 107.6 | 3.6% |
| 1986 | 112.2 | 2.6% | 109.6 | 1.99 |
| 1987 | 117.1 | 4.4% | 113.6 | 3.69 |
| 1988 | 124.2 | 6.1% | 118.3 | 4.19 |
| 1989 | 131.3 | 5.7% | 124.0 | 4.89 |
| 1990 | 138.9 | 5.8% | 130.7 | 5.4% |
| 1991 | 145.0 | 4.4% | 136.2 | 4.29 |
| 1992 | 148.6 | 2.5% | 140.3 | 3.09 |
| 1993 | 152.9 | 2.9% | 144.5 | 3.09 |
| 1994 | 154.9 | 1.3% | 148.2 | 2.69 |
| 1995 | 158.6 | 2.4% | 152.4 | 2.89 |
| 1996 | 163.3 | 3.0% | 156.9 | 3.09 |
| 1997 | 167.9 | 2.8% | 160.5 | 2.39 |
| 1998 | 171.7 | 2.3% | 163.0 | 1.69 |
| 1999 | 176.0 | 2.5% | 166.6 | 2.29 |
| 2000 | 183.6 | 4.3% | 172.2 | 3.49 |
| 2000 | 191.5 | 4.3% | 172.2 | 2.89 |
| 2001 | 196.5 | 2.6% | 179.9 | 1.69 |
| 2002 | 203.9 | 3.8% | 184.0 | 2.39 |
| 2003 | 209.5 | 2.7% | 188.9 | 2.79 |
| 2004 | 209.5 | 2.1/0 | 100.9 | 2.17 |
| May-04 | 208.7 | | 189.1 | |
| May-05 | 214.6 | 2.8% | 194.4 | 2.89 |

SOURCE: United States Department of Labor, Bureau of Labor Statistics



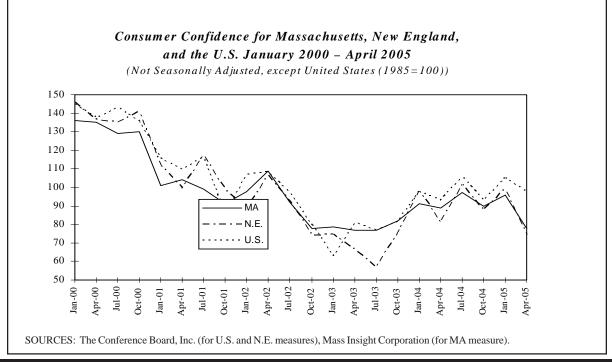
Consumer Confidence, Present Situation, and Future Expectations. These three measures offer multiple insights into consumer attitudes. The U.S. and New England measures are compiled from a national monthly survey of 5,000 households and are published by The Conference Board, Inc. The survey for Boston is conducted in a similar manner and the results are published by the Mass Insight Corporation, based on quarterly polling of 500 adult residents of Massachusetts. The "Present Situation" index measures consumers' appraisal of business and employment conditions at the time of the survey. The "Future Expectations" index focuses on consumers' expectations six months hence regarding business and employment conditions, as well as expected family income. The overall "Consumer Confidence" index is a weighted average of the two sub-indices. Although the U.S. and the New England measures are compiled by a different source than the Boston measures, according to the Federal Reserve Bank of Boston the numbers are generally comparable. The following table and chart detail these three measures since 2000.

Quarterly Measures of Consumer Confidence, Present Situation, and Future Expectations for Massachusetts, New England, and the U.S., January 2000 - April 2005

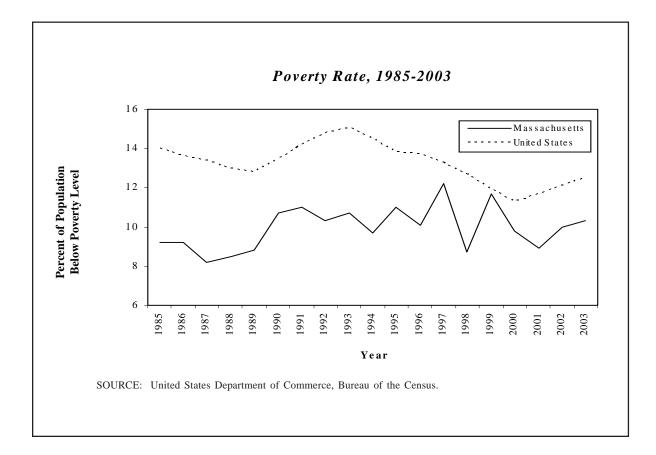
(not seasonally adjusted, except United States (1985=100))

| | Consum | er Confi | lence | Prese | nt Situati | on | Future | Future Expectations | | |
|--------|--------|----------|-------|-------|------------|-------|--------|---------------------|-------|--|
| | MA | N.E. | U.S. | MA | N.E. | U.S. | MA | N.E. | U.S. | |
| Jan-00 | 136.0 | 145.9 | 144.7 | 151.0 | 193.1 | 183.1 | 125.0 | 114.5 | 119.1 | |
| Apr-00 | 135.0 | 136.5 | 137.7 | 155.0 | 195.7 | 179.8 | 122.0 | 97.0 | 109.7 | |
| Jul-00 | 129.0 | 135.4 | 143.0 | 156.0 | 196.9 | 186.8 | 111.0 | 94.4 | 113.7 | |
| Oct-00 | 130.0 | 140.7 | 135.8 | 157.0 | 195.5 | 176.8 | 111.0 | 104.1 | 108.4 | |
| Jan-01 | 101.0 | 111.9 | 115.7 | 139.0 | 173.9 | 170.4 | 76.0 | 70.5 | 79.3 | |
| Apr-01 | 104.0 | 99.5 | 109.9 | 124.0 | 161.7 | 156.0 | 91.0 | 58.0 | 79.1 | |
| Jul-01 | 99.0 | 117.5 | 116.3 | 108.0 | 170.8 | 151.3 | 93.0 | 82.0 | 92.9 | |
| Oct-01 | 91.0 | 98.6 | 85.3 | 94.0 | 105.6 | 107.2 | 90.0 | 64.0 | 70.7 | |
| Jan-02 | 97.8 | 88.5 | 107.0 | 98.1 | 85.5 | 72.0 | 97.6 | 90.5 | 130.0 | |
| Apr-02 | 109.0 | 106.7 | 108.5 | 84.0 | 115.5 | 106.8 | 125.0 | 100.8 | 109.6 | |
| Jul-02 | 92.0 | 92.4 | 97.4 | 68.0 | 96.3 | 99.4 | 108.0 | 89.9 | 96.1 | |
| Oct-02 | 78.0 | 74.2 | 79.6 | 48.0 | 70.8 | 77.2 | 97.0 | 76.5 | 81.1 | |
| Jan-03 | 78.8 | 74.4 | 63.0 | 75.3 | 63.9 | 28.0 | 81.1 | 81.5 | 86.0 | |
| Apr-03 | 77.0 | 66.4 | 81.0 | 31.0 | 52 | 75.2 | 108.0 | 76.0 | 84.8 | |
| Jul-03 | 77.0 | 56.8 | 77.0 | 41.0 | 42.8 | 63.0 | 101.0 | 66.2 | 86.3 | |
| Oct-03 | 82.0 | 75.5 | 81.7 | 36.0 | 57.4 | 67.0 | 112.0 | 87.6 | 91.5 | |
| Jan-04 | 91.0 | 98.2 | 97.7 | 48.0 | 86.5 | 86.1 | 119.0 | 106.1 | 105.3 | |
| Apr-04 | 89.0 | 81.2 | 93.0 | 53.0 | 74.8 | 90.4 | 113.0 | 85.5 | 94.8 | |
| Jul-04 | 97.0 | 101.4 | 105.7 | 66.0 | 102.9 | 106.4 | 119.0 | 100.3 | 105.3 | |
| Oct-04 | 90.0 | 87.7 | 92.9 | 64.0 | 91.4 | 94.0 | 108.0 | 85.3 | 92.2 | |
| Jan-05 | 96.0 | 98.9 | 105.1 | 70.0 | 101.9 | 112.1 | 114.0 | 96.9 | 100.4 | |

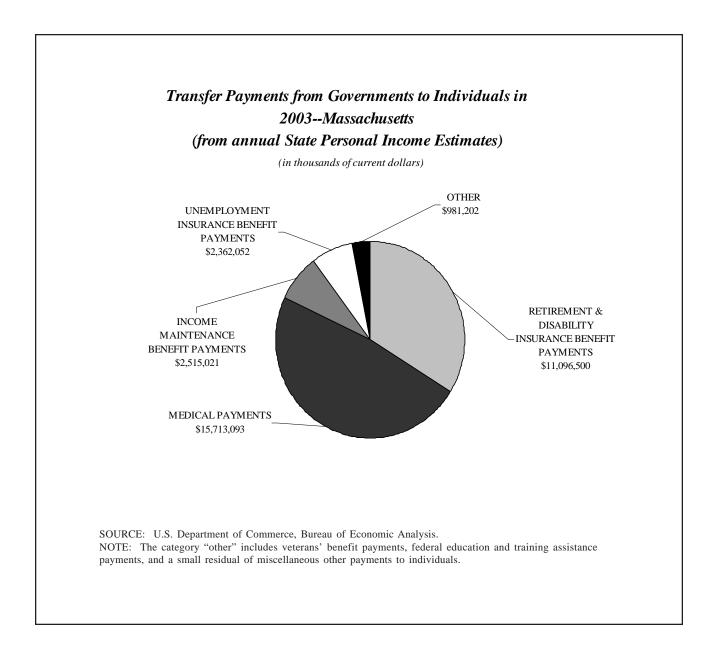
SOURCES: The Conference Board, Inc. (for U.S. and N.E.measures), Mass Insight Corporation (for MA measure).



Poverty. The Massachusetts poverty rate remains below the national average. Since 1980, the percentage of the Massachusetts population below the poverty line has varied between 7.7 percent and 12.2 percent. During the same time, the national poverty rate varied between 11.3 percent and 15.1 percent. In 2003, the poverty rate in Massachusetts increased slightly to 10.3 percent while the poverty rate in the United States rose a similar amount to 12.5 percent. Since 1980, the ratio of the Massachusetts rate of poverty to the United States rate of poverty has varied from a low of 0.51 in 1983 to 0.99 in 1999. These official poverty statistics are not adjusted for regional differences in the cost of living. The following chart illustrates the lower poverty rates in Massachusetts (1985 - 2003) compared with the national average during similar periods. Poverty estimates for states are not as reliable as national estimates. One should use caution when comparing poverty rate estimates across states, or poverty rates for the same state across years, because their variability is high.



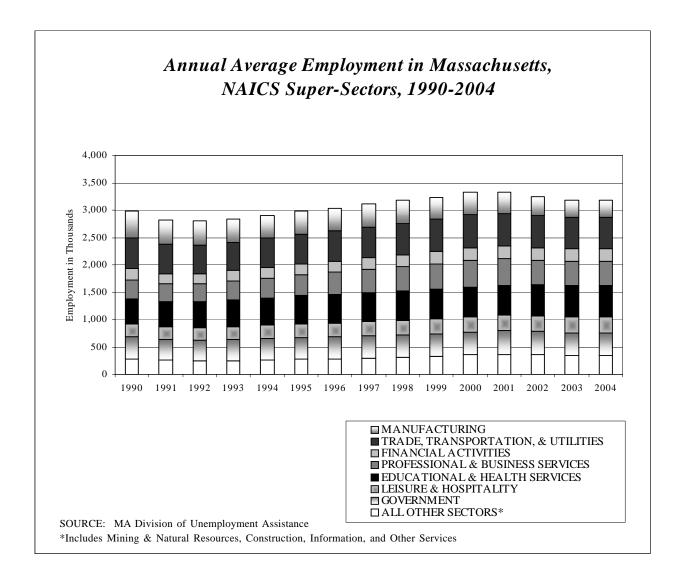
Transfer Payments. Transfer payment income is payment to individuals from all levels of government and from businesses, for which no current services are performed, including payments to nonprofit institutions serving individuals. These payments accounted for more than 13 percent of total personal income in Massachusetts in 2003. The chart below does not include transfer payments from business or payments to non-profit organizations. Total transfer payments to individuals in Massachusetts totaled 33.9 billion dollars for 2003. Approximately 48 percent of total transfer payments were medical payments.



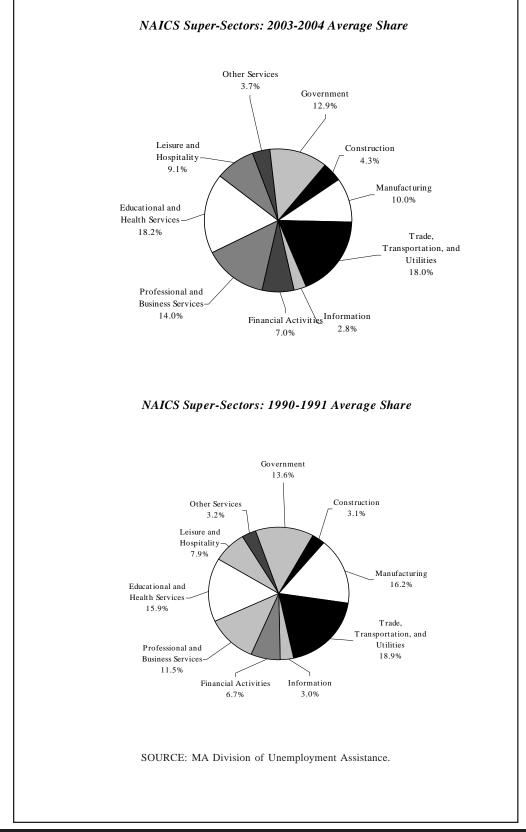
EMPLOYMENT

Employment by Industry. The chart on this page shows the annual level of non-agricultural payroll employment in Massachusetts on the new North American Industry Classification System (NAICS) basis for the seven largest NAICS super-sectors starting with 1990, the earliest year for which NAICS data are available. The chart on the following page compares the super-sector shares for the 2003-2004 period with the corresponding shares for the 1990-1991 period. Like many industrial states, Massachusetts has seen a steady decline of its manufacturing jobs base over the last two decades, not only as a share of total employment, but in absolute numbers of jobs as well. Several NAICS service sectors have grown to take the place of manufacturing in driving the Massachusetts economy. The combined service sectors now account for more than half of total payroll employment.

