SECURITIES AND EXCHANGE COMMISSION

[Release Nos. 33-9122; 34-62005 / April 29, 2010]

Order Making Fiscal Year 2011 Annual Adjustments to the Fee Rates Applicable under Section 6(b) of the Securities Act of 1933 and Sections 13(e), 14(g), 31(b), and 31(c) of the Securities Exchange Act of 1934

I.   Background

The Commission collects fees under various provisions of the securities laws.

Section 6(b) of the Securities Act of 1933 ("Securities Act") requires the Commission to

collect fees from issuers on the registration of securities.[1] Section 13(e) of the Securities

Exchange Act of 1934 ("Exchange Act") requires the Commission to collect fees on

specified repurchases of securities.[2] Section 14(g) of the Exchange Act requires the

Commission to collect fees on proxy solicitations and statements in corporate control

transactions.[3] Finally, Sections 31(b) and (c) of the Exchange Act require national

securities exchanges and national securities associations, respectively, to pay fees to the

Commission on transactions in specified securities.[4]

The Investor and Capital Markets Fee Relief Act ("Fee Relief Act")[5] amended

Section 6(b) of the Securities Act and Sections 13(e), 14(g), and 31 of the Exchange Act

to require the Commission to make annual adjustments to the fee rates applicable under

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[1]   15 U.S.C. 77f(b).

[2]   15 U.S.C. 78m(e).

[3]   15 U.S.C. 78n(g).

[4]   15 U.S.C. 78ee(b) and (c). In addition, Section 31(d) of the Exchange Act requires the Commission to collect assessments from national securities exchanges and national securities associations for round turn transactions on security futures. 15 U.S.C. 78ee(d).

[5]   Pub. L. No. 107-123, 115 Stat. 2390 (2002).

these sections for each of the fiscal years 2003 through 2011, and one final adjustment to fix the fee rates under these sections for fiscal year 2012 and beyond.[6]

II.   Fiscal Year 2011 Annual Adjustment to the Fee Rates Applicable under Section 6(b) of the Securities Act and Sections 13(e) and 14(g) of the Exchange Act

Section 6(b)(5) of the Securities Act requires the Commission to make an annual adjustment to the fee rate applicable under Section 6(b) of the Securities Act in each of the fiscal years 2003 through 2011.[7] In those same fiscal years, Sections 13(e)(5) and 14(g)(5) of the Exchange Act require the Commission to adjust the fee rates under Sections 13(e) and 14(g) to a rate that is equal to the rate that is applicable under Section 6(b). In other words, the annual adjustment to the fee rate under Section 6(b) of the Securities Act also sets the annual adjustment to the fee rates under Sections 13(e) and 14(g) of the Exchange Act.

Section 6(b)(5) sets forth the method for determining the annual adjustment to the fee rate under Section 6(b) for fiscal year 2011. Specifically, the Commission must adjust the fee rate under Section 6(b) to a "rate that, when applied to the baseline estimate of the aggregate maximum offering prices for [fiscal year 2011], is reasonably likely to produce aggregate fee collections under [Section 6(b)] that are equal to the target offsetting collection amount for [fiscal year 2011]." That is, the adjusted rate is

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[6]   See 15 U.S.C. 77f(b)(5), 77f(b)(6), 78m(e)(5), 78m(e)(6), 78n(g)(5), 78n(g)(6), 78ee(j)(1), and 78ee(j)(3). Section 31(j)(2) of the Exchange Act, 15 U.S.C. 78ee(j)(2), also requires the Commission, in specified circumstances, to make a mid-year adjustment to the fee rates under Sections 31(b) and (c) of the Exchange Act in fiscal years 2002 through 2011.

[7]   The annual adjustments are designed to adjust the fee rate in a given fiscal year so that, when applied to the aggregate maximum offering price at which securities are proposed to be offered for the fiscal year, it is reasonably likely to produce total fee collections under Section 6(b) equal to the "target offsetting collection amount" specified in Section 6(b)(11)(A) for that fiscal year.

determined by dividing the "target offsetting collection amount" for fiscal year 2011 by the "baseline estimate of the aggregate maximum offering prices" for fiscal year 2011.

Section 6(b)(11)(A) specifies that the "target offsetting collection amount" for fiscal year 2011 is $394,000,000. Section 6(b)(11)(B) defines the "baseline estimate of the aggregate maximum offering price" for fiscal year 2011 as "the baseline estimate of the aggregate maximum offering price at which securities are proposed to be offered pursuant to registration statements filed with the Commission during [fiscal year 2011] as determined by the Commission, after consultation with the Congressional Budget Office and the Office of Management and Budget . . . ."

