

**Dirigo Health Agency Determination of Aggregate Measurable Cost Savings
(AMCS)
Disclosure, June 2, 2008**

The Agency is submitting this year's report and supporting documentation on AMCS in electronic format on CD media. The CD accompanying this document includes the Agency's consultants' report, supporting documents, datasets, and all notes, emails, drafts, and other documents the consultants considered.

The CD is organized in this fashion:

There are two folders at the top level of the CD:

- 1) Report and supporting documentation
- 2) Discovery

The "Report and supporting documentation folder" contains the schramm•raleigh Health Strategy (srHS) report to the Dirigo Health Agency (dha_document_01.pdf) as well as all documents srHS relied on or cited in the report. The Agency has labeled these documents "dha_document_01.pdf" through "dha_document_xx.pdf" The folder contains an index to these documents. This index is reproduced below.

In addition, the "Report and supporting documentation folder " contains the datasets and calculation worksheets srHS used in making their AMCS determination. The Agency has labeled these datasets and worksheets as "dha_dataset_xx" and "dha_worksheet_xx" respectively. The folder index also details these files. The Agency is submitting the datasets in the formats srHS obtained and used during their calculation process. The worksheets are all in Microsoft Excel format, and are also contained as appendices in the srHS report.

The "Discovery" folder contains all emails, attachments, drafts, notes, and other documents exchanged between the Agency and its consultants as well as documents the team considered but did not rely upon. Where the Agency has combined these documents into a single file, for example, with email correspondence (dha_discovery_01.pdf), the Agency has Bates stamped each page within the file. The folder contains an index to these files. This index is reproduced below.

The "Discovery" folder also contains three subfolders:

- 1) attachments – contains all attachments associated with email correspondence. The folder index details which emails are associated with each attachment.
- 2) insurance company statements – contains financial statements in PDF format from Maine insurance companies that are password protected. The password protection makes it impossible for the Agency to merge these documents with larger discovery files. Therefore, the Agency is submitting these files separately.
- 3) spreadsheets and source data – contains spreadsheets and other text data files