Total non-agricultural employment in Massachusetts declined 2.4 percent in 2002 and another 1.9 percent in 2003 but only 0.1 percent in 2004. The preliminary unadjusted estimates for the first five months of 2005 are in fact 0.8 percent above those for the same months in 2004. In 2004, manufacturing employment declined 3.2 percent from the year before; a significantly smaller decline than the annual declines in the previous three years and very close to the long-term average rate of decline since 1990 (3.0 percent per year). In fact, the unadjusted estimates for manufacturing for the first five months of 2005 are only 0.2 percent below the corresponding 2004 average.



Massachusetts Non-Farm Payroll Employment (NAICS Industry basis)



Largest Employers in Massachusetts. The following table lists the twenty-five largest private employers in Massachusetts based upon employment data for June 2004. The Boston Medical Center Corporation is the new member of the list, replacing Sears, Roebuck & Company.

Twenty-five Largest Private Employers in Massachusetts in June 2004

(listed alphabetically)

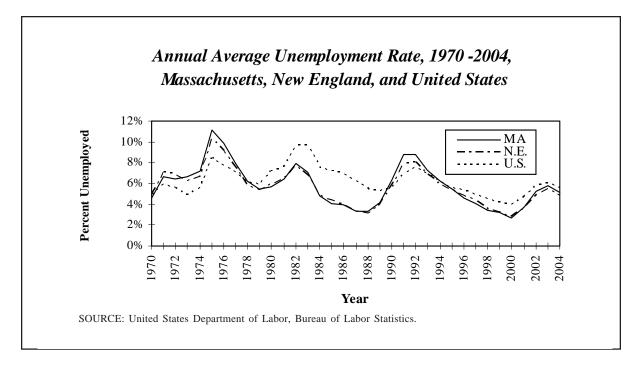
Baystate Medical Center, Inc. Beth Israel Deaconess Medical Center Boston Medical Center Corporation Boston University Brigham & Women's Hospital, Inc. The Children's Hospital Corporation Demoulas Super Markets, Inc. EM.C. Corporation Fleet National Bank Friendly Ice CreamCorporation General Hospital Corporation Harvard University Home Depot U.S.A., Inc. Massachusetts Institute of Technology The May Department Stores Company Raytheon Company S & S Credit Company, Inc. Shaw's Supermarkets, Inc. Southcoast Hospitals Group, Inc. State Street Bank & Trust Company Tufts University UMass Memorial Medical Center, Inc. United Parcel Service, Inc. Verizon New England, Inc. Wal-Mart Associates, Inc.

SOURCE: MA Division of Unemployment Assistance.

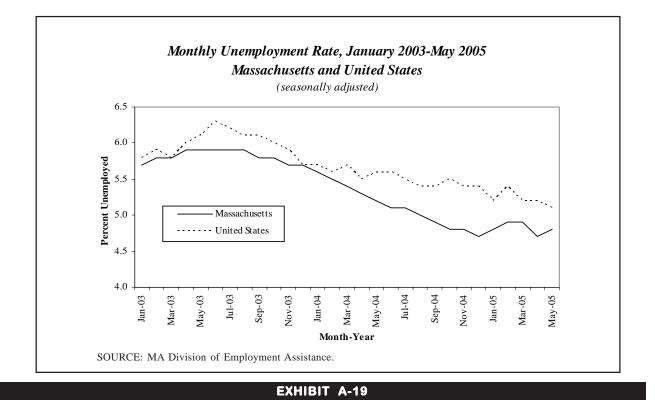
Unemployment. The economic recession of the early 1990s caused unemployment rates in Massachusetts to rise significantly above the national average, as much as 2.1 points above in 1991. However, since 1994 the unemployment rate in Massachusetts has been consistently below the national average. The following table compares the annual civilian labor force, the number unemployed, and the unemployment rates of Massachusetts, the New England states, and the United States between 1970 and 2004.

| | | | | (| in thou | sands) | | | | |
|------|--------|----------|---------|-----|---------|--------|-------|-----------|------|--------------|
| | Civili | an Labor | Force | U | nemploy | ved | Unemp | loyment l | Rate | MA Rate as |
| Year | MA | N.E. | U.S. | MA | N.E. | U.S. | MA | N.E. | U.S. | Pct. of U.S. |
| 1970 | 2,465 | 5,128 | 82,771 | 113 | 253 | 4,093 | 4.6% | 4.9% | 4.9% | 92.9% |
| 1971 | 2,459 | 5,157 | 84,383 | 163 | 364 | 5,016 | 6.6% | 7.1% | 5.9% | 111.8% |
| 1972 | 2,487 | 5,260 | 87,035 | 161 | 363 | 4,882 | 6.5% | 6.9% | 5.6% | 115.4% |
| 1973 | 2,557 | 5,387 | 89,430 | 171 | 336 | 4,365 | 6.7% | 6.2% | 4.9% | 136.7% |
| 1974 | 2,637 | 5,514 | 91,951 | 190 | 368 | 5,156 | 7.2% | 6.7% | 5.6% | 128.4% |
| 1975 | 2,725 | 5,633 | 93,775 | 305 | 578 | 7,928 | 11.2% | 10.3% | 8.5% | 132.2% |
| 1976 | 2,726 | 5,714 | 96,159 | 268 | 521 | 7,406 | 9.8% | 9.1% | 7.7% | 127.5% |
| 1977 | 2,760 | 5,820 | 99,009 | 218 | 437 | 6,992 | 7.9% | 7.5% | 7.1% | 112.1% |
| 1978 | 2,809 | 5,936 | 102,251 | 173 | 343 | 6,202 | 6.2% | 5.8% | 6.1% | 101.8% |
| 1979 | 2,863 | 6,080 | 104,964 | 156 | 326 | 6,138 | 5.5% | 5.4% | 5.8% | 93.4% |
| 1980 | 2,886 | 6,154 | 106,940 | 164 | 365 | 7,637 | 5.7% | 5.9% | 7.1% | 79.6% |
| 1981 | 2,938 | 6,268 | 108,670 | 189 | 400 | 8,273 | 6.4% | 6.4% | 7.6% | 84.6% |
| 1982 | 2,966 | 6,345 | 110,205 | 236 | 489 | 10,678 | 8.0% | 7.7% | 9.7% | 82.3% |
| 1983 | 2,972 | 6,386 | 111,550 | 209 | 434 | 10,717 | 7.0% | 6.8% | 9.6% | 73.2% |
| 1984 | 3,032 | 6,540 | 113,544 | 146 | 318 | 8,539 | 4.8% | 4.9% | 7.5% | 63.9% |
| 1985 | 3,049 | 6,630 | 115,461 | 125 | 290 | 8,312 | 4.1% | 4.4% | 7.2% | 56.8% |
| 1986 | 3,080 | 6,724 | 117,835 | 123 | 264 | 8,237 | 4.0% | 3.9% | 7.0% | 57.0% |
| 1987 | 3,114 | 6,827 | 119,865 | 104 | 228 | 7,425 | 3.4% | 3.3% | 6.2% | 54.1% |
| 1988 | 3,156 | 6,907 | 121,669 | 104 | 215 | 6,700 | 3.3% | 3.1% | 5.5% | 60.0% |
| 1989 | 3,189 | 7,004 | 123,846 | 132 | 274 | 6,520 | 4.2% | 3.9% | 5.3% | 78.9% |
| 1990 | 3,226 | 7,128 | 125,840 | 204 | 409 | 7,047 | 6.3% | 5.7% | 5.6% | 112.9% |
| 1991 | 3,199 | 7,112 | 126,346 | 283 | 558 | 8,628 | 8.8% | 7.8% | 6.8% | 129.4% |
| 1992 | 3,181 | 7,105 | 128,105 | 281 | 573 | 9,613 | 8.8% | 8.1% | 7.5% | 117.7% |
| 1993 | 3,173 | 7,062 | 129,200 | 232 | 486 | 8,940 | 7.3% | 6.9% | 6.9% | 105.8% |
| 1994 | 3,188 | 7,041 | 131,062 | 199 | 415 | 7,997 | 6.2% | 5.9% | 6.1% | 102.1% |
| 1995 | 3,205 | 7,053 | 132,304 | 176 | 375 | 7,404 | 5.5% | 5.3% | 5.6% | 97.9% |
| 1996 | 3,231 | 7,118 | 133,943 | 148 | 340 | 7,236 | 4.6% | 4.8% | 5.4% | 84.6% |
| 1997 | 3,293 | 7,228 | 136,297 | 135 | 315 | 6,739 | 4.1% | 4.4% | 4.9% | 82.6% |
| 1998 | 3,322 | 7,257 | 137,673 | 113 | 253 | 6,210 | 3.4% | 3.5% | 4.5% | 75.2% |
| 1999 | 3,355 | 7,327 | 139,368 | 110 | 234 | 5,880 | 3.3% | 3.2% | 4.2% | 77.4% |
| 2000 | 3,367 | 7,353 | 142,583 | 90 | 203 | 5,692 | 2.7% | 2.8% | 4.0% | 66.8% |
| 2001 | 3,401 | 7,420 | 143,734 | 126 | 267 | 6,801 | 3.7% | 3.6% | 4.7% | 78.4% |
| 2002 | 3,428 | 7,515 | 144,863 | 181 | 364 | 8,378 | 5.3% | 4.8% | 5.8% | 91.2% |
| 2003 | 3,414 | 7,551 | 146,510 | 198 | 410 | 8,774 | 5.8% | 5.4% | 6.0% | 96.9% |
| 2003 | 3,393 | 7,529 | 147,401 | 174 | 363 | 8,149 | 5.1% | 4.8% | 5.5% | 92.6% |

SOURCE: United States Department of Labor, Bureau of Labor Statistics.

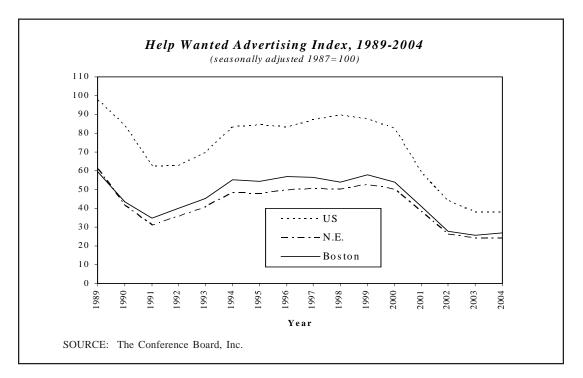


The unemployment rate in Massachusetts has been consistently below that of the United States ever since the recovery from the recession of early 1990, with the exception of two months in 2003, when the two rates were equal. Unemployment levels in the United States as a whole and in the New England region have shown similar patterns in the last two years, peaking in mid-2003, then falling slowly but fairly steadily since then. The unemployment rate in Massachusetts dropped from 5.2 to 4.8 percent between May 2004 and May 2005, while the United States unemployment rate dropped from 5.6 to 5.1 percent over those same months. The following chart shows the unemployment rates for Massachusetts and the United States from each of the past twenty-nine months.



Help Wanted Advertising Index. This index is an additional measure of the employment conditions in various regions across the country and for the nation as a whole. Compiled by The Conference Board, Inc., the index is based on the volume of help wanted advertising in 51 major newspapers across the country whose circulation covers about half of the country's nonagricultural employment. The index is compiled for each of the 51 markets, then weighted into regional averages which are then weighted into the national index. The index is intended to be a proxy measure for labor demand. According to the Conference Board, Inc., rising trends in want-ad volume have generally corresponded to improved labor market conditions and declining volume has indicated a decline in new employment.

| | | (seasonally a | adjusted 1 | 987-100) | | |
|------|------|---------------|------------|----------|--------|----------|
| | US | % Change | N.E. | % Change | Boston | % Change |
| 1989 | 98.0 | | 60.8 | | 59.5 | |
| 1990 | 83.8 | -14.5% | 41.5 | -31.8% | 43.5 | -26.9% |
| 1991 | 62.0 | -26.0% | 31.0 | -25.3% | 34.7 | -20.3% |
| 1992 | 62.5 | 0.8% | 35.8 | 15.3% | 39.9 | 15.1% |
| 1993 | 69.4 | 11.1% | 40.3 | 12.6% | 45.4 | 13.8% |
| 1994 | 82.9 | 19.4% | 48.1 | 19.5% | 55.4 | 22.0% |
| 1995 | 84.3 | 1.6% | 47.8 | -0.7% | 54.5 | -1.7% |
| 1996 | 83.2 | -1.3% | 49.8 | 4.2% | 56.8 | 4.3% |
| 1997 | 87.0 | 4.6% | 50.6 | 1.7% | 56.7 | -0.3% |
| 1998 | 89.4 | 2.8% | 50.0 | -1.2% | 54.0 | -4.7% |
| 1999 | 87.3 | -2.4% | 52.4 | 4.8% | 57.8 | 7.1% |
| 2000 | 82.4 | -5.5% | 50.0 | -4.6% | 54.1 | -6.5% |
| 2001 | 58.3 | -29.3% | 37.7 | -24.7% | 40.9 | -24.3% |
| 2002 | 43.8 | -24.9% | 25.9 | -31.2% | 28.0 | -31.6% |
| 2003 | 37.8 | -13.5% | 23.8 | -8.4% | 25.8 | -7.7% |
| 2004 | 37.8 | 0.0% | 23.9 | 0.7% | 26.8 | 3.9% |



Unemployment Insurance Trust Fund. The unemployment insurance system is a federal-state cooperative program established by the Social Security Act and the Federal Unemployment Tax Act to provide for the payment of benefits to eligible individuals when they become unemployed through no fault of their own. Benefits are paid from the Commonwealth's Unemployment Insurance Trust Fund, financed through employer contributions. The assets and liabilities of the Commonwealth Unemployment Insurance Trust Fund are not assets and liabilities of the Commonwealth. As of June 30, 2005, the Massachusetts Unemployment Trust Fund had a balance of \$401 million, of which the private contributory sector portion was \$307 million. The Division of Unemployment Assistance's February 2005 Unemployment Insurance Trust Fund report indicates that the refinancing measures included in Chapter 142 of the Massachusetts Acts of 2003 (effective January 1, 2004), provide for employer contributions that should result in private contributory account reserves of \$1.687 billion at the end of 2008.