To make the baseline estimate of the aggregate maximum offering price for fiscal year 2011, the Commission is using the same methodology it developed in consultation with the Congressional Budget Office ("CBO") and Office of Management and Budget ("OMB") to project aggregate offering price for purposes of the fiscal year 2010 annual adjustment. Using this methodology, the Commission determines the "baseline estimate of the aggregate maximum offering price" for fiscal year 2011 to be $3,394,310,932,374.[8] Based on this estimate, the Commission calculates the fee rate for fiscal 2011 to be $116.10 per million. This adjusted fee rate applies to Section 6(b) of the Securities Act, as well as to Sections 13(e) and 14(g) of the Exchange Act.

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[8]   Appendix A explains how we determined the "baseline estimate of the aggregate maximum offering price" for fiscal year 2011 using our methodology, and then shows the purely arithmetical process of calculating the fiscal year 2011 annual adjustment based on that estimate. The appendix includes the data used by the Commission in making its "baseline estimate of the aggregate maximum offering price" for fiscal year 2011.

III. Fiscal Year 2011 Annual Adjustment to the Fee Rates Applicable under Sections 31(b) and (c) of the Exchange Act

Section 31(b) of the Exchange Act requires each national securities exchange to pay the Commission a fee at a rate, as adjusted by our order pursuant to Section 31(j)(2),[9] which currently is $16.90 per million of the aggregate dollar amount of sales of specified securities transacted on the exchange. Similarly, Section 31(c) requires each national securities association to pay the Commission a fee at the same adjusted rate on the aggregate dollar amount of sales of specified securities transacted by or through any member of the association otherwise than on an exchange. Section 31(j)(1) requires the Commission to make annual adjustments to the fee rates applicable under Sections 31(b) and (c) for each of the fiscal years 2003 through 2011.[10]

Section 31(j)(1) specifies the method for determining the annual adjustment for fiscal year 2011. Specifically, the Commission must adjust the rates under Sections 31(b) and (c) to a "uniform adjusted rate that, when applied to the baseline estimate of the aggregate dollar amount of sales for [fiscal year 2011], is reasonably likely to produce aggregate fee collections under [Section 31] (including assessments collected under [Section 31(d)]) that are equal to the target offsetting collection amount for [fiscal year 2011]."

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[9]   Order Making Fiscal 2010 Mid-Year Adjustment to the Fee Rates Applicable Under Sections 31(b) and (c) of the Securities Exchange Act of 1934, Rel. No. 34-61605 (March 1, 2010), 75 FR 9964 (March 4, 2010).

[10]   The annual adjustments, as well as the mid-year adjustments required in specified circumstances under Section 31(j)(2) in fiscal years 2002 through 2011, are designed to adjust the fee rates in a given fiscal year so that, when applied to the aggregate dollar volume of sales for the fiscal year, they are reasonably likely to produce total fee collections under Section 31 equal to the "target offsetting collection amount" specified in Section 31(l)(1) for that fiscal year.

Section 31(l)(1) specifies that the "target offsetting collection amount" for fiscal year 2011 is $1,321,000,000. Section 31(l)(2) defines the "baseline estimate of the aggregate dollar amount of sales" as "the baseline estimate of the aggregate dollar amount of sales of securities . . . to be transacted on each national securities exchange and by or through any member of each national securities association (otherwise than on a national securities exchange) during [fiscal year 2011] as determined by the Commission, after consultation with the Congressional Budget Office and the Office of Management and Budget . . . ."

To make the baseline estimate of the aggregate dollar amount of sales for fiscal year 2011, the Commission is using the same methodology it developed in consultation with the CBO and OMB to project dollar volume for purposes of prior fee adjustments.[11] Using this methodology, the Commission calculates the baseline estimate of the aggregate dollar amount of sales for fiscal year 2011 to be $69,588,660,831,911. Based on this estimate, and an estimated collection of $17,950 in assessments on security futures transactions under Section 31(d) in fiscal year 2011, the uniform adjusted rate for fiscal year 2011 is $19.20 per million.[12]

IV.   Effective Dates of the Annual Adjustments

Section 6(b)(8)(A) of the Securities Act provides that the fiscal year 2011 annual adjustment to the fee rate applicable under Section 6(b) of the Securities Act shall take

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[11]   Appendix B explains how we determined the "baseline estimate of the aggregate dollar amount of sales" for fiscal year 2011 using our methodology, and then shows the purely arithmetical process of calculating the fiscal year 2011 annual adjustment based on that estimate. The appendix also includes the data used by the Commission in making its "baseline estimate of the aggregate dollar amount of sales" for fiscal year 2011.