Report and supporting documentation index

Description	Filename
schramm•raleigh Health Strategy Report	dha_document_01.pdf
P.L. 2003, ch. 469	dha_document_02.pdf
SOP Year 3 Decision of the Board	dha_document_03.pdf
SOP Year 3 Decision of the Superintendent of Insurance	dha_document_04.pdf
Schoen, Cathy et al. "Bending the Curve: Options for Achieving Savings and Improving Value in U.S. Health Spending" The Commonwealth Fund Commission on a High Performance Health System (2007)	dha_document_05.pdf
Schoen, Cathy et al. "Bending the Curve: Options for Achieving Savings and Improving Value in U.S. Health Spending" The Commonwealth Fund Commission on a High Performance Health System (2007) - EXHIBITS	dha_document_06.pdf
DirigoChoice Enrollment Form	dha_document_07.pdf
DirigoChoice Discount Application	dha_document_08.pdf
Pernice, Cynthia and Jill Rosenthal. "Dirigo Health Reform Act: Addressing Health Care Costs, Quality, Access" National Academy for State Health Policy (2004)	dha_document_09.pdf
The Dartmouth Insititute for Health Policy and Clinical Practice (2008) "The Dartmouth Atlas of Health Care 2008" - EXECUTIVE SUMMARY	dha_document_10.pdf
The Dartmouth Insititute for Health Policy and Clinical Practice (2008) "The Dartmouth Atlas of Health Care 2008"	dha_document_11.pdf
Thorpe, Ken. "Paying A Premium: The Added Cost of Care for the Uninsured" Families USA (2005)	dha_document_12.pdf
Gawande, Atul. "The Checklist." The New Yorker December 10, 2007	dha_document_13.pdf
Wolff, Jennifer et al. "Prevalence, Expenditures, and Complications of Multiple Chronic Conditions in the Elderly." Archives of Internal Medicine 162 (2002) 2269-2276	dha_document_14.pdf
Bodenheimer, Thomas and Alicia Fernandez. "High and Rising Health Care Costs. Part 4: Can Costs be Controlled While Preserving Quality?" Annals of Internal Medicine 143 (2005) 26-31	dha_document_15.pdf
Cutler, David M. and Mark McClellan. "Is Technological Change Worth It?" Health Affairs 20, no. 5 (2001) 11-20	dha_document_16.pdf
Hillestad, Richard et al. "Can Electronic Medical Record Systems Transform Health Care? Potential Health Benefits, Savings, and Costs" Health Affairs 24 (2005) 1103-1117	dha_document_17.pdf
Jönsson, B. et al. "Cost-effectiveness of Cholesterol Lowering: Results from the Scandinavian Simvastatin Survival Study" European Heart Journal 17 (1996) 1001-1007	dha_document_18.pdf
Kaye, Keith et al. "Favorable Impact of an Infection Control Network on Nosocomial Infection Rates in Community Hospitals" Infection Contol and Hospital Epidemiology 27 (2006) 228-232	dha_document_19.pdf
Thorpe, Ken. "Federal Costs and Savings Associated with Senator Kerry's Health Care Plan" (2004)	dha_document_20.pdf
Letherman, Sheila et al. "The Business Case for Quality: Case Studies and an Analysis" Health Affairs 22, no. 2 (2003) 17-30	dha_document_21.pdf
Mercer Report to North Carolina Division of Medical Assistance on ACCESS program FY 2003	dha_document_22.pdf
Mercer Report to North Carolina Division of Medical Assistance on ACCESS program FY 2004	dha_document_23.pdf
Mercer Report to North Carolina Division of Medical Assistance on ACCESS program FY 2005-2006	dha_document_24.pdf
Muto, C. et al. "Reduction in Central Line Associated Bloodstream Infections Among Patients in Intensive Care Units - Pennsylvania, April 2001-March 2005" Morbidity and Mortality Weekly Report 54 (2005) 1013-1016	dha_document_25.pdf
National Institutes of Health (2002) "Third Report of the National Cholesterol Education Program Expert Panel on Detection, Evaluation, and Treatment of High Cholesterol in Adults (Adult Treatment Panel III)"	dha_document_26.pdf
NCQA PPC-PCMH Content and Scoring	dha_document_27.pdf
Pennsylvania Health Care Cost Containment Council (2006) "Hospital-acquired Infections in Pennsylvania"	dha_document_28.pdf
Yoo, Hannah and Karen Harner. "An Updated Survey of Health Care Claims Receipt and Processing Times" America's Health Insurance Plans (2006)	dha_document_29.pdf
Pronovost, Peter et al. "An Intervention to Decrease Catheter-Related Bloodstream Infections in the ICU" The New England Journal of Medicine 355 (2006) 2725-2732	dha_document_30.pdf
Roetzheim, Richard et al. "Primary Care Physician Supply and Colorectal Cancer" The Journal of Family Medicine 50 (2001) 1027-1031	dha_document_31.pdf
Mitchell, Elizabeth. "A Booster Shot, and More, for Health Care" Portland Press Herald, April 7, 2008 Maine Voices section	dha_document_32.pdf
Zack, Jeanne et al. "Effect of an education program aimed at reducing the occurrence of ventilator-associated pneumonia" Crit Care Med 30 (2002) 2407-2412	dha_document_33.pdf
Wang, Samuel et al. "A Cost-Benefit Analysis of Electronic Medical Records in Primary Care" The American Journal of Medicine 114 (2003) 397-403	dha_document_34.pdf