ECONOMIC BASE AND PERFORMANCE

According to the Bureau of Economic Analysis, Gross State Product (GSP) is the value added in production by the labor and property located in a state. GSP for a State is derived as the sum of the gross state product originating in all industries in a State. In concept, an industry's GSP, referred to as its "value added", is equivalent to its gross output (sales or receipts and other operating income, commodity taxes, and inventory change) minus its intermediate inputs (consumption of goods and services purchased from other U.S. industries or imported). Thus, GSP is often considered the state counterpart of the nation's gross domestic product (GDP), Bureau of Economic Analysis's featured measure of U.S. output.

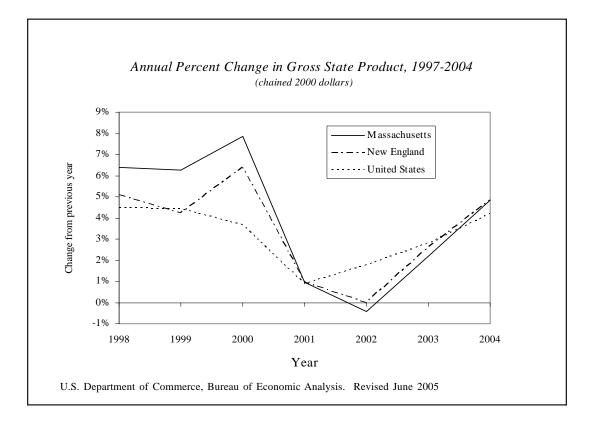
Real GSP is an inflation-adjusted measure of each state's gross product that is based on national prices for the goods and services produced within that state. The estimates of real GSP and of quantity indexes with a base year of 2000 are derived by applying national implicit price deflators to the current-dollar GSP estimates for the 63 SIC industries for years 1977-1997, and for the 81 NAICS industries for years 1997 forward. Then, the chain-type index formula that is used in the national accounts is used to calculate the estimates of total real GSP and of real GSP at more aggregated industry levels.

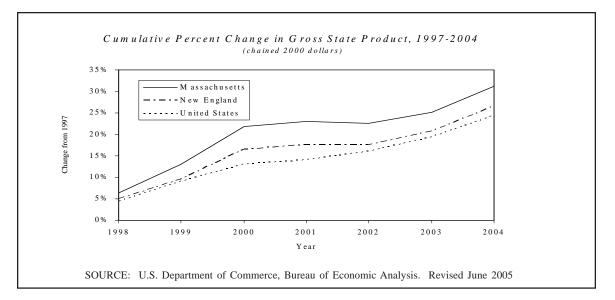
In the years 1997 to 2004, gross state product in Massachusetts, New England and the United States has grown approximately 40% in current dollars. Massachusetts had larger increases than those in New England and the United States between 1998 through 2000, but then lagged both areas respectively from 2001 to 2003. The Massachusetts economy is the largest in New England, (contributing approximately 48% to New England's total GSP), and thirteenth largest in the U.S., (contributing 2.7% to the nation's total GSP).

| | (millions of chained 2000 dollars) | | | | | | | | |
|------|------------------------------------|------------------|-----------|------------------|--------------|------------------|--|--|--|
| | Ма | ussachusetts | Ne | w England | Un | ited States | | | |
| Year | GSP | Change from 1997 | GSP | Change from 1997 | GSP | Change from 1997 | | | |
| 1997 | \$227,074 | | \$487,671 | | \$8,620,955 | | | | |
| 1998 | \$241,535 | 6.4% | \$512,367 | 5.1% | \$9,004,669 | 4.5% | | | |
| 1999 | \$256,659 | 13.0% | \$534,094 | 9.5% | \$9,404,249 | 9.1% | | | |
| 2000 | \$276,786 | 21.9% | \$568,212 | 16.5% | \$9,749,104 | 13.1% | | | |
| 2001 | \$279,434 | 23.1% | \$573,703 | 17.6% | \$9,836,571 | 14.1% | | | |
| 2002 | \$278,213 | 22.5% | \$573,700 | 17.6% | \$10,009,433 | 16.1% | | | |
| 2003 | \$284,286 | 25.2% | \$588,536 | 20.7% | \$10,289,220 | 19.4% | | | |
| 2004 | \$298,020 | 31.2% | \$617,107 | 26.5% | \$10,720,296 | 24.4% | | | |

The table below indicates the Gross State Product for Massachusetts, the New England states, and the United States. The United States figure is the sum of the fifty states.

| Massachusetts New England United State | | | | | | | | |
|--|------------------------------|-------|---------------|------|---------------|------|--|--|
| Year | GSP Annual change GSP Annual | | Annual change | GSP | Annual change | | | |
| 1997 | \$227,074 | | \$487,671 | | \$8,620,955 | | | |
| 1998 | \$241,535 | 6.4% | \$512,367 | 5.1% | \$9,004,669 | 4.5% | | |
| 1999 | \$256,659 | 6.3% | \$534,094 | 4.2% | \$9,404,249 | 4.4% | | |
| 2000 | \$276,786 | 7.8% | \$568,212 | 6.4% | \$9,749,104 | 3.7% | | |
| 2001 | \$279,434 | 1.0% | \$573,703 | 1.0% | \$9,836,571 | 0.9% | | |
| 2002 | \$278,213 | -0.4% | \$573,700 | 0.0% | \$10,009,433 | 1.8% | | |
| 2003 | \$284,286 | 2.2% | \$588,536 | 2.6% | \$10,289,220 | 2.8% | | |
| 2004 | \$298,020 | 4.8% | \$617.107 | 4.9% | \$10,720,296 | 4.2% | | |



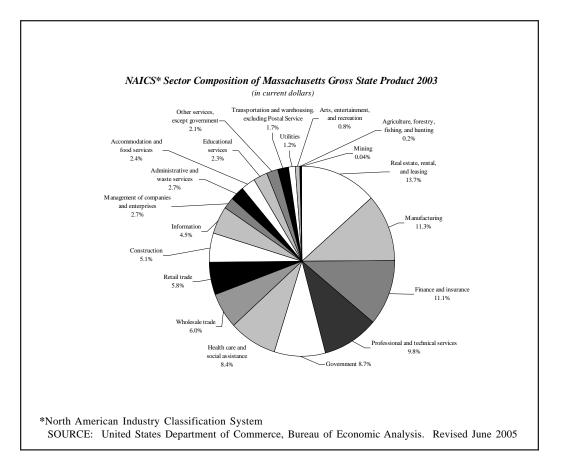


The commercial base of Massachusetts is anchored by the twenty-four 2005 Fortune 1000 companies (eleven of which are Fortune 500) headquartered in Massachusetts. Exiting the Massachusetts 2004 Fortune 500 list after being purchased by companies headquartered outside Massachusetts were FleetBoston (140th) and John Hancock Financial Services (192nd). The 2006 Fortune 500 list for Massachusetts will not include Gillette as it was purchased by Ohio based Procter and Gamble (26th) in January 2005. Allmerica Financial lost its Fortune 500 ranking, joining the Fortune 1000 (550th). When comparing the 2005 Fortune 500 to 2004's, five Massachusetts companies gained and seven lost rank. Perini, the Framingham based construction services firm and Fortune 1000 member, climbed 111 places on the list (from 910th to 799th); the largest leap for a Massachusetts company.

| Rai | nk | | | 2004 revenue. |
|------|------|-------------------------------------|--|---------------|
| 2005 | 2004 | Company | Industry | (millions) |
| 83 | 90 | Mass. Mutual Life Ins (Springfield) | Insurance: Life, Health (mutual) | \$23,15 |
| 103 | 107 | Raytheon (Waltham) | Aerospace and Defense | \$20,24 |
| 111 | 116 | Liberty Mutual Ins. Group (Boston) | Insurance: P & C (stock) | \$19,75 |
| 141 | 148 | TJX (Framingham) | Specialty Retailers | \$14,91 |
| 146 | 152 | Staples (Framingham) | Specialty Retailers | \$14,44 |
| 215 | 192 | Gillette (Boston) | Household and Personal Products | \$10,47 |
| 266 | 215 | EMC (Hopkinton) | Computer Peripherals | \$8,23 |
| 284 | 277 | BJ's Wholesale Club (Natick) | Specialty Retailers | \$7,37 |
| 341 | 299 | State St. Corp. (Boston) | Commercial Banks | \$5,86 |
| 352 | 330 | Boston Scientific (Natick) | Medical Products & Equipment | \$5,62 |
| 483 | 477 | Reebok International (Canton) | Apparel | \$3,78 |
| 550 | 494 | Allmerica Financial (Worcester) | Insurance: P & C (stock) | \$3,11 |
| 575 | 538 | NSTAR (Boston) | Utilities: Gas & Electric | \$2,95 |
| 623 | 699 | Analog Devices (Norwood) | Semiconductors and Other Electronic Components | \$2,63 |
| 680 | 685 | Thermo Electron (Waltham) | Scientific, Photo, Control Equipment | \$2,32 |
| 708 | N/A | Biogen Idec (Cambridge) | Pharmaceuticals | \$2,21 |
| 713 | 782 | Genzyme (Cambridge) | Pharmaceuticals | \$2,20 |
| 775 | 758 | Cabot (Boston) | Chemicals | \$1,93 |
| 799 | 910 | Perini (Framingham) | Engineering, Construction | \$1,84 |
| 811 | 857 | Iron Mountain (Boston) | Diversified Outsourcing | \$1,81 |
| 817 | 809 | Commerce Group (Webster) | Insurance: P & C (stock) | \$1,80 |
| 824 | 921 | Teradyne (Boston) | Scientific, Photo, Control Equipment | \$1,79 |
| 855 | 840 | PerkinElmer (Wellesley) | Scientific, Photo, Control Equipment | \$1,69 |
| 962 | 936 | Boston Properties (Boston) | Real Estate | \$1,404 |

Economic Base and Performance - Sector Detail (NAICS Basis)

The economy of Massachusetts remains diversified among several industrial and non-industrial sectors. The four largest sectors of the economy (real estate and rental and leasing, manufacturing, finance and insurance, and professional and technical services, on the 2002 NAICS basis) contributed 47.8% of the GSP in 2003. The data below show the contributions to the Massachusetts Real Gross State Product of all industrial and non-industrial sectors.



When measured in chained 2000 dollars, the cumulative change in Massachusetts total GSP was 31.2% between 1997 and 2004. Several industries grew much faster than the state average; computer and electronic product manufacturing, securities/ commodity contracts/investments, and forestry/fishing/related activities. Substantial cumulative losses were in the paper manufacturing, machinery manufacturing, and funds/trusts/other financial vehicles sectors. Industry subsectors that experienced substantial cumulative growth or reduction and accounted for one percent or more of Massachusetts GSP are listed in the following chart:

| (chained 2000 dollars) | | | | | | | | |
|---|-------------------------------------|--|--|--|--|--|--|--|
| NAICS* Industry Subsector | Cumulative percent change 1997-2003 | | | | | | | |
| Computer and electronic product manufacturing | 344.5% | | | | | | | |
| Securities, commodity contracts, investments | 259.2% | | | | | | | |
| Forestry, fishing, and related activities | 150.4% | | | | | | | |
| Computer systems design and related services | 66.3% | | | | | | | |
| Broadcasting and telecommunications | 60.8% | | | | | | | |
| Paper manufacturing | -33.4% | | | | | | | |
| Machinery manufacturing | -37.4% | | | | | | | |
| Funds, trusts, and other financial vehicles | -48.8% | | | | | | | |

Gross State Product by Industry in Massachusetts, 1997-2003 (millions of chained 2000 dollars)

| NAICS* Industry Sector | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Total Gross State Product | \$227,074 | \$241,535 | \$256,659 | \$276,786 | \$279,434 | \$278,213 | \$284,286 |
| Private industries | 204,714 | 218,929 | 233,424 | 253,492 | 255,947 | 254,795 | 261,066 |
| Agriculture, forestry, fishing, and hunting | 442 | 385 | 469 | 540 | 587 | 679 | 713 |
| Mining | 67 | 81 | 93 | 97 | 103 | 94 | 105 |
| Utilities | 3,319 | 3,348 | 3,223 | 3,455 | 3,161 | 3,104 | 3,371 |
| Construction | 10,193 | 10,954 | 11,645 | 12,168 | 13,299 | 13,217 | 12,704 |
| Manufacturing | 24,737 | 27,888 | 30,063 | 37,132 | 34,972 | 35,255 | 37,957 |
| Wholesale trade | 14,359 | 16,243 | 17,878 | 16,335 | 18,065 | 17,593 | 17,492 |
| Retail trade | 12,130 | 12,791 | 13,677 | 14,557 | 15,768 | 16,550 | 17,493 |
| Transportation and warehousing, excluding Postal Service | 4,352 | 4,559 | 4,769 | 5,180 | 5,071 | 4,941 | 5,012 |
| Information | 9,764 | 10,360 | 12,049 | 12,986 | 13,629 | 13,422 | 13,630 |
| Finance and insurance | 21,589 | 24,339 | 26,971 | 30,333 | 30,227 | 30,546 | 33,23 |
| Real estate, rental, and leasing | 32,268 | 32,966 | 34,607 | 35,978 | 38,599 | 37,830 | 36,94 |
| Professional and technical services | 20,551 | 22,525 | 24,640 | 28,469 | 28,505 | 27,408 | 27,65 |
| Management of companies and enterprises | 6,985 | 6,786 | 6,870 | 7,506 | 6,151 | 5,767 | 5,76 |
| Administrative and waste services | 7,646 | 8,066 | 8,252 | 8,382 | 7,392 | 7,305 | 7,63 |
| Educational services | 5,575 | 5,594 | 5,602 | 5,934 | 5,866 | 5,913 | 5,74 |
| Health care and social assistance | 19,716 | 19,588 | 19,505 | 20,374 | 20,480 | 21,075 | 21,91 |
| Arts, entertainment, and recreation | 1,796 | 1,841 | 1,908 | 1,913 | 2,026 | 2,139 | 2,18 |
| Accommodation and food services | 5,555 | 6,026 | 6,258 | 6,605 | 6,522 | 6,552 | 6,634 |
| Other services, except government | 4,943 | 5,183 | 5,304 | 5,545 | 5,466 | 5,390 | 5,38 |
| Government | 22,491 | 22,664 | 23,264 | 23,293 | 23,487 | 23,417 | 23,261 |