[12]   The calculation of the adjusted fee rate assumes that the current fee rate of $16.90 per million will apply through October 31, 2011, due to the operation of the effective date provision contained in Section 31(j)(4)(A) of the Exchange Act.

effect on the later of October 1, 2010, or five days after the date on which a regular appropriation to the Commission for fiscal year 2011 is enacted.[13] Sections 13(e)(8)(A) and 14(g)(8)(A) of the Exchange Act provide for the same effective date for the annual adjustments to the fee rates applicable under Sections 13(e) and 14(g) of the Exchange Act.[14]

Section 31(j)(4)(A) of the Exchange Act provides that the fiscal year 2011 annual adjustments to the fee rates applicable under Sections 31(b) and (c) of the Exchange Act shall take effect on the later of October 1, 2010, or 30 days after the date on which a regular appropriation to the Commission for fiscal year 2011 is enacted.

V. Conclusion

Accordingly, pursuant to Section 6(b) of the Securities Act and Sections 13(e), 14(g), and 31 of the Exchange Act,[15]

IT IS HEREBY ORDERED that the fee rates applicable under Section 6(b) of the Securities Act and Sections 13(e) and 14(g) of the Exchange Act shall be $116.10 per million effective on the later of October 1, 2010, or five days after the date on which a regular appropriation to the Commission for fiscal year 2011 is enacted; and

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[13]   15 U.S.C. 77f(b)(8)(A).

[14]   15 U.S.C. 78m(e)(8)(A) and 78n(g)(8)(A).

[15]   15 U.S.C. 77f(b), 78m(e), 78n(g), and 78ee(j).

IT IS FURTHER ORDERED that the fee rates applicable under Sections 31(b) and (c) of the Exchange Act shall be $19.20 per million effective on the later of October 1, 2010, or 30 days after the date on which a regular appropriation to the Commission for fiscal year 2011 is enacted.

By the Commission.

Elizabeth M. Murphy
Secretary

With the passage of the Investor and Capital Markets Relief Act, Congress has, among other things, established a target amount of monies to be collected from fees charged to issuers based on the value of their registrations. This appendix provides the formula for determining such fees, which the Commission adjusts annually. Congress has mandated that the Commission determine these fees based on the "aggregate maximum offering prices," which measures the aggregate dollar amount of securities registered with the Commission over the course of the year. In order to maximize the likelihood that the amount of monies targeted by Congress will be collected, the fee rate must be set to reflect projected aggregate maximum offering prices. As a percentage, the fee rate equals the ratio of the target amounts of monies to the projected aggregate maximum offering prices.

For 2011, the Commission has estimated the aggregate maximum offering prices by projecting forward the trend established in the previous decade. More specifically, an ARIMA model was used to forecast the value of the aggregate maximum offering prices for months subsequent to March 2010, the last month for which the Commission has data on the aggregate maximum offering prices.

The following sections describe this process in detail.

A. Baseline estimate of the aggregate maximum offering prices for fiscal year 2011.

First, calculate the aggregate maximum offering prices (AMOP) for each month in the sample (March 2000 - March 2010). Next, calculate the percentage change in the AMOP from month to month.

Model the monthly percentage change in AMOP as a first order moving average process. The moving average approach allows one to model the effect that an exceptionally high (or low) observation of AMOP tends to be followed by a more "typical" value of AMOP.

Use the estimated moving average model to forecast the monthly percent change in AMOP. These percent changes can then be applied to obtain forecasts of the total dollar value of registrations. The following is a more formal (mathematical) description of the procedure:

1. Begin with the monthly data for AMOP. The sample spans ten years, from March 2000 to March 2010.

2. Divide each month's AMOP (column C) by the number of trading days in that month (column B) to obtain the average daily AMOP (AAMOP, column D).

3. For each month t, the natural logarithm of AAMOP is reported in column E.

4. Calculate the change in log(AAMOP) from the previous month as
    $\Delta_t = \log(AAMOP_t) - \log(AAMOP_{t-1})$. This approximates the percentage change.

5. Estimate the first order moving average model $\Delta_t = \alpha + \beta e_{t-1} + e_t$, where e_t denotes the forecast error for month t. The forecast error is simply the difference between the one-month ahead forecast and the actual realization of Δ_t. The forecast error is expressed as $e_t = \Delta_t - \alpha - \beta e_{t-1}$. The model can be estimated using standard commercially available software such as SAS or Eviews. Using least squares, the estimated parameter values are $\alpha = -0.0034456$ and $\beta = -0.78509$.

6. For the month of April 2010 forecast $\Delta_{t=4/10} = \alpha + \beta e_{t=3/10}$. For all subsequent

   months, forecast $\Delta_t = \alpha$.

7. Calculate forecasts of log(AAMOP). For example, the forecast of log(AAMOP) for

   June 2010 is given by $FLAAMOP_{t=6/10} = \log(AAMOP_{t=3/10}) + \Delta_{t=4/10} + \Delta_{t=5/10} +$

   $\Delta_{t=6/10}$.