Xakellis, G.C. and R. Frantz. "The cost of healing pressure ulcers across multiple health care settings" Advanced Wound Care 9 (1996) 18-22 - ABSTRACT	dha_document_35.pdf
P.L. 2007, ch. 447	dha_document_36.pdf
P.L. 2005, ch. 394	dha_document_37.pdf
P.L. 2005, ch. 400	dha_document_38.pdf
Illinois Hospital Association Percent of Total Population Uninsured by State 1999-2006	dha_document_39.pdf
Advisory Council on Health Systems Development (2007) "ACHSD Data Book: Investigating Maine's Health Cost Drivers"	dha_document_40.pdf
State per capita estimates 1994-2004 from Centers for Medicare and Medicaid Services (CMS)	dha_document_41.pdf
Aetna 2008 MLR BOI Filing	dha_document_42.pdf
Kaiser Commission on Medicaid and the Uninsured. (2007) Medicaid Facts	dha_document_43.pdf
Saucier, P., "MaineCare and its Role in Maine's Healthcare System," report to Kaiser Commission on Medicaid and the Uninsured from Muskie School of Public Service, January 2005	dha_document_44.pdf
"Maine's Dirigo Health Reform of 2003", State Expansions, Families USA, November, 2007	dha_document_45.pdf
2008 FPL	dha_document_46.pdf
Kaiser Commission on Medicaid and the Uninsured, "Maine Section 1115 Waiver"	dha_document_47.pdf
CMS National Health Expenditure Data 2007 Projections	dha_document_48.pdf
CMS National Health Expenditure Data 2006 Projections	dha_document_49.pdf
MRS 24-A Chapter 87	dha_document_50.pdf
American Hospital Association (2006) "Uncompensated Hospital Care Cost Fact Sheet"	dha_document_51.pdf
Cohen, J. "Design and Methods of the Medical Expenditure Panel Survey Household Component" Agency for Health Care Policy and Research MEPS Methodology Report No. 1 (1997)	dha_document_52.pdf
Thorpe analysis Stata log file	dha_document_53.pdf
Thorpe analysis Stata program	dha_document_54.pdf
Anderson G. "From 'Soak The Rich' To 'Soak The Poor': Recent Trends In Hospital Pricing" Health Affairs 26 (2007) 780-789	dha_document_55.pdf
Himmelstein D. et al. "Illness and Injury as Contributors to Bankruptcy," Health Affairs, Web Exclusive, February 2, 2005, pp. W5-63 – W5-73.	dha_document_56.pdf
Bradbury R. et al. "Comparing Uninsured and Privately Insured Hospital Patients: Admission Severity, Health Outcomes, and Resource Use," Health Services Management Research 32(1) (2001) 508-13	dha_document_57.pdf
Institute of Medicine, "Hidden Costs, Value Lost: Uninsurance in America" (2003)	dha_document_58.pdf
The Urban Institute and the University of Maryland, Baltimore County, "Uninsured Americans with Chronic Health Conditions: Key Findings from the National Health Interview Survey" (2005)	dha_document_59.pdf
Institute of Medicine, "Care Without Coverage: Too Little, Too Late" (2002)	dha_document_60.pdf
National Association of State Budget Officers "Fiscal Year 2006 State Expenditure Report" (2007)	dha_document_61.pdf
Maine Department of Health and Human Services, Bureau of Medicinal Services "Annual Report to the State Legislature FY 2004" (2004)	dha_document_62.pdf
Maine Personal Health Care Expenditures (PHCE), Medicaid1, State of Residence, 1991-2004	dha_document_63.pdf
National Governor Association, National Association of State Budget Officers "The Fiscal Survey of States" (2007)	dha_document_64.pdf
Maine Hospital Association "Maine Hospitals Financial Information" (2007)	dha_document_65.pdf
Institute of Medicine, "Care Without Coverage: Too Little, Too Late" (2002)	dha_document_60.pdf
Kaiser data for Medicaid and SCHIP (tab delimited text file)	dha_dataset_01.txt
Kaiser data for Medicare (tab delimited text file)	dha_dataset_02.txt
Raw MCR data from AHD (tab delimited text file)	dha_dataset_03.txt
Raw CMI data from AHD (comma delimited text file)	dha_dataset_04.txt
HMBI data (Excel spreadsheet)	dha_dataset_05.xls
Medicaid and SCHIP eligibility (Stata data file)	dha_dataset_06.dta
MEPS data (Stata data file)	dha_dataset_07.dta
March Supplement to the Current Population Survey (CPS) 1999 (Stata data file)	dha_dataset_08.dta
March Supplement to the Current Population Survey (CPS) 2000 (Stata data file)	dha_dataset_09.dta
March Supplement to the Current Population Survey (CPS) 2001 (Stata data file)	dha_dataset_10.dta
March Supplement to the Current Population Survey (CPS) 2002 (Stata data file)	dha_dataset_11.dta
March Supplement to the Current Population Survey (CPS) 2003 (Stata data file)	dha_dataset_12.dta
March Supplement to the Current Population Survey (CPS) 2004 (Stata data file)	dha_dataset_13.dta
March Supplement to the Current Population Survey (CPS) 2005 (Stata data file)	dha_dataset_14.dta
March Supplement to the Current Population Survey (CPS) 2006 (Stata data file)	dha_dataset_15.dta