* North American Industry Classification System

SOURCE: United States Department of Commerce, Bureau of Economic Analysis. Revised June 2005

Cumulative Percent Change in GSP by Industry in Massachusetts, 1997-2003

(millions of chained 2000 dollars)

| NAICS* Industry Sector | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|--------|-------|-------|--------|--------|-------|
| Total Gross State Product | 6.4% | 12.6% | 20.5% | 21.4% | 21.0% | 23.2% |
| Private industries | 6.9% | 13.6% | 22.2% | 23.1% | 22.7% | 25.1% |
| Agriculture, forestry, fishing, and hunting | -12.9% | 8.9% | 24.1% | 32.8% | 48.4% | 53.4% |
| Mining | 20.9% | 35.7% | 40.0% | 46.2% | 37.5% | 49.29 |
| Utilities | 0.9% | -2.9% | 4.3% | -4.2% | -6.0% | 2.69 |
| Construction | 7.5% | 13.8% | 18.3% | 27.6% | 26.9% | 23.19 |
| Manufacturing | 12.7% | 20.5% | 44.1% | 38.2% | 39.0% | 46.79 |
| Wholesale trade | 13.1% | 23.2% | 14.6% | 25.1% | 22.5% | 22.0 |
| Retail trade | 5.4% | 12.4% | 18.8% | 27.1% | 32.1% | 37.8 |
| Transportation and warehousing, excluding Postal Service | 4.8% | 9.4% | 18.0% | 15.9% | 13.3% | 14.7 |
| Information | 6.1% | 22.4% | 30.2% | 35.1% | 33.6% | 35.2 |
| Finance and insurance | 12.7% | 23.6% | 36.0% | 35.7% | 36.7% | 45.5 |
| Real estate, rental, and leasing | 2.2% | 7.1% | 11.1% | 18.4% | 16.4% | 14.1 |
| Professional and technical services | 9.6% | 19.0% | 34.5% | 34.7% | 30.8% | 31.7 |
| Management of companies and enterprises | -2.8% | -1.6% | 7.6% | -10.4% | -16.6% | -16.6 |
| Administrative and waste services | 5.5% | 7.8% | 9.4% | -2.4% | -3.6% | 0.8 |
| Educational services | 0.3% | 0.5% | 6.4% | 5.3% | 6.1% | 3.1 |
| Health care and social assistance | -0.6% | -1.1% | 3.4% | 3.9% | 6.8% | 10.8 |
| Arts, entertainment, and recreation | 2.5% | 6.1% | 6.4% | 12.3% | 17.9% | 20.1 |
| Accommodation and food services | 8.5% | 12.3% | 17.9% | 16.6% | 17.1% | 18.3 |
| Other services, except government | 4.9% | 7.2% | 11.7% | 10.3% | 8.9% | 8.8 |
| Government | 0.8% | 3.4% | 3.5% | 4.4% | 4.1% | 3.49 |

* North American Industry Classification System

SOURCE: United States Department of Commerce, Bureau of Economic Analysis.

Gross State Product by Industry in Massachusetts, 1997-2003

(as a percent of total GSP chained 2000 dollars)

| NAICS* Industry Sector | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|--------|--------|--------|--------|--------|--------|--------|
| Total Gross State Product | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| Private industries | 90.2% | 90.6% | 90.9% | 91.6% | 91.6% | 91.6% | 91.8% |
| Agriculture, forestry, fishing, and hunting | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.2% | 0.3% |
| Mining | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Utilities | 1.5% | 1.4% | 1.3% | 1.2% | 1.1% | 1.1% | 1.2% |
| Construction | 4.5% | 4.5% | 4.5% | 4.4% | 4.8% | 4.8% | 4.5% |
| Manufacturing | 10.9% | 11.5% | 11.7% | 13.4% | 12.5% | 12.7% | 13.4% |
| Wholesale trade | 6.3% | 6.7% | 7.0% | 5.9% | 6.5% | 6.3% | 6.2% |
| Retail trade | 5.3% | 5.3% | 5.3% | 5.3% | 5.6% | 5.9% | 6.2% |
| Transportation and warehousing, excluding Postal Service | 1.9% | 1.9% | 1.9% | 1.9% | 1.8% | 1.8% | 1.8% |
| Information | 4.3% | 4.3% | 4.7% | 4.7% | 4.9% | 4.8% | 4.8% |
| Finance and insurance | 9.5% | 10.1% | 10.5% | 11.0% | 10.8% | 11.0% | 11.79 |
| Real estate, rental, and leasing | 14.2% | 13.6% | 13.5% | 13.0% | 13.8% | 13.6% | 13.09 |
| Professional and technical services | 9.1% | 9.3% | 9.6% | 10.3% | 10.2% | 9.9% | 9.7% |
| Management of companies and enterprises | 3.1% | 2.8% | 2.7% | 2.7% | 2.2% | 2.1% | 2.0% |
| Administrative and waste services | 3.4% | 3.3% | 3.2% | 3.0% | 2.6% | 2.6% | 2.7% |
| Educational services | 2.5% | 2.3% | 2.2% | 2.1% | 2.1% | 2.1% | 2.0% |
| Health care and social assistance | 8.7% | 8.1% | 7.6% | 7.4% | 7.3% | 7.6% | 7.79 |
| Arts, entertainment, and recreation | 0.8% | 0.8% | 0.7% | 0.7% | 0.7% | 0.8% | 0.89 |
| Accommodation and food services | 2.4% | 2.5% | 2.4% | 2.4% | 2.3% | 2.4% | 2.3% |
| Other services, except government | 2.2% | 2.1% | 2.1% | 2.0% | 2.0% | 1.9% | 1.9% |
| Covernment | 9.9% | 9.4% | 9.1% | 8.4% | 8.4% | 8.4% | 8.2% |

* North American Industry Classification System

SOURCE: United States Department of Commerce, Bureau of Economic Analysis. Revised June 2005

Rank of Industry Contribution to GSP in Massachusetts, 1997-2003

(millions of chained 2000 dollars)

| NAICS* Industry Sector | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
|--|------|------|------|------|------|------|------|
| Fotal Gross State Product | | | | | | | |
| Private industries | | | | | | | |
| Agriculture, forestry, fishing, and hunting | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| Mining | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Utilities | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Construction | 9 | 9 | 10 | 10 | 10 | 10 | 10 |
| Manufacturing | 2 | 2 | 2 | 1 | 2 | 2 | 1 |
| Wholesale trade | 7 | 7 | 7 | 7 | 7 | 7 | 8 |
| Retail trade | 8 | 8 | 8 | 8 | 8 | 8 | 7 |
| Transportation and warehousing, excluding Postal Service | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| Information | 10 | 10 | 9 | 9 | 9 | 9 | 9 |
| Finance and insurance | 4 | 3 | 3 | 3 | 3 | 3 | 3 |
| Real estate, rental, and leasing | 1 | 1 | 1 | 2 | 1 | 1 | 2 |
| Professional and technical services | 5 | 5 | 4 | 4 | 4 | 4 | 4 |
| Management of companies and enterprises | 12 | 12 | 12 | 12 | 13 | 14 | 13 |
| Administrative and waste services | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| Educational services | 13 | 14 | 14 | 14 | 14 | 13 | 14 |
| Health care and social assistance | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Arts, entertainment, and recreation | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| Accommodation and food services | 14 | 13 | 13 | 13 | 12 | 12 | 12 |
| Other services, except government | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| Government | 3 | 4 | 5 | 5 | 5 | 5 | 5 |

* North American Industry Classification System

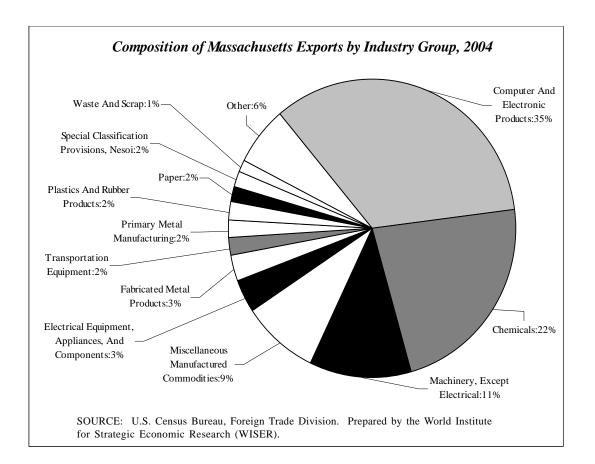
SOURCE: United States Department of Commerce, Bureau of Economic Analysis. Revised June 2005

Between 1997 and 2003, the portion of the total GSP in chained 2000 dollars, from the private industry sector increased 1.7% while it decreased 1.7% in the government sector. Contributions by each industry to total GSP have remained steady for most sectors. The exceptions were finance and insurance (+2.2%), and manufacturing (+2.5%). When the 1997 to 2003 industry contributions to total annual GSP are ranked according to their dollar value, the top five have remained constant; real estate, rental and leasing, manufacturing, finance and insurance, professional and technical services, and government.

Trade and International Trade. Massachusetts ranked 10th in the United States, and first in New England, with \$21.8 billion in international exports in 2004. This represents a 17.0 % increase from the previous year's exports from the Commonwealth, while national exports increased by 13.0 % in the same period. Through April 2005, Massachusetts's exports totaled \$7.24 billion, an increase of 0.3 % compared with exports in the first four months of 2004. National exports were up 9.9 % and New England 1.7% during the same period. It is not possible to provide balance of trade comparisons for Massachusetts because import data are not compiled on a state-by-state basis.

Massachusetts' five most important trading partners for 2004 were: Canada, with \$2.90 billion in purchases of Massachusetts exports; the Netherlands, with \$2.52 billion; Japan, with \$1.81 billion; Germany, with \$2.52 billion; and the United Kingdom, with \$1.50 billion in purchases. Between 2003 and 2004, the most significant growth in Massachusetts's exports among its top ten trading partners was in exports to Taiwan (80.1%), Germany (57.3%), Netherlands (43.0%), and France (38.8%).

Massachusetts' most important exports, as shown in the following chart, are computer and electronic products, chemical products, and non-electrical machinery. These categories reflect the adoption of the NAICS classification system, which groups computers with electronic products, rather than with machinery.



Value of International Shipments from Massachusetts, 1997-2004

(top ten industry groups ranked by value of 2004 exports, in millions)

| Major Industry Group | <i>1997</i> | <i>1998</i> | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|--|-------------|-------------|----------|----------|----------|----------|----------|----------|
| Computer And Electronic Products | \$7,857 | \$7,458 | \$8,056 | \$10,215 | \$8,122 | \$7,024 | \$7,688 | \$7,475 |
| Chemicals | \$1,174 | \$1,223 | \$1,357 | \$1,600 | \$1,534 | \$2,267 | \$3,216 | \$4,907 |
| Machinery, Except Electrical | \$1,885 | \$1,694 | \$1,705 | \$2,545 | \$2,044 | \$1,786 | \$1,668 | \$2,456 |
| Miscellaneous Manufactured Commodities | \$768 | \$835 | \$925 | \$1,053 | \$1,213 | \$1,210 | \$1,571 | \$1,927 |
| Electrical Equipment, Appliances, And Components | \$570 | \$596 | \$720 | \$834 | \$691 | \$649 | \$592 | \$752 |
| Fabricated Metal Products, Nesoi | \$748 | \$597 | \$601 | \$649 | \$569 | \$692 | \$539 | \$621 |
| Transportation Equipment | \$655 | \$637 | \$698 | \$659 | \$449 | \$346 | \$383 | \$453 |
| Primary Metal Manufacturing | \$282 | \$335 | \$283 | \$358 | \$272 | \$248 | \$425 | \$423 |
| Plastics And Rubber Products | \$323 | \$357 | \$389 | \$374 | \$400 | \$406 | \$375 | \$404 |
| Paper | \$311 | \$334 | \$364 | \$435 | \$386 | \$373 | \$355 | \$366 |
| Total Exports, Top Massachusetts Industries | \$14,574 | \$14,065 | \$15,098 | \$18,722 | \$15,679 | \$15,002 | \$16,812 | \$19,784 |
| Total Massachusetts Exports | \$16,526 | \$15,878 | \$16,805 | \$20,514 | \$17,490 | \$16,708 | \$18,663 | \$21,837 |
| Percent Change from Prior Year | | -3.9% | 5.8% | 22.1% | -14.7% | -4.5% | 11.7% | 17.0% |

SOURCE: World Institute for Strategic Economic Research (WISER). These figures reflect the changeover in export statistics reporting to the NAICS system from the SIC system. Categories and state totals are not comparable between systems. Pre-1997 data is not available.