8. Under the assumption that e_t is normally distributed, the n-step ahead forecast of

   AAMOP is given by $\exp(FLAAMOP_t + \sigma_n^2/2)$, where σ_n denotes the standard error

   of the n-step ahead forecast.

9. For June 2010, this gives a forecast AAMOP of $13.4 Billion (Column I), and a

   forecast AMOP of $295.9 Billion (Column J).

10. Iterate this process through September 2011 to obtain a baseline estimate of the

    aggregate maximum offering prices for fiscal year 2011 of $3,394,310,932,374.

B. Using the forecasts from A to calculate the new fee rate.

1. Using the data from Table A, estimate the aggregate maximum offering prices

   between 10/1/10 and 9/30/11 to be $3,394,310,932,374.

2. The rate necessary to collect the target $394,000,000 in fee revenues set by Congress

   is then calculated as: $394,000,000 ÷ $3,394,310,932,374 = 0.00011608.

3. Round the result to the seventh decimal point, yielding a rate of 0.0001161 (or

   $116.10 per million).

Table A. Estimation of baseline of aggregate maximum offering prices.

Fee rate calculation.

a. Baseline estimate of the aggregate maximum offering prices, 10/1/10 to 9/30/11 ($Millions)	3,394,311
b. Implied fee rate ($394 Million / a)	$116.10

Data

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Month	# of Trading Days in Month	Aggregate Maximum Offering Prices, in $Millions	Average Daily Aggregate Max. Offering Prices (AAMOP) in $Millions	log(AAMOP)	Change in AAMOP	Forecast log(AAMOP)	Standard Error	Forecast AAMOP, in $Millions	Forecast Aggregate Maximum Offering Prices, in $Millions
Mar-00	23	550,107	23,918	23.898					
Apr-00	19	244,510	12,869	23.278	-0.620				
May-00	22	269,774	12,262	23.230	-0.048				
Jun-00	22	406,409	18,473	23.640	0.410				
Jul-00	20	230,894	11,545	23.169	-0.470				
Aug-00	23	257,797	11,209	23.140	-0.030				
Sep-00	20	332,120	16,606	23.533	0.393				
Oct-00	22	362,493	16,477	23.525	-0.008				
Nov-00	21	317,653	15,126	23.440	-0.086				
Dec-00	20	246,006	12,300	23.233	-0.207				
Jan-01	21	462,726	22,035	23.816	0.583				
Feb-01	19	388,304	20,437	23.741	-0.075				
Mar-01	22	523,443	23,793	23.893	0.152				
Apr-01	20	289,212	14,461	23.395	-0.498				
May-01	22	274,298	12,468	23.246	-0.148				
Jun-01	21	348,268	16,584	23.532	0.285				
Jul-01	21	264,590	12,600	23.257	-0.275				
Aug-01	23	245,591	10,678	23.091	-0.165				
Sep-01	15	178,524	11,902	23.200	0.108				
Oct-01	23	260,719	11,336	23.151	-0.049				
Nov-01	21	286,199	13,629	23.335	0.184				
Dec-01	20	395,230	19,762	23.707	0.372				
Jan-02	21	401,290	19,109	23.673	-0.034				
Feb-02	19	476,837	25,097	23.946	0.273				
Mar-02	20	380,160	19,008	23.668	-0.278				
Apr-02	22	282,947	12,861	23.277	-0.391				
May-02	22	215,645	9,802	23.006	-0.272				

Jun-02	20	277,757	13,888	23.354	0.348				
Jul-02	22	208,638	9,484	22.973	-0.381				
Aug-02	22	265,750	12,080	23.215	0.242				
Sep-02	20	109,565	5,478	22.424	-0.791				
Oct-02	23	179,374	7,799	22.777	0.353				
Nov-02	20	243,590	12,179	23.223	0.446				
Dec-02	21	212,838	10,135	23.039	-0.184				
Jan-03	21	201,839	9,611	22.986	-0.053				
Feb-03	19	144,642	7,613	22.753	-0.233				
Mar-03	21	444,331	21,159	23.775	1.022				
Apr-03	21	142,373	6,780	22.637	-1.138				
May-03	21	328,792	15,657	23.474	0.837				
Jun-03	21	281,580	13,409	23.319	-0.155				
Jul-03	22	304,383	13,836	23.351	0.031				
Aug-03	21	328,351	15,636	23.473	0.122				
Sep-03	21	459,563	21,884	23.809	0.336				
Oct-03	23	285,039	12,393	23.240	-0.569				
Nov-03	19	257,779	13,567	23.331	0.091				
Dec-03	22	244,998	11,136	23.133	-0.197				
Jan-04	20	369,784	18,489	23.640	0.507				
Feb-04	19	221,517	11,659	23.179	-0.461				
Mar-04	23	448,543	19,502	23.694	0.514				
Apr-04	21	260,029	12,382	23.240	-0.454				
May-04	20	227,239	11,362	23.154	-0.086				
Jun-04	21	370,668	17,651	23.594	0.441				
Jul-04	21	305,519	14,549	23.401	-0.193				
Aug-04	22	179,688	8,168	22.823	-0.577				
Sep-04	21	357,007	17,000	23.556	0.733				
Oct-04	21	254,489	12,119	23.218	-0.338				
Nov-04	21	363,406	17,305	23.574	0.356				
Dec-04	22	570,918	25,951	23.979	0.405				
Jan-05	20	375,484	18,774	23.656	-0.324				
Feb-05	19	338,922	17,838	23.605	-0.051				
Mar-05	22	590,862	26,857	24.014	0.409				