March Supplement to the Current Population Survey (CPS) 2007 (Stata data file)	dha_dataset_16.dta
Thorpe analysis coefficients (Excel spreadsheet)	dha_dataset_17.xls
CMAD completed MCR data (1)	dha_dataset_18.xls
CMAD completed MCR data (2)	dha_dataset_19.xls
Bad Debt and Charity Care worksheet (Report appendix I)	dha_worksheet_01.pdf
CMAD worksheet (Report appendix G)	dha_worksheet_02.pdf
Note on CPS data: These files represent a subset of March Supplement to the Current Population Survey(CPS) from 1999-2007 uploaded from NBER(http://www.nber.org/data/current-population-survey-data.html). Only variables used in the analysis were kept from the original data, including the following CPS variables: cov_gh cov_hi ph_seq fh_seq ffpos hhdrel a_spouse a_age a_lineno a_parent a_expprp a_maritl a_sex ffpos prdtrace pehsponn gtmetsta a_maritl a_hga wsal_val a_uslhrs noemp mcare mcaid champ pchip hi_yn oth cov_hi allemp allpriv dis_hp dis_yn dis_cs gestfips ptotval gestcen marsupwt gereg	

Discovery folder index

Description	File Name
Project email correspondence	dha_discovery_01.pdf
Agency notes and internal discussion documents	dha_discovery_02.pdf
Agency / schramm•raleigh Health Strategy contract	dha_discovery_03.pdf
Consultants' notes and internal discussion documents/files	dha_discovery_04.pdf
attachments folder (associated with email correspondence in dha_discovery_01.pdf)	
File Name	Bates Number
Notice of Proceeding_03072008_001.doc	1
Notice of Proceeding_03072008_001.pdf	1
multistate comparison.xls	5
NHE 1991-2004.pdf	8
NHE Proj 2007-2017.pdf	8
THCE Data brief.xls	8
Distributed at Dirigo Health Board of Trustees Meeting (2)_001.doc	12
Distributed at Dirigo Health Board of Trustees Meeting (2)_002.doc	16
Thorpe subcontractor.doc	16
QUASI CMI'S UP TO FISCAL 2006_001.xls	18
QUASI CMI'S UP TO FISCAL 2006_002.xls	20
Final-Tax-@ .74% 3-16-04 A_001.XLS	21
HealthInsuranceCoverageMaine2003.pdf	22
MCR info_001.zip	32
(20) Y3 SRHS_Report.pdf	34
INS-07-900 Decision and Order.pdf	34
SunStone subcontract_2008.doc	35
Maine Hospitals Fiscal Year End Dates_02_14_07.xls	39
QUASI CMI'S UP TO FISCAL 2006_003.xls	43
QUASI CMI'S UP TO FISCAL 2007.xls	46
Final-Tax-@ .74% 3-16-04 A_002.XLS	50
AMCS initiative chart_001.xls	51
MCR info_002.zip	54
UNINS_YR3_070207.xls	57
Title 24-A Chapter 87 subchapter 1 6904 2007 update.pdf	58
Final-Tax-@ .74% 3-16-04 A_003.XLS	62
Tax amounts weekly CD 3.41 SFY 2007ljg.xls	69
Cluster Data.zip	71
AMCS initiative chart_002.xls	72
CMAD Formula_001.xls	80
CMAD Formula_002.xls	81
CMI Data.xls	84
Maine_Dirigo_SOPY4_AHD Annualized Rollup_050508.xls	85
Dirigo Rpt No 4 Template.doc	87
Dirigo Rpt No 8 Template.doc	87
Caseload 2008.xls	97
Caseload 2007.xls	98
Caseload 2006.xls	99
Caseload 2005 rev.xls	100
Book1_001.xls	102