Transportation and Warehousing, and Utilities. Between 1997 and 2003, the combined real gross state product of the transportation and warehousing and utilities sector increased 9.3% when measured with year 2000 chained dollars. These combined sectors contributed 2.9% to the total Massachusetts Real Gross State Product in 2003, a half% less than it did in 1997.

Massachusetts's major air and seaports are managed by the Massachusetts Port Authority (Massport), an independent public authority. Massport reported fiscal 2004 operating income of \$33.7 million (up 32.7% from fiscal 2003), with operating revenues up 11% (\$415.0 million in 2004 versus \$373.8 million in 2003) and operating costs up 9% (\$381.3 million in 2004 versus \$348.4 million in 2003).

As of June 30, 2004, airline service at Logan, both scheduled and unscheduled, was provided by 56 airlines, including 6 U.S. major air carrier airlines, 16 non-U.S. flag carriers, and 12 regional and commuter airlines. In fiscal 2004, 26.1 million passengers (a 14.7% increase from fiscal 2003) passed through Logan. Based on total passenger volume in calendar year 2004 data, Logan Airport was the most active airport in New England and the 19th most active in the U.S., according to Airports Council International (ACI).

According to ACI, in calendar year 2004, Logan Airport ranked 19th in the nation in total air cargo volume. In fiscal year 2004, the airport handled 366,298 metric tons of cargo, a 0.9% increase from 2003. As of June 30, 2004, Logan was served by 7 all-cargo and small package/express carriers.

At Massport's Port of Boston properties, 2004 cargo throughput was 13.9 million metric tons (a 5% increase from 2003), automobile processing decreased 13% to 10,910 units, and cruise passenger trips decreased less than one % to 199,453. Massachusetts total waterborne cargo shipped or received in 2003 (from the Army Corps of Engineers data), increased 17.4% (30,655,000 short tons), as did New England and the U.S. (11.6 and 2.3% respectively).

Construction and Housing. In 2003, construction activity contributed 4.5% to the total Massachusetts Gross State Product when measured in 2000 chained dollars. The construction sector contributed the same amount to state GSP in 1997. Overall growth between 1997 and 2003 was 27.6%.

The following table shows the number of housing permits authorized on an annual basis in Massachusetts, New England, and the United States.

| | Но | using Perm | its Authoriz | ed, 1969-20 | 04 | | |
|------|---------|------------|--------------|-------------|---------------|---------|--|
| | Massa | chusetts | New 1 | England | United States | | |
| | Total | Percent | Total | Percent | Total | Percent | |
| Year | Permits | Change | Permits | Change | Permits | Change | |
| 1969 | 33,572 | | 70,539 | | 1,330,161 | | |
| 1970 | 38,330 | 14.2% | 74,068 | 5.0% | 1,354,746 | 1.89 | |
| 1975 | 17,697 | -27.5% | 41,645 | -21.0% | 934,511 | -12.4% | |
| 1980 | 16,055 | -20.4% | 40,195 | -25.1% | 1,171,763 | -23.6% | |
| 1981 | 15,599 | -2.8% | 38,067 | -5.3% | 985,600 | -15.9% | |
| 1982 | 15,958 | 2.3% | 39,470 | 3.7% | 1,000,500 | 1.5% | |
| 1983 | 22,950 | 43.8% | 57,567 | 45.9% | 1,605,221 | 60.4% | |
| 1984 | 28,471 | 24.1% | 72,356 | 25.7% | 1,689,667 | 5.3% | |
| 1985 | 39,360 | 38.2% | 96,832 | 33.8% | 1,732,335 | 2.5% | |
| 1986 | 43,877 | 11.5% | 108,272 | 11.8% | 1,771,832 | 2.3% | |
| 1987 | 40,018 | -8.8% | 101,222 | -6.5% | 1,542,499 | -12.9% | |
| 1988 | 31,766 | -20.6% | 82,123 | -18.9% | 1,450,583 | -6.0% | |
| 1989 | 21,634 | -31.9% | 53,543 | -34.8% | 1,345,084 | -7.3% | |
| 1990 | 15,276 | -29.4% | 36,811 | -31.2% | 1,125,583 | -16.3% | |
| 1991 | 12,624 | -17.4% | 31,111 | -15.5% | 953,834 | -15.3% | |
| 1992 | 16,346 | 29.5% | 36,876 | 18.5% | 1,105,083 | 15.9% | |
| 1993 | 17,715 | 8.4% | 39,225 | 6.4% | 1,210,000 | 9.5% | |
| 1994 | 18,302 | 3.3% | 40,459 | 3.1% | 1,366,916 | 13.0% | |
| 1995 | 15,946 | -12.9% | 37,357 | -7.7% | 1,335,835 | -2.3% | |
| 1996 | 17,360 | 8.9% | 40,425 | 8.2% | 1,419,083 | 6.2% | |
| 1997 | 17,554 | 1.1% | 42,047 | 4.0% | 1,442,251 | 1.6% | |
| 1998 | 18,958 | 8.0% | 47,342 | 12.6% | 1,619,500 | 12.3% | |
| 1999 | 18,977 | 0.1% | 47,379 | 0.1% | 1,663,916 | 2.7% | |
| 2000 | 17,342 | -8.6% | 43,735 | -7.7% | 1,598,332 | -3.9% | |
| 2001 | 16,654 | -4.0% | 42,786 | -2.2% | 1,636,700 | 2.4% | |
| 2002 | 17,122 | 2.8% | 47,173 | 10.3% | 1,747,600 | 6.8% | |
| 2003 | 18,574 | 8.5% | 48,845 | 3.5% | 1,889,400 | 8.1% | |
| 2004 | 21,206 | 14.2% | 56,268 | 15.2% | 2,006,600 | 6.2% | |

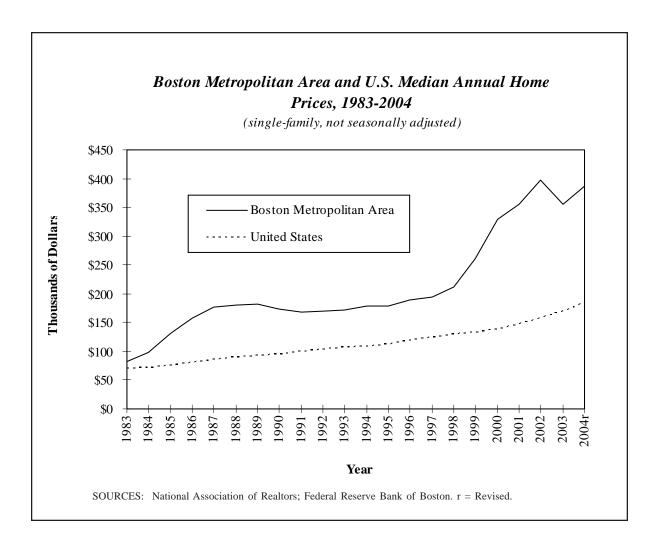
SOURCES: Federal Reserve Bank of Boston; United States Department of Commerce.

Both the economic recession of 1990-1991 and the subsequent economic recovery were strongly reflected in the Massachusetts housing sector, but the recession that began in 2001 has had a less pronounced impact on home sales. Significant declines in existing home sales in Massachusetts in 1989 and 1990 (of 10.9 percent and 28.8 percent, respectively) were followed by rapid sales growth between 1991 and 1993, when home sales in Massachusetts increased at a yearly rate substantially higher than the national average. Following this period of rapid growth, the growth in existing home sales slowed to a rate of 0.7 percent in 1994 and declined 2.6 percent in 1995. In 1996, 1997, and 1998, however, growth in existing home sales in Massachusetts was significant, outpacing the New England and national average in 1996 and 1997 with rates of 16.6 percent and 11.0 percent, respectively. This strong growth ended in 1999 when existing home sales in the Commonwealth declined 1.3 percent while growth in existing home sales nationally was 6.0 percent. In 2000, existing home sales in Massachusetts declined by 10 percent and did not start growing again until 2002. On a seasonally adjusted annual basis, existing home sales for the Commonwealth, New England, and the United States appear in the following table.

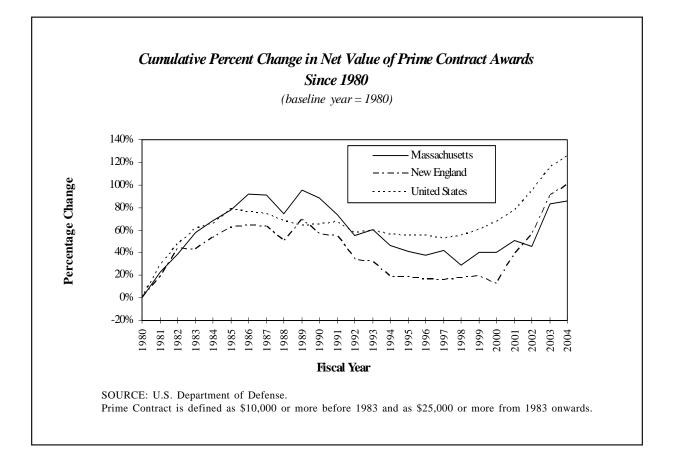
| | Mass | achusetts | New | England | United States | | |
|-------|-------|-----------|-------|----------|---------------|----------|--|
| Year | Sales | % Change | Sales | % Change | Sales | % Change | |
| 1981 | 43.0 | | 105.8 | | 2,575.0 | | |
| 1982 | 42.6 | -0.8% | 98.6 | -6.9% | 2,117.5 | -17.8% | |
| 1983 | 59.2 | 39.0% | 141.3 | 43.3% | 2,875.0 | 35.8% | |
| 1984 | 54.9 | -7.3% | 140.7 | -0.4% | 3,027.5 | 5.3% | |
| 1985 | 60.2 | 9.7% | 157.0 | 11.6% | 3,382.5 | 11.7% | |
| 1986 | 67.0 | 11.3% | 169.2 | 7.8% | 3,772.5 | 11.5% | |
| 1987 | 76.4 | 14.1% | 174.5 | 3.1% | 3,767.5 | -0.1% | |
| 1988 | 76.6 | 0.2% | 178.5 | 2.3% | 3,882.5 | 3.1% | |
| 1989 | 68.2 | -10.9% | 163.0 | -8.7% | 3,672.0 | -5.4% | |
| 1990 | 48.6 | -28.8% | 134.0 | -17.8% | 3,603.5 | -1.9% | |
| 1991 | 53.4 | 10.0% | 140.5 | 4.9% | 3,533.3 | -1.9% | |
| 1992 | 62.5 | 17.0% | 170.6 | 21.4% | 3,889.5 | 10.1% | |
| 1993 | 70.9 | 13.4% | 193.8 | 13.6% | 4,220.3 | 8.5% | |
| 1994 | 71.4 | 0.7% | 200.3 | 3.4% | 4,409.8 | 4.5% | |
| 1995 | 69.6 | -2.6% | 185.7 | -7.3% | 4,342.3 | -1.5% | |
| 1996 | 81.2 | 16.6% | 200.7 | 8.1% | 4,705.3 | 8.4% | |
| 1997 | 90.1 | 11.0% | 219.4 | 9.3% | 4,908.8 | 4.3% | |
| 1998 | 99.9 | 10.8% | 248.3 | 13.2% | 5,585.3 | 13.8% | |
| 1999 | 98.5 | -1.3% | 253.3 | 2.0% | 5,922.8 | 6.0% | |
| 2000 | 88.7 | -10.0% | 242.0 | -4.4% | 5,831.8 | -1.5% | |
| 2001 | 87.5 | -1.4% | 239.6 | -1.0% | 6,026.3 | 3.3% | |
| 2002r | 115.9 | 32.5% | 262.8 | 9.7% | 5,631.0 | -6.6% | |
| 2003r | 118.3 | 2.1% | 269.3 | 2.5% | 6,183.0 | 9.8% | |
| 2004r | 141.7 | 19.8% | 308.4 | 14.5% | 6,784.0 | 9.7% | |

SOURCES: National Association of Realtors; Federal Reserve Bank of Boston. r = Revised June 2005.

Median single-family home prices for the Boston Metropolitan area appear below. While Boston housing prices were 118.1% of the U.S. median in 1983, by 1987 Boston housing prices as a% of the national median had reached 205.7%. After dipping to 160.9% of the national median in 1993 and remaining as low as 162.9% of the national median in 1998, Boston home prices soared to 210.4% of the national median in 2004. The Boston metropolitan area median home price rose to \$387,400 in 2004, compared to the national home price of \$184,100.



Defense. Following a peak at \$8.7 billion in the value of military prime contracts awarded to Massachusetts firms in fiscal 1986, defense-related contracts declined 17.2 percent by fiscal 1988 to \$7.2 billion. By fiscal 1995, the value of defense-related prime contracts had declined to \$4.8 billion. The net value of prime contract awards in Massachusetts oscillated between \$4.2 and \$5.2 billion from 1995 to 2002, but jumped 38 percent from 2002 to 2003 to reach \$6.8 billion. The chart below illustrates the yearly changes in the value of Massachusetts military prime contracts from 1980 to 2004.