Apr-05	21	282,018	13,429	23.321	-0.693				
May-05	21	323,652	15,412	23.458	0.138				
Jun-05	22	517,022	23,501	23.880	0.422				
Jul-05	20	457,487	22,874	23.853	-0.027				
Aug-05	23	605,534	26,328	23.994	0.141				
Sep-05	21	312,281	14,871	23.423	-0.571				
Oct-05	21	258,956	12,331	23.235	-0.187				
Nov-05	21	192,736	9,178	22.940	-0.295				
Dec-05	21	308,134	14,673	23.409	0.469				
Jan-06	20	526,550	26,328	23.994	0.585				
Feb-06	19	301,446	15,866	23.487	-0.506				
Mar-06	23	1,211,344	52,667	24.687	1.200				
Apr-06	19	407,345	21,439	23.788	-0.899				
May-06	22	260,121	11,824	23.193	-0.595				
Jun-06	22	375,296	17,059	23.560	0.367				
Jul-06	20	232,654	11,633	23.177	-0.383				
Aug-06	23	310,050	13,480	23.325	0.147				
Sep-06	20	236,782	11,839	23.195	-0.130				
Oct-06	22	213,342	9,697	22.995	-0.200				
Nov-06	21	292,456	13,926	23.357	0.362				
Dec-06	20	349,512	17,476	23.584	0.227				
Jan-07	20	372,740	18,637	23.648	0.064				
Feb-07	19	278,753	14,671	23.409	-0.239				
Mar-07	22	862,786	39,218	24.392	0.983				
Apr-07	20	562,103	28,105	24.059	-0.333				
May-07	22	470,843	21,402	23.787	-0.272				
Jun-07	21	586,822	27,944	24.053	0.267				
Jul-07	21	326,612	15,553	23.468	-0.586				
Aug-07	23	369,172	16,051	23.499	0.032				
Sep-07	19	241,059	12,687	23.264	-0.235				
Oct-07	23	239,652	10,420	23.067	-0.197				
Nov-07	21	458,654	21,841	23.807	0.740				
Dec-07	20	410,200	20,510	23.744	-0.063				
Jan-08	21	354,433	16,878	23.549	-0.195				

Feb-08	20	263,410	13,171	23.301	-0.248				
Mar-08	20	596,923	29,846	24.119	0.818				
Apr-08	22	292,534	13,297	23.311	-0.809				
May-08	21	456,077	21,718	23.801	0.491				
Jun-08	21	461,087	21,957	23.812	0.011				
Jul-08	22	232,896	10,586	23.083	-0.730				
Aug-08	21	395,440	18,830	23.659	0.576				
Sep-08	21	177,636	8,459	22.858	-0.800				
Oct-08	23	360,494	15,674	23.475	0.617				
Nov-08	19	288,911	15,206	23.445	-0.030				
Dec-08	22	319,584	14,527	23.399	-0.046				
Jan-09	20	375,065	18,753	23.655	0.255				
Feb-09	19	249,666	13,140	23.299	-0.356				
Mar-09	22	739,931	33,633	24.239	0.940				
Apr-09	21	235,914	11,234	23.142	-1.097				
May-09	20	329,522	16,476	23.525	0.383				
Jun-09	22	357,524	16,251	23.511	-0.014				
Jul-09	22	185,187	8,418	22.854	-0.658				
Aug-09	21	192,726	9,177	22.940	0.086				
Sep-09	21	189,224	9,011	22.922	-0.018				
Oct-09	22	215,720	9,805	23.006	0.085				
Nov-09	20	248,353	12,418	23.242	0.236				
Dec-09	22	340,464	15,476	23.463	0.220				
Jan-10	19	173,235	9,118	22.933	-0.529				
Feb-10	19	209,963	11,051	23.126	0.192				
Mar-10	23	432,934	18,823	23.658	0.533				
Apr-10	21					23.253	0.372	13,454	282,542
May-10	20					23.250	0.381	13,451	269,021
Jun-10	22					23.246	0.389	13,448	295,851
Jul-10	21					23.243	0.397	13,444	282,334
Aug-10	22					23.240	0.405	13,441	295,705
Sep-10	21					23.236	0.413	13,438	282,195
Oct-10	21					23.233	0.421	13,435	282,125
Nov-10	21					23.229	0.428	13,431	282,056