Public Law 2007 Chapter 447.pdf	103
Dirigo_AMCS4_MEP_Caseload 151%-200%.xls	104
maine predicting uninsurance rate(1).xls	105
mainespendingMethods[1].doc	105
Methods Uninsuarance Simulations[1].doc	105
uninsured_hcexp08.xls	105
CMAD Data.xls	107
VUG.xls	108
VUG1.zip	108
VUG2.zip	108
VUG3.zip	108
UndGain04.xls	109
UndGain04-0822.xls	109
loss_ratio_complete.xls	112
Tax amounts 3.41 SFY 2007.xls	120
IP & OP Cost -Charges 2004_001.xls	121
SFY-2007_RunningMePOPS-5G.xls	129
SFY-2008_RunningMePOPS-5G.xls	129
52618_001.xls	133
Book1_002.xls	134
PromptPayFinalDraft.pdf	136
20.Sykes.Regression.pdf	137
Paying_a_Premium_rev_July_13731e.pdf	137
52618_002.xls	138
Dirigo_Year 4_BD CC_questions_051608_001.doc	140
rptAllCompanies-Short_001.snp	143
79413.zip	144
rptAllCompanies-Short_002.snp	145
69868-United of Omaha Life Ins Co.zip	146
Rule945.zip	147
Dirigo_Year_4_BD_CC_questions_051608_002.doc	148
CAHC COVER_001.pdf	149
Thorpe Exhibit A_001.pdf	149
Thorpe Exhibit B_001.pdf	149
Thorpe Exhibit C_001.pdf	149
Thorpe Exhibit D_001.pdf	149
Thorpe Tetsimony_001.pdf	149
Hospital IP-OP Costs_Charges 2000-2003.xls	150
AMCS Year4Report_Draft_051908.doc	153
IP & OP Cost -Charges 2004_002.xls	154
Follow up BDCC questions 052008.doc	157
AHD Statewide Data_to KT_052008.zip	158
52618-AnthemHealthPlansOfMaineInc_rev5.zip	159
66370-MonyLifeInsCo.zip	160
97055-MegaLife&HealthInsCo_revised3.zip	161
Schoen_bendingthecurve_1080.pdf	164
Schoen_bendingthecurve_exhibits.pdf	164
Book1_003.xls	165
blanks.xls	166
MQF Project rationale v2_001.doc	167
Waiver Report 5-31-08.xls	168
Section 2.doc	171
To Thorpe_052308_001.zip	174

Dirigo Tables and Figures5-24-08.doc	176
Maine Dirigo Uninsurance Projections5-24-08.doc	176
CAHC COVER_002.pdf	178
Thorpe Exhibit A_002.pdf	178
Thorpe Exhibit B_002.pdf	178
Thorpe Exhibit C_002.pdf	178
Thorpe Exhibit D_002.pdf	178
Thorpe Tetsimony_002.pdf	178
MQF Project rationale v2_002.doc	179
Small Group Loss Ratio - Aetna Life.pdf	181
ORDER ON INTERVENTION AND PROCEDURE MAY 20 2008.doc	190
MQF Project rationale v2_003.doc	192
Distributed at Dirigo Health Board of Trustees Meeting (2)_003.doc	195
To Thorpe_052308_002.zip	202
ME_Dirigo_AMCSYr4_CMAD Analysis_052708.xls	204
590c300.doc	210
TABLESmaine dirigo uninsurance projectiopns excel.xls	212
Thorpe CV 2007.doc	216
HMBI Info.xls	218
Maine Dirigo Uninsurance Projections Mod.xls	219
AMCS Year4Report_Draft_052908_SPS.doc	220
MCR Data_Raw.zip	221
APPENDIX A_Thorpe.doc	228
MQF Project rationale v4.doc	229
Curriculum Vitae_SPS_0508.doc	231
Curriculum Vitae_SPS_0508.pdf	232
TABLESmaine dirigo uninsurance projectiopns excel_002.xls	234
CMAD_National Data_to Katya_053108.zip	236
Maine Dirigo uninsurance projections_053108.xls	237
AMCS Year4Report_Draft_053108.doc	243
AppH3_nasbo_fy2006_Medicaid.pdf	247
AppH1_CMS_OFCACTUARY_MEDICAID_9104_res-mcaid_ME_ALL.pdf	247
AppH2_MAINE_2004_BMS_AnnualReport_TABLESA1-A3.pdf	247
AppH4_nasbo_States_June202007_Medicaid.pdf	247
AppX_mha_Financialinformation_COM_May2007.pdf	248
AppE_mha_Financialinformation_COM_May2007.doc	249
dirigo_predicting_uninsured_00_07.log	250
Dirigo KG corrected.doc	250
KG tables used.xls	250