The importance of the defense industry to the Massachusetts economy is reflected in table on the following page, which shows the value of Department of Defense prime contract awards between 1980 and 2004. From the early 1980s to 2001, the Commonwealth's share of New England's prime contract awards had remained around 50%. While Massachusetts' contract total has increased significantly in the past two years, its share in the New England region has slipped to 36.5% in 2004. In 2002, the Commonwealth's share of the national total reached its lowest point in over two decades, 3.1%, and has increased only slightly to 3.3% in 2004. Despite this trend, Massachusetts remains the eighth largest recipient in defense spending.

| | | | (in million | <i>s</i>) | |
|-------------|---------|---------|-------------|----------------------|-----------------|
| | | | | Massachusetts' Share | e (as a Percent |
| Fiscal Year | MA | N.E. | U.S. | of New England | of U.S |
| 1980* | \$3,743 | \$8,775 | \$68,070 | 42.7% | 5.5% |
| 1981* | 4,605 | 10,372 | 87,761 | 44.4% | 5.2% |
| 1982* | 5,317 | 13,037 | 103,858 | 40.8% | 5.1% |
| 1983 | 6,328 | 12,967 | 118,744 | 48.8% | 5.3% |
| 1984 | 7,029 | 14,249 | 123,995 | 49.3% | 5.7% |
| 1985 | 7,714 | 15,487 | 140,096 | 49.8% | 5.5% |
| 1986 | 8,735 | 15,748 | 136,026 | 55.5% | 6.4% |
| 1987 | 8,685 | 15,606 | 133,262 | 55.7% | 6.5% |
| 1988 | 7,212 | 13,673 | 125,767 | 52.7% | 5.7% |
| 1989 | 8,757 | 16,268 | 119,917 | 53.8% | 7.3% |
| 1990 | 8,166 | 14,271 | 121,254 | 57.2% | 6.7% |
| 1991 | 6,933 | 13,889 | 124,119 | 49.9% | 5.6% |
| 1992 | 5,686 | 11,033 | 112,285 | 51.5% | 5.1% |
| 1993 | 5,936 | 10,779 | 114,145 | 55.1% | 5.2% |
| 1994 | 5,106 | 9,329 | 110,316 | 54.7% | 4.6% |
| 1995 | 4,846 | 9,375 | 109,005 | 51.7% | 4.4% |
| 1996 | 4,675 | 9,237 | 109,408 | 50.6% | 4.3% |
| 1997 | 4,910 | 9,152 | 106,561 | 53.6% | 4.6% |
| 1998 | 4,245 | 9,284 | 109,386 | 45.7% | 3.9% |
| 1999 | 4,715 | 9,456 | 114,875 | 49.9% | 4.1% |
| 2000 | 4,737 | 8,745 | 123,295 | 54.2% | 3.8% |
| 2001 | 5,248 | 11,094 | 135,225 | 47.3% | 3.9% |
| 2002 | 4,929 | 13,029 | 158,737 | 37.8% | 3.1% |
| 2003 | 6,800 | 17,544 | 191,221 | 38.8% | 3.6% |
| 2004 | 6,961 | 19,062 | 212,740 | 36.5% | 3.3% |

Net Value of Department of Defense Prime Contract Awards, 1980-2004

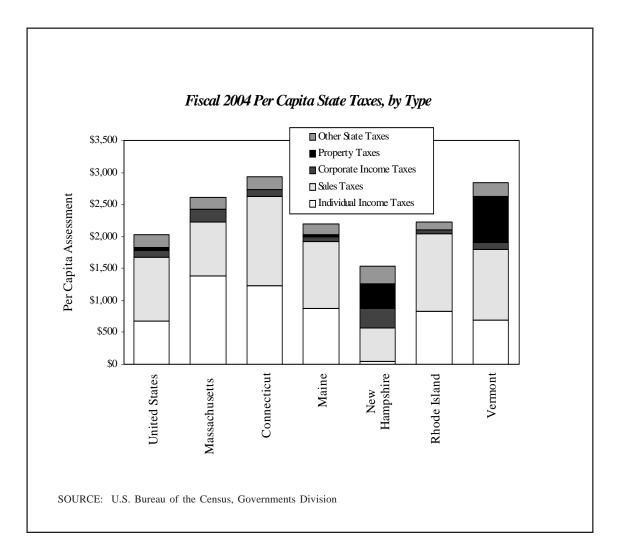
SOURCE: United States Department of Defense. *Prime Contract is defined as \$10,000 and above for these years; beginning in 1983 it is defined as \$25,000 and above.

Travel and Tourism. The travel and tourism industry represents a substantial component of the overall Massachusetts economy. Massachusetts is one of the nation's most popular tourist and travel destinations for both domestic and international visitors. The greater Boston area is New England's most popular destination, as the site of many popular and historic attractions including the New England Aquarium, Boston's Museum of Fine Arts, Boston's Museum of Science, the U.S.S. Constitution, the Kennedy Library and Museum, and Faneuil Hall Marketplace.

The Massachusetts Office of Travel and Tourism estimates that 21.8 million domestic travelers traveled to or within the Commonwealth in 2004, a increase of 15.6 percent from 2003. Additionally, 4.2 million international travelers visited Massachusetts in 2004, an increase of 10.1% from 2003. Leisure is the primary reason for 77 percent of tourist trips to Massachusetts. According to MassPort, there were 5% fewer cruise vessel calls in 2004 than in 2003, 95 versus 100 and 899 fewer cruise passengers, 199,453 versus 200,352. The latest available economic impact data indicates that direct spending by visitors to Massachusetts totaled \$11.7 billion in 2002.

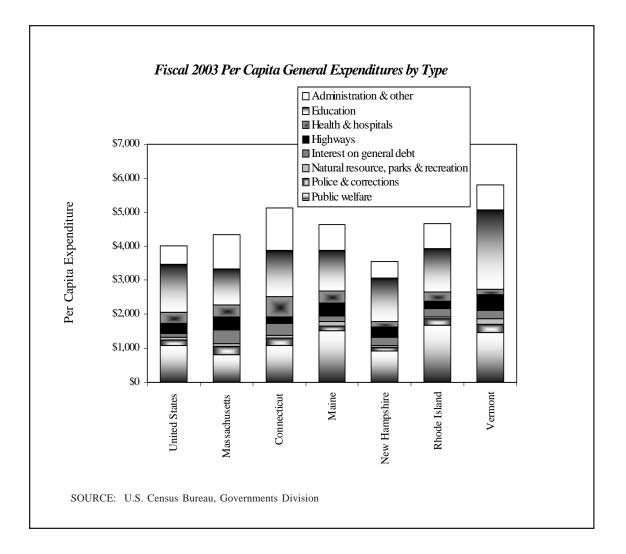
State Taxes. Per capita state taxes in Massachusetts are significantly higher, 28.5%, than the national average. In 2004, the total per capita state tax bill in the United States was \$2,025. Citizens of the Commonwealth however, paid \$2,602 on average, the seventh highest in the nation and an increase of 7.2% from the previous year's \$2,427. In New England, citizens in Connecticut and Vermont paid more per capita, and all New England states except New Hampshire (47th), ranked in the top 16 for per capita state tax collections.

In 2004, over half (52.9%) of the state taxes in Massachusetts came from the state income tax. Per capita individual income taxes in Massachusetts were \$1,376, up 10.3% from \$1,248 in 2003. Also increasing in 2004 were sales receipts, 1.2%, corporate net income, 10.1%, and other taxes (licenses, death and gift, and documentary and stock transfer) 12.3%. Across the New England states, there is wide variation in both total per capita state taxes and in the breakdown of those taxes, as illustrated in the following chart.

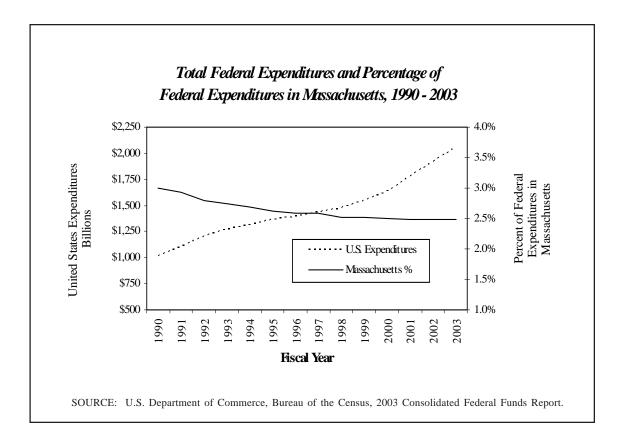


State Government Spending in Massachusetts. The following chart depicts fiscal 2003 per capita state general expenditures by category for the six New England states and the U.S. average state expenditure. Massachusetts ranked 16th in the nation in per capita expenditures (\$5, 095) in 2003 while it ranked 13th and spent more (\$5,122) in 2002. This represents a 0.5% decrease in per capita expenditures from 2002 to 2003.

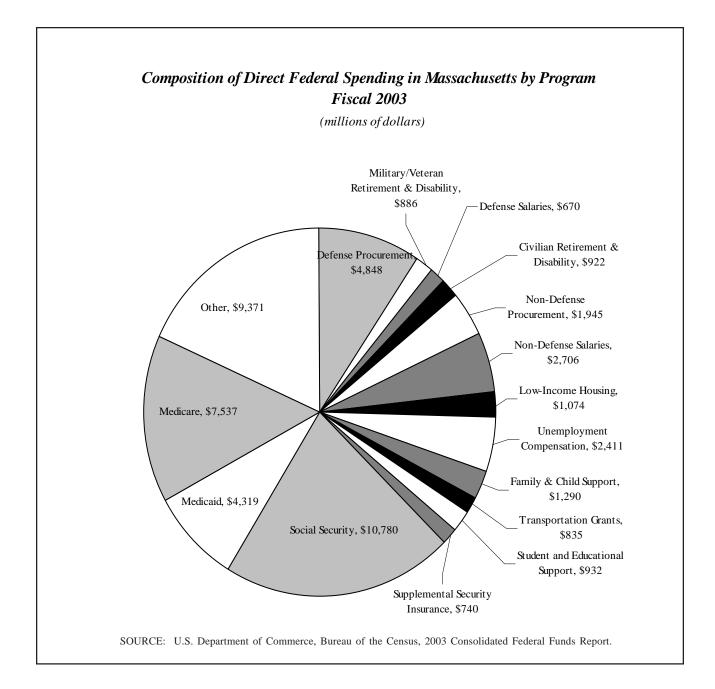
Massachusetts spent more state funds per capita on debt service (\$386) and less on education (\$1055) in 2003 than any of its New England neighbors. Massachusetts spent 7.7% less on debt service and 3.4% more on education in 2003 than 2002. While all New England states used less than the national average of 28.1 percent for intergovernmental expenditures, the variation within the region is significant, with intergovernmental expenditures representing 13.9 percent of Rhode Island expenditures, 19.7 percent of Massachusetts expenditures, and 24.3 percent of Vermont expenditures in 2003.



Federal Government Spending in Massachusetts. Federal government spending contributes a significant amount to the economy of Massachusetts. In fiscal 2003, Massachusetts ranked eleventh among states in per capita distribution of federal funds, with total spending of \$7,969 per person, excluding loans and insurance. Massachusetts' share of total federal spending declined steadily between 1990 and 1999, and has stabilized in the range of 2.48 percent to 2.52 percent between 1998 and 2003. The following chart shows total federal expenditures and the percentage of federal expenditures in Massachusetts. Federal spending includes grants to state and local governments, direct payments to individuals, wage and salary employment, and procurement contracts, and includes only those expenditures that can be associated with individual states and territories.

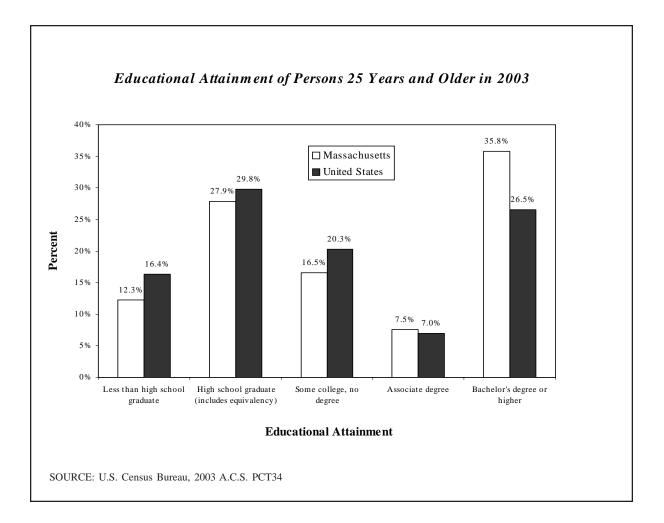


A large percentage of FY 2003 federal spending in Massachusetts was composed of health care and social programs like Medicare and Social Security. Massachusetts was above the national average in per capita federal grants to state and local governments, receiving \$2,071 per capita compared to a national average of \$1,496. Per capita federal spending on salaries and wages in 2003 was lower in Massachusetts than in the rest of the nation (\$535 compared to a national average of \$713) but Massachusetts was above the national average in per capita direct federal payments to individuals (\$4,062 compared to a national average of \$3,690). Massachusetts ranked 14th among states in per capita procurement contract awards (\$1,299 compared to a national average of \$1,011) in 2003. The following chart shows the composition of direct federal spending within Massachusetts in fiscal 2003, excluding loans and insurance.

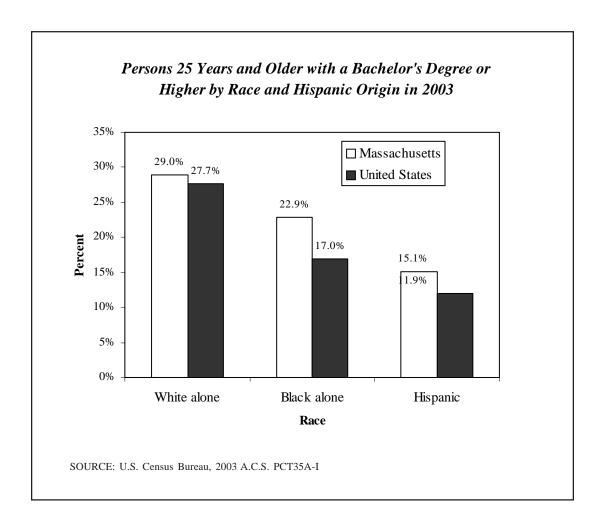


HUMAN RESOURCES AND INFRASTRUCTURE

Human Resources. The availability of a skilled and well-educated population is an important resource for the Commonwealth. The level of education reached by the population of Massachusetts compares favorably with the level in the United States as a whole. In 2003, the Census's American Community Survey (ACS) reported that Massachusetts had a smaller proportion of persons who had not completed high school (12.3%) than the national average (16.4%) and a much higher proportion of persons with a bachelor's degree or more (35.8%) than the nation (26.5%). Massachusetts ranked eighteenth in the nation in percentage of its 25 and older population having received a high school diploma or more and second in percentage of the same population with a bachelor's degree or more in 2003.