Dec-10	22					23.226	0.436	13,428	295,414
Jan-11	20					23.222	0.443	13,425	268,492
Feb-11	19					23.219	0.450	13,421	255,005
Mar-11	23					23.215	0.457	13,418	308,614
Apr-11	20					23.212	0.464	13,415	268,294
May-11	21					23.209	0.471	13,411	281,639
Jun-11	22					23.205	0.478	13,408	294,978
Jul-11	20					23.202	0.484	13,405	268,096
Aug-11	23					23.198	0.491	13,402	308,235
Sep-11	21					23.195	0.497	13,398	281,362

Figure A
Aggregate Maximum Offering Prices Subject to Securities Act Section 6(b)
(Dashed Line Indicates Forecast Values)
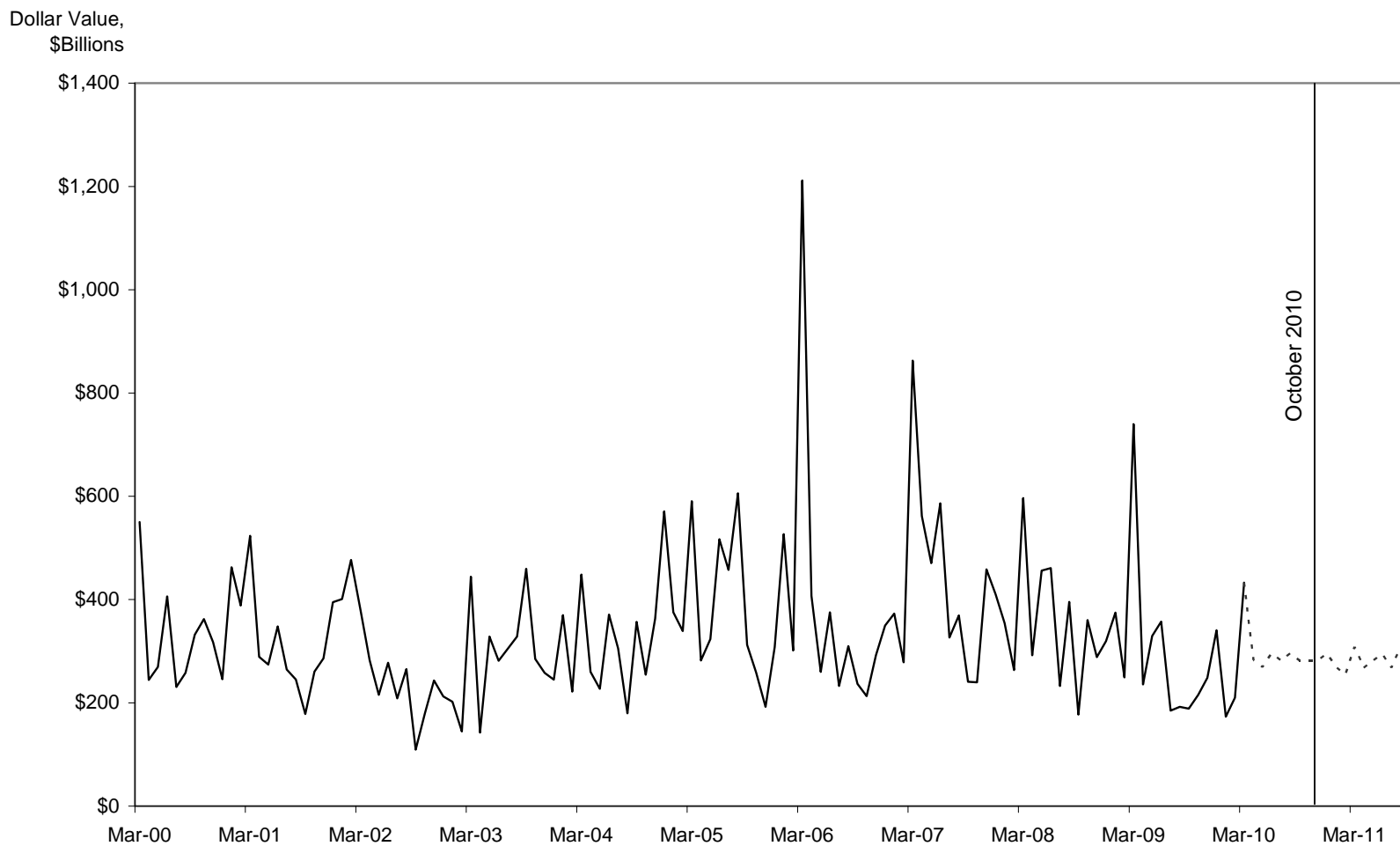
With the passage of the Investor and Capital Markets Relief Act, Congress has, among other things, established a target amount of monies to be collected from fees charged to investors based on the value of their transactions. This appendix provides the formula for determining such fees, which the Commission adjusts annually, and may adjust semi-annually.[16] In order to maximize the likelihood that the amount of monies targeted by Congress will be collected, the fee rate must be set to reflect projected dollar transaction volume on the securities exchanges and certain over-the-counter markets over the course of the year. As a percentage, the fee rate equals the ratio of the target amounts of monies to the projected dollar transaction volume.

For 2011, the Commission has estimated dollar transaction volume by projecting forward the trend established in the previous decade. More specifically, dollar transaction volume was forecasted for months subsequent to March 2010, the last month for which the Commission has data on transaction volume.

The following sections describe this process in detail.

A. Baseline estimate of the aggregate dollar amount of sales for fiscal year 2011.

First, calculate the average daily dollar amount of sales (ADS) for each month in the sample (March 2000 - March 2010). The monthly aggregate dollar amount of sales (exchange plus certain over-the-counter markets) is presented in column C of Table B.

Next, calculate the change in the natural logarithm of ADS from month to month. The average monthly percentage growth of ADS over the entire sample is 0.0025 and the standard deviation is 0.124. Assuming the monthly percentage change in ADS follows a random walk,

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[16]   Congress requires that the Commission make a mid-year adjustment to the fee rate if four months into the fiscal year it determines that its forecasts of aggregate dollar volume are reasonably likely to be off by 10% or more.

calculating the expected monthly percentage growth rate for the full sample is straightforward. The expected monthly percentage growth rate of ADS is 1.0 %.

Now, use the expected monthly percentage growth rate to forecast total dollar volume. For example, one can use the ADS for March 2010 ($241,886,611,540) to forecast ADS for April 2010 ($244,367,079,739 = $241,886,611,540 x 1.010).[17] Multiply by the number of trading days in April 2010 (21) to obtain a forecast of the total dollar volume for the month ($5,131,708,674,527). Repeat the method to generate forecasts for subsequent months.

The forecasts for total dollar volume are in column G of Table B. The following is a more formal (mathematical) description of the procedure:

1. Divide each month's total dollar volume (column C) by the number of trading days in that month (column B) to obtain the average daily dollar volume (ADS, column D).

2. For each month t, calculate the change in ADS from the previous month as
   $\Delta_t = \log (ADS_t / ADS_{t-1})$, where log (x) denotes the natural logarithm of x.

3. Calculate the mean and standard deviation of the series $\{\Delta_1, \Delta_2, \dots , \Delta_{120}\}$. These are given by $\mu = 0.0025$ and $\sigma = 0.124$, respectively.

4. Assume that the natural logarithm of ADS follows a random walk, so that Δ_s and Δ_t are statistically independent for any two months s and t.

5. Under the assumption that Δ_t is normally distributed, the expected value of ADS_t / ADS_{t-1} is given by $\exp (\mu + \sigma^2/2)$, or on average $ADS_t = 1.010 \times ADS_{t-1}$.

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[17] The value 1.010 has been rounded. All computations are done with the unrounded value.

6. For April 2010, this gives a forecast ADS of 1.010 × $241,886,611,540 = $244,367,079,739. Multiply this figure by the 21 trading days in April 2010 to obtain a total dollar volume forecast of $5,131,708,674,527.

7. For May 2010, multiply the April 2010 ADS forecast by 1.010 to obtain a forecast ADS of $246,872,984,330. Multiply this figure by the 20 trading days in May 2010 to obtain a total dollar volume forecast of $4,937,459,686,603.

8. Repeat this procedure for subsequent months.

B. Using the forecasts from A to calculate the new fee rate.

1. Use Table B to estimate fees collected for the period 10/1/10 through 10/31/10. The projected aggregate dollar amount of sales for this period is $5,455,658,813,145. Projected fee collections at the current fee rate of 0.0000161 are $92,200,634.

2. Estimate the amount of assessments on securities futures products collected during 10/1/10 and 9/30/11 to be $17,950 by projecting a 1.0% monthly increase from a base of $1,316 in March 2010.

3. Subtract the amounts $92,200,634 and $17,950 from the target offsetting collection amount set by Congress of $1,321,000,000 leaving $1,228,781,416 to be collected on dollar volume for the period 11/1/10 through 9/30/11.

4. Use Table B to estimate dollar volume for the period 11/1/10 through 9/30/11. The estimate is $64,133,002,018,766. Finally, compute the fee rate required to produce the additional $1,228,781,416 in revenue. This rate is $1,228,781,416 divided by $64,133,002,018,766 or 0.0000191599.