While Massachusetts' black and Hispanic population achieved college degrees at roughly half the rate of the white population, they fared much better than the national average.



Massachusetts has a higher minority enrollment in institutions of higher education than New England. However, the percentage of enrollment of blacks, Hispanics, and Asians in higher education in Massachusetts is below the national average. These percentages, which do not include military academy enrollment, are seen in the chart below.

| | Black | Asian | Native American | White | Hispanic | Race Unknown |
|----------------------|-------|-------|-----------------|-------|----------|--------------|
| Massachusetts | 6.3 | 5.9 | 0.4 | 61.5 | 5.0 | 14.0 |
| New England | 5.8 | 4.5 | 0.5 | 67.4 | 4.7 | 12.4 |
| United States (2002) | 11.1 | 5.8 | 0.9 | 62.2 | 10.7 | NA |

Massachusetts is an internationally recognized center for higher education, with 437,595 students in undergraduate, professional and graduate programs in 2003, according to data supplied by the New England Board of Higher Education. According to the Institute of International Education, 28,634 foreign students were enrolled in Massachusetts colleges and universities in the 2003/2004 school year. This was a 4.7% decrease from the previous year but Massachusetts was ranked 4th among states for foreign student enrollment. The Massachusetts public higher education system is composed of universities, state colleges, and community colleges with a combined enrollment of 189,463 students in 2003, 44% of whom attended part-time. In addition, Massachusetts has a system of private higher education that accounted for 56.7% of total enrollment in Massachusetts in 2003. Almost a quarter of the students attending private institutions did so on a part-time basis. The strength of both public and private colleges and universities as centers for research and education contributes to the high quality of the Massachusetts work force and plays a key role in attracting and retaining business and industry within the state.

The higher education system in Massachusetts is particularly strong in post-graduate, scientific, and technical education, with 1,461 science and engineering doctorates awarded in 2002, 4th in the nation. Massachusetts conferred a total of 2,320 doctorates in 2003. Massachusetts was also ranked 2nd in the U.S. in science and engineering postdoctorates in doctorate-granting institutions in 2002, with 5,873.

The pre-eminence of higher education in Massachusetts contributes not only to the quality of its work force, but also to its stature in the nation and the world as a center for basic scientific research and for academic and entrepreneurial research and development. Doctorate-granting institutions in Massachusetts received 4.7% (\$1.71 billion) of total national academic expenditures on R&D in fiscal 2002, with almost half spent in the life sciences. Massachusetts ranked sixth in the nation behind California, New York, Texas, Pennsylvania and Maryland.

The diversity of federal funding sources reflects the variety of research and development work performed at Massachusetts educational institutions. Of the \$1.17 billion in total fiscal 2002 federal outlays for science and engineering research to universities and colleges in Massachusetts (and their affiliated federally funded research and development centers), 57.5% was from the Department of Health and Human Services, 16.9% was from the National Science Foundation, 13.6% from the Department of Defense, 6.6% was from the Department of Energy, and 3.9% was from the National Aeronautics and Space Administration. Massachusetts ranked 4th in the nation in 2002 in total federal outlays for research and development, with total federal spending of \$4.66 billion in the state.

Given the quality of the Commonwealth's research and development sector, it is not surprising that Massachusetts fares better than the national average in homes with computer and internet access. According to Census's September 2001 Current Population Survey, Massachusetts ranked 17th in the country for households with access to a computer, 59.0%, compared with 56.3% nationally. Massachusetts ranked 12th for homes with internet access, 54.7%, compared to 50.4% of homes nationwide.

Expenditure Per Pupil in Public Elementary and Secondary Schools, 1981-2002

| Fiscal Year | Massachusetts | United States | Ratio (MA/U.S.) |
|-------------|---------------|---------------|-----------------|
| 1981 | \$2,735 | \$2,307 | 1.19 |
| 1982 | 2,823 | 2,525 | 1.12 |
| 1983 | 3,072 | 2,736 | 1.12 |
| 1984 | 3,298 | 2,940 | 1.12 |
| 1985 | 3,653 | 3,222 | 1.13 |
| 1986 | 4,031 | 3,479 | 1.16 |
| 1987 | 4,491 | 3,682 | 1.22 |
| 1988 | 4,965 | 3,927 | 1.26 |
| 1989 | 5,485 | 4,307 | 1.27 |
| 1990 | 5,766 | 4,643 | 1.24 |
| 1991 | 5,881 | 4,902 | 1.20 |
| 1992 | 5,952 | 5,023 | 1.18 |
| 1993 | 6,141 | 5,160 | 1.19 |
| 1994 | 6,423 | 5,327 | 1.21 |
| 1995 | 6,783 | 5,529 | 1.23 |
| 1996 | 7,033 | 5,689 | 1.24 |
| 1997 | 7,331 | 5,923 | 1.24 |
| 1998 | 7,778 | 6,189 | 1.26 |
| 1999 | 8,260 | 6,508 | 1.27 |
| 2000 | 8,761 | 6,911 | 1.27 |
| 2001 | 9,509 | 7,376 | 1.29 |
| 2002 | 10,232 | 7,524 | 1.36 |

(in current, unadjusted dollars)

SOURCE: United States Department of Education, National Center for Education Statistics.

Although spending on education is not necessarily an indicator of results, Massachusetts has spent from 12 to 36 percent more per pupil on primary and secondary education than the national average since at least 1981. During the 2001-2002 school year, Massachusetts increased per student expenditures to \$10,232; 36 percent higher than the national average. The preceding table shows expenditures per pupil for Massachusetts and the United States since fiscal 1981.

In the 2003 National Assessment of Educational Progress conducted by the U.S. Department of Education, 4th graders and 8th graders around the nation were given standardized exams in reading and math. Massachusetts's 2003 4th grade average scale reading scores were lower than 2002 but still higher than 48 other states and jurisdictions and not statistically different from the remaining 4. Massachusetts's 8th grade reading scores were higher in 2003 but not statistically different from 2002. Nationally, they were higher than 49 other jurisdictions and not statistically different from the remaining 3. Massachusetts's math scores for both 4th and 8th graders in 2003 were significantly higher than 2000. Nationally, 4th grade scores were higher than 49 other jurisdictions and not statistically different from the remaining 3 while 8th grade scores were higher than 42 other jurisdictions, not significantly different than 9 and lower than 1.

In 2002, the U.S. Department of Education tested 4th and 8th grade student's writing skills. Massachusetts's 4th grade average scale score was higher than those in 46 other jurisdictions, and lower than those in 1 jurisdiction. The 8th grade scores were higher than 1998 and higher than those in 41 jurisdictions and not statistically different from those in 5 in 2002.

In 2000, 4th and 8th graders were given standardized exams in science. Massachusetts 4th graders scored highest in the nation on the science exam and only 8th graders in Montana achieved statistically significant higher scores than 8th graders in Massachusetts. [Source: U.S. Department of Education, Institute of Education Sciences, National Center for Educational Statistics, National Assessment of Educational Progress (NAEP). "Jurisdictions" includes participating states and other jurisdictions such as the District of Columbia and the Department of Defense Dependents Schools.]

Major Infrastructure Projects. Several major public sector-sponsored construction projects are underway in the Boston region, providing significant economic and employment benefits to the state.

The "Big Dig," the world's largest highway project, includes the depression of the central artery which traverses the City of Boston, and the construction of a third harbor tunnel linking downtown Boston to Logan Airport. The new Central Artery is designed to meet Boston's future traffic demand and is anticipated to carry 245,000 vehicles per day by 2010 with minimal congestion. The Project will also strengthen connections among Boston's air, rail, and seaport terminals. By offering travelers and shippers increased choice and flexibility among these different modes of transportation, the Project is contributing to the creation of an integrated, intermodal transportation system for the entire region. The Ted Williams Tunnel, which stretches under Boston Harbor from South Boston to Logan Airport, opened to commercial traffic in late 1995 and to all traffic in December 2001, and will carry an estimated 98,000 vehicles daily in 2010. The Central Artery Project is due to be completed by 2005 at an estimated total cost of \$14.63 billion, with nearly half funded by the federal government. More than \$1.5 billion of the state's share of future federal funding is slated to go toward the Big Dig until 2012. As of April 4, 2004, construction is 93.5 percent complete.

The \$385 million Route 3 North project improves safety and travel along the Route 3 highway mainline and the adjacent roadways. Route 3 North is 21 miles in length from the Route 128 interchange in Burlington to the New Hampshire border. Initial survey and sub-surface work commenced along the Route 3 corridor in the fall of 2000 and the total project is estimated to take 42 months to complete. This design-build project includes adding a travel lane and two 10' shoulders in each direction, the replacement of 47 bridges, a park and ride facility as well as various environmental improvements.

The MBTA Silver Line project creates the first new MBTA rapid transit line in 90 years. The Silver Line is a state-of-the-art Bus Rapid Transit (BRT) system. This transit line is being completed in three phases. The first and second segments are being introduced as two, separate BRT lines: Silver Line Phase I, which has been open since 2002, travels along Washington Street between Dudley Square and Downtown; and Silver Line Phase II, now under construction and set to open in 2004, will run underground from South Station to the South Boston Waterfront and continue aboveground to the Boston Convention and Exhibition Center, Marine Industrial Park, and Logan Airport. The third phase, Silver Line Phase III, which is currently in design, will link Phases I and II. When the final phase has been completed, all three segments will connect to become the MBTA's fifth rapid transit line. It will offer a seamless link between the communities of Roxbury, the South End, Chinatown, Downtown, and South Boston. More than \$450 million has been invested in the Washington Street corridor in both commercial and residential development projects.

The MBTA Greenbush project will restore commuter rail service on the existing right-of-way known as the Greenbush corridor through the towns of Braintree, Weymouth, Hingham, Cohasset and Scituate, Massachusetts. The project begins at the connection with the existing MBTA Old Colony Main Line at the Braintree Wye in East Braintree, and extends 18 miles easterly along the former New Haven Railroad Greenbush Branch to the terminus in the Greenbush section of Scituate. Notice to proceed for design was issued in April of 2002 and the project is targeted for completion in June of 2006.

The Massachusetts Executive Office of Transportation and Construction's Lawrence Gateway Project, generally regarded as an integral step in the renaissance of this historic mill city, will offer 1.2 million square feet of cost-effective, quality office space in the mills along the Merrimack River and the canal district, as well as dramatically improved access to Routes 495, 93 and 95.

On February 10, 2004, the governor filed a \$1.15 billion bill for capital transportation spending that guarantees the state will invest at least \$400 million every year in upgrading the Commonwealth's roads and bridges until the year 2012. The 2004 Transportation Bond Bill will provide three years worth of new capital authorization for critical transportation priorities. Funding provisions in the Bond Bill include \$425 million for federally assisted transportation projects to support the road and bridge program, \$300 million for Chapter 90 local aid, \$210 million for non-federally assisted roadway projects, \$102 million to protect rail freight properties and to provide capital assistance to Regional Transit Authorities (RTAs) and \$23 million for various local grant programs.

The Massachusetts Port Authority (Massport) owns and operates Logan International Airport, Hanscom Field, Worcester Regional Airport, the Port of Boston, and several smaller assets. Logan Airport is undergoing a more than \$4 billion modernization program that will result in improved access, modern facilities, and the latest customer amenities. In addition, Massport, which owns and operates Logan Airport, has been nationally-recognized for being the first U.S. airport authority to design and build an inline 100% bag screening system, deploy an anti-terrorism unit armed with submachine guns and hand held wireless computers, and implement behavior profiling to spot potential terrorists.

The Port of Boston has instituted port optimization, which consolidated all container operations at Conley Terminal in South Boston, where Massport invested \$50 million in four post-Panamax cranes, deeper berths and a modern, timesaving 10-lane gate facility. At the same time, Moran Terminal was transformed into Boston Autoport, a state-of-the-art facility that can offload 400 cars an hour and process over 100,000 cars a year. It increased warehousing by replacing two unused cargo buildings with a 200,000-square-foot warehouse and cargo transfer facility in South Boston, International Cargo Port Inc. Harbor dredging is now underway and, when complete, will improve navigation and safety, reduce cargo handling costs and further control product costs to New England businesses and consumers. It introduced value-added services for customers, such as the Harbor Maintenance Tax, which provides a dollar-for-dollar tax credit for shippers using the Port of Boston. It anticipates the expansion of 120,000 square feet of rehabilitated space to respond to increased demands by cruise lines and their passengers at the Black Falcon Cruise Terminal.

Sources List

Listed below are the the web sites of the original data sources used to compile this section (Exhibit A) of the Economic Due Diligence report. The sites are listed in section title order.

Population Characteristics

United States Department of Commerce, Bureau of the Census http://www.census.gov

Personal Income, Consumer Prices, and Poverty

U.S. Department of Commerce, Bureau of Economic Analysis

http://www.bea.doc.gov/bea/regional

United States Department of Labor, Bureau of Labor Statistics http://www.bls.gov The Conference Board, Inc. (for U.S. and N.E. mea-

sures), Mass Insight Corporation (for MA measure) http://www.conference-board.org http://www.massinsight.com/index.asp U.S. Department of Commerce, Bureau of the Census http://www.census.gov

Employment

MA Division of Unemployment Assistance http://www.detma.org United States Department of Labor, Bureau of Labor Statistics http://www.bls.gov The Conference Board, Inc. http://www.conference-board.org

Economic Base and Performance

U.S. Department of Commerce, Bureau of Economic Analysis http://www.bea.doc.gov/bea/regional/gsp/ Fortune Magazine http://www.fortune.com/fortune/

Economic Base and Performance - Sector Detail (NAICS Basis) U.S. Department of Commerce, Bureau of Economic Analysis http://www.bea.doc.gov/bea/regional/gsp/ U.S. Census Bureau, Foreign Trade Division. Prepared by the World Institute for Strategic Economic Research (WISER) http://www.wisertrade.org Massport http://www.massport.com **Airports Council International** http://www.aci.aero **Army Corps of Engineers** http://www.iwr.usace.army.mil/ndc/wcsc/statenm03.htm Federal Reserve Bank of Boston; United States Department of Commerce http://www.bos.frb.org http://www/census.gov National Association of Realtors; Federal Reserve Bank of **Boston** http://www.bos.frb.org/economic/neei/neeidata.htm **U.S. Department of Defense** http://web1.whs.osd.mil/peidhome/geostats/geostat.htm **U.S. Census Bureau, Governments Division** http://www.census.gov/govs/www/statetax.html http://www.census.gov/govs/www_state.html U.S. Department of Commerce, Bureau of the Census, 2003 **Consolidated Federal Funds Report** http://www.census.gov/govs/www/cffr.html

Human Resources and Infrastructure

U.S. Census Bureau, 2003 A.C.S. PCT35A-I http://www.census.gov/acs/www/ New England Board of Higher Education http://www.nebhe.org.connection.html National Science Foundation http://www.nsf.gov/statistics United States Department of Education, National Center for Education Statistics http://nces.ed.gov/pubsearch/Subindx.asp http://nces.ed.gov.nationsreportcard/states

PROPOSED FORM OF OPINION OF BOND COUNSEL

Upon delivery of the Bonds described below, Bond Counsel proposes to deliver an opinion in substantially the following form:

PALMER & DODGE LLP

111 HUNTINGTON AVENUE AT PRUDENTIAL CENTER BOSTON, MA 02199-7613

[Date of Delivery]

The Honorable Timothy P. Cahill Treasurer and Receiver-General The Commonwealth of Massachusetts State House - Room 227 Boston, Massachusetts 02133

> \$400,000,000 The Commonwealth of Massachusetts General Obligation Bonds Consolidated Loan of 2005, Series B Dated Date of Delivery

We have acted as bond counsel to The Commonwealth of Massachusetts (the "Commonwealth") in connection with the issuance by the Commonwealth of the above-referenced bonds (the "Bonds"). In such capacity, we have examined the law and such certified proceedings and other papers as we have deemed necessary to render this opinion.

As to questions of fact material to our opinion we have relied upon representations and covenants of the Commonwealth contained in the certified proceedings and other certifications of public officials furnished to us, without undertaking to verify the same by independent investigation.

Based on our examination, we are of the opinion, under existing law, as follows:

1. The Bonds are valid general obligations of the Commonwealth and the full faith and credit of the Commonwealth are pledged for the payment of the principal of and interest on the Bonds. It should be noted, however, that Chapter 62F of the General Laws of the Commonwealth establishes a state tax revenue growth limit and does not exclude principal and interest payments on Commonwealth debt obligations from the scope of the limit.

2. Interest on the Bonds is excluded from the gross income of the owners of the Bonds for federal income tax purposes. In addition, interest on the Bonds is not a specific preference item for purposes of the federal individual or corporate alternative minimum taxes. However, such interest is included in adjusted current earnings when calculating corporate alternative minimum taxable income. In rendering the opinions set forth in this paragraph, we have assumed compliance by the Commonwealth with all requirements of the Internal Revenue Code of 1986 that must be satisfied subsequent to the issuance of the Bonds in order that interest thereon be, and continue to be, excluded from gross income for federal income tax purposes. The Commonwealth has covenanted to comply with all such requirements. Failure by the Commonwealth to comply with certain of such requirements may cause interest on the Bonds to become included in gross income for federal income tax purposes.

The Honorable Timothy P. Cahill _____, 2005 Page 2

3. Interest on the Bonds is exempt from Massachusetts personal income taxes and the Bonds are exempt from Massachusetts personal property taxes. We express no opinion regarding any other Massachusetts tax consequences arising with respect to the Bonds or any tax consequences arising with respect to the Bonds under the laws of any state other than Massachusetts.

This opinion is expressed as of the date hereof, and we neither assume nor undertake any obligation to update, revise, supplement or restate this opinion to reflect any action taken or omitted, or any facts or circumstances or changes in law or in the interpretation thereof, that may hereafter arise or occur, or for any other reason.

The rights of the holders of the Bonds and the enforceability of the Bonds may be subject to bankruptcy, insolvency, reorganization, moratorium and other similar laws affecting creditors' rights heretofore or hereafter enacted to the extent constitutionally applicable, and their enforcement may also be subject to the exercise of judicial discretion in appropriate cases.

PALMER & DODGE LLP

The Commonwealth of Massachusetts

\$400,000,000 General Obligation Bonds Consolidated Loan of 2005, Series B

Continuing Disclosure Undertaking [to be included in bond form]

On behalf of the Commonwealth, the Treasurer and Receiver-General of the Commonwealth hereby undertakes for the benefit of the owners of the Bonds to provide to each nationally recognized municipal securities information repository (each, a "NRMSIR") within the meaning of Rule 15c2-12 of the Securities and Exchange Commission (the "Rule") and to the state information depository for the Commonwealth, if any (the "SID"), within the meaning of the Rule, no later than 270 days after the end of each fiscal year of the Commonwealth, (i) the annual financial information described below relating to such fiscal year, together with audited financial statements of the Commonwealth for such fiscal year if audited financial statements are then available, provided, however, that if audited financial statements of the Commonwealth are not then available, such audited financial statements shall be delivered to each NRMSIR and the SID when they become available (but in no event later than 350 days after the end of such fiscal year) or (ii) notice of the Commonwealth's failure, if any, to provide any such information. The annual financial information to be provided as aforesaid shall include financial information and operating data, in each case updated through the last day of such fiscal year unless otherwise noted, relating to the following information contained in the Commonwealth's Information Statement dated March 17, 2005 (the "Information Statement"), as it appears as Appendix A in the Official Statement dated March 17, 2005 of the Commonwealth with respect to its \$669,710,000 General Obligation Bonds, Consolidated Loan of 2005, Series A, and substantially in the same level of detail as is found in the referenced section of the Information Statement:

| | Financial Information and Operating Data Category | Reference to Information Statement for Level of Detail |
|----|---|---|
| 1. | Summary presentation on statutory accounting and five-year comparative basis of selected budgeted operating funds operations, concluding with prior fiscal year, plus estimates for current fiscal year | "DISCUSSION AND ANALYSIS OF FINANCIAL CONDITIONS AND RESULTS OF OPERATIONS - Selected Financial Data - Statutory Basis" |
| 2. | Summary presentation on GAAP and five-year comparative basis of governmental funds operations, concluding with prior fiscal year | "COMMONWEALTH BUDGET AND FINANCIAL MANAGEMENT CONTROLS - Selected Financial Data - GAAP Basis" |
| 3. | Summary presentation of actual revenues in budgeted operating funds on five-year comparative basis, concluding with prior fiscal year, plus estimates for current fiscal year | "COMMONWEALTH REVENUES - Statutory Basis Distribution of Revenues" |

| | Financial Information and Operating Data Category | Reference to Information Statement for Level of Detail |
|-----|---|--|
| 4. | So long as Commonwealth statutes impose limits on tax revenues, information as to compliance therewith in the prior fiscal year | "COMMONWEALTH REVENUES - Limitations on Tax Revenues" |
| 5. | Summary presentation of budgeted expenditures by selected, then-current major categories on five-year comparative basis and estimated expenditures for current fiscal year | "Commonwealth Programs and Services" |
| 6. | Summary presentation of the then-current, statutorily imposed funding schedule for future Commonwealth pension liabilities, if any | "COMMONWEALTH PROGRAMS AND SERVICES - Commonwealth Pension Obligations" |
| 7. | If and to the extent otherwise updated in the prior fiscal year, summary presentation of the size of the state workforce | "STATE WORKFORCE" |
| 8. | Five-year summary presentation of actual capital project expenditures | "COMMONWEALTH CAPITAL ASSET INVESTMENT PLAN - Capital Investment Plan" |
| 9. | Statement of Commonwealth debt and debt related to general obligation contract liabilities as of the end of the prior fiscal year | "LONG-TERM LIABILITIES - General Authority to Borrow - Commonwealth Debt and Debt Related to General Obligation Contract Assistance Liabilities" |
| 10. | Annual fiscal year debt service requirements for Commonwealth general obligation and special obligation bonds, beginning with the current fiscal year | "LONG-TERM LIABILITIES - Debt Service Requirements on Commonwealth Bonds" |
| 11. | Annual fiscal year contract assistance requirements for Commonwealth general obligation contract assistance, beginning with the current fiscal year | "LONG-TERM LIABILITIES - General Obligation Contract Assistance Liabilities" |
| 12. | Annual fiscal year budgetary contractual assistance liabilities for Commonwealth, beginning with the current fiscal year | "LONG-TERM LIABILITIES - Budgetary Contractual Assistance Liabilities" |
| 13. | Five-year summary presentation of authorized but unissued general obligation debt | "LONG-TERM LIABILITIES - Authorized But Unissued Debt" |
| 14. | So long as Commonwealth statutes impose a limit on the amount of outstanding "direct" bonds, information as to compliance therewith as of the end of the prior fiscal year | "LONG-TERM LIABILITIES - General Authority to Borrow-Statutory Limit on Direct Debt" |

Any or all of the items listed above may be included by reference to other documents, including official statements pertaining to debt issued by the Commonwealth, which have been submitted to each NRMSIR. If the document incorporated by reference is a Final Official Statement within the meaning of the Rule, it will also be available from the Municipal Securities Rulemaking Board ("MSRB"). The Commonwealth's annual financial statements for each fiscal year shall consist of (i) combined financial statements prepared in accordance with a basis of accounting that demonstrates compliance with the Massachusetts General Laws and other applicable state finance laws, if any, in effect from time to time and (ii) general purpose financial statements prepared in accordance with generally accepted accounting principles in effect from time to time. Such financial statements shall be audited by a firm of certified public accountants

appointed by the Commonwealth.

On behalf of the Commonwealth, the Treasurer and Receiver-General of the Commonwealth hereby further undertakes for the benefit of the owners of the Bonds to provide in a timely manner to each NRMSIR or the MSRB and to the SID notice of any of the following events with respect to the Bonds (numbered in accordance with the provisions of the Rule), if material:

- principal and interest payment delinquencies;
- non-payment related defaults;
- unscheduled draws on debt service reserves reflecting financial difficulties 1/;
- unscheduled draws on credit enhancements reflecting financial difficulties;
- substitution of credit or liquidity providers, or their failure to perform;
- adverse tax opinions or events affecting the tax-exempt status of the security;
- modifications to the rights of security holders;
- bond calls;
- defeasances;
- release, substitution or sale of property securing repayment of the securities 2/ and
- rating changes.

Nothing herein shall preclude the Commonwealth from disseminating any information in addition to that required hereunder. If the Commonwealth disseminates any such additional information, nothing herein shall obligate the Commonwealth to update such information or include it in any future materials disseminated.

To the extent permitted by law, the foregoing provisions of this Bond related to the above-described undertakings to provide information shall be enforceable against the Commonwealth in accordance with the terms thereof by any owner of a Bond, including any beneficial owner acting as a third-party beneficiary (upon proof of its status as a beneficial owner reasonably satisfactory to the Treasurer and Receiver-General). To the extent permitted by law, any such owner shall have the right, for the equal benefit and protection of all owners of Bonds, by mandamus or other suit or proceeding at law or in equity, to enforce its rights against the Commonwealth and to compel the Commonwealth and any of its officers, agents or employees to perform and carry out their duties under the foregoing provisions as aforesaid, provided, however, that the sole remedy in connection with such undertakings shall be limited to an action to compel specific performance of the obligations of the Commonwealth in connection with such undertakings and shall not include any rights to monetary damages. The Commonwealth's obligations in respect of such undertakings shall terminate if no Bonds remain outstanding (without regard to an economic defeasance) or if the provisions of the Rule

^{1/}Not applicable to the Bonds, since there is no debt service reserve fund securing the Bonds.

^{2/}Not applicable to the Bonds, since there is no property securing repayment of the Bonds that could be released, substituted or sold.

concerning continuing disclosure are no longer effective, whichever occurs first. The provisions of this Bond relating to such undertakings may be amended by the Treasurer and Receiver-General of the Commonwealth, without the consent of, or notice to, any owners of the Bonds, (a) to comply with or conform to the provisions of the Rule or any amendments thereto or authoritative interpretations thereof by the Securities and Exchange Commission or its staff (whether required or optional), (b) to add a dissemination agent for the information required to be provided by such undertakings and to make any necessary or desirable provisions with respect thereto, (c) to add to the covenants of the Commonwealth for the benefit of the owners of Bonds, (d) to modify the contents, presentation and format of the annual financial information from time to time as a result of a change in circumstances that arises from a change in legal requirements, or (e) to otherwise modify the undertakings in a manner consistent with the provisions of state legislation establishing the SID or otherwise responding to the requirements of the Rule concerning continuing disclosure; provided, however, that in the case of any amendment pursuant to clause (d) or (e), (i) the undertaking, as amended, would have complied with the requirements of the Rule at the time of the offering of the Bonds, after taking into account any amendments or authoritative interpretations of the Rule, as well as any change in circumstances, and (ii) the amendment does not materially impair the interests of the owners of the Bonds, as determined either by a party unaffiliated with the Commonwealth (such as Commonwealth disclosure counsel or Commonwealth bond counsel) or by the vote or consent of owners of a majority in outstanding principal amount of the Bonds affected thereby at or prior to the time of such amendment.