5. Round the result to the seventh decimal point, yielding a rate of .0000192 (or $19.20 per million).

Table B. Estimation of baseline of the aggregate dollar amount of sales.

Fee rate calculation.

|	
a. Baseline estimate of the aggregate dollar amount of sales, 10/1/10 to 10/31/10 ($Millions)	5,455,659
b. Baseline estimate of the aggregate dollar amount of sales, 11/1/10 to 9/30/11 ($Millions)	64,133,002
c. Estimated collections in assessments on securities futures products in FY 2011 ($Millions)	0.018
d. Implied fee rate (($1,321,000,000 - 0.0000169*a - c) /b)	$19.20

Data

(A) Month	(B) # of Trading Days in Month	(C) Aggregate Dollar Amount of Sales	(D) Average Daily Dollar Amount of Sales (ADS)	(E) Change in LN of ADS	(F) Forecast ADS	(G) Forecast Aggregate Dollar Amount of Sales
Mar-00	23	4,135,152,366,234	179,789,233,315	-		
Apr-00	19	3,174,694,525,687	167,089,185,562	-0.073		
May-00	22	2,649,273,207,318	120,421,509,424	-0.328		
Jun-00	22	2,883,513,997,781	131,068,818,081	0.085		
Jul-00	20	2,804,753,395,361	140,237,669,768	0.068		
Aug-00	23	2,720,788,395,832	118,295,147,645	-0.170		
Sep-00	20	2,930,188,809,012	146,509,440,451	0.214		
Oct-00	22	3,485,926,307,727	158,451,195,806	0.078		
Nov-00	21	2,795,778,876,887	133,132,327,471	-0.174		
Dec-00	20	2,809,917,349,851	140,495,867,493	0.054		
Jan-01	21	3,143,501,125,244	149,690,529,774	0.063		
Feb-01	19	2,372,420,523,286	124,864,238,068	-0.181		
Mar-01	22	2,554,419,085,113	116,109,958,414	-0.073		
Apr-01	20	2,324,349,507,745	116,217,475,387	0.001		
May-01	22	2,353,179,388,303	106,962,699,468	-0.083		
Jun-01	21	2,111,922,113,236	100,567,719,678	-0.062		
Jul-01	21	2,004,384,034,554	95,446,858,788	-0.052		
Aug-01	23	1,803,565,337,795	78,415,884,252	-0.197		
Sep-01	15	1,573,484,946,383	104,898,996,426	0.291		
Oct-01	23	2,147,238,873,044	93,358,211,871	-0.117		
Nov-01	21	1,939,427,217,518	92,353,677,025	-0.011		
Dec-01	20	1,921,098,738,113	96,054,936,906	0.039		
Jan-02	21	2,149,243,312,432	102,344,919,640	0.063		
Feb-02	19	1,928,830,595,585	101,517,399,768	-0.008		
Mar-02	20	2,002,216,374,514	100,110,818,726	-0.014		
Apr-02	22	2,062,101,866,506	93,731,903,023	-0.066		
May-02	22	1,985,859,756,557	90,266,352,571	-0.038		
Jun-02	20	1,882,185,380,609	94,109,269,030	0.042		
Jul-02	22	2,349,564,490,189	106,798,385,918	0.126		
Aug-02	22	1,793,429,904,079	81,519,541,095	-0.270		
Sep-02	20	1,518,944,367,204	75,947,218,360	-0.071		
Oct-02	23	2,127,874,947,972	92,516,302,086	0.197		
Nov-02	20	1,780,816,458,122	89,040,822,906	-0.038		
Dec-02	21	1,561,092,215,646	74,337,724,555	-0.180		
Jan-03	21	1,723,698,830,414	82,080,896,686	0.099		
Feb-03	19	1,411,722,405,357	74,301,179,229	-0.100		
Mar-03	21	1,699,581,267,718	80,932,441,320	0.085		
Apr-03	21	1,759,751,025,279	83,797,667,870	0.035		
May-03	21	1,871,390,985,678	89,113,856,461	0.062		
Jun-03	21	2,122,225,077,345	101,058,337,016	0.126		
Jul-03	22	2,100,812,973,956	95,491,498,816	-0.057		
Aug-03	21	1,766,527,686,224	84,120,366,011	-0.127		
Sep-03	21	2,063,584,421,939	98,265,924,854	0.155		
Oct-03	23	2,331,850,083,022	101,384,786,218	0.031		
Nov-03	19	1,903,726,129,859	100,196,112,098	-0.012		
Dec-03	22	2,066,530,151,383	93,933,188,699	-0.065		
Jan-04	20	2,390,942,905,678	119,547,145,284	0.241		
Feb-04	19	2,177,765,594,701	114,619,241,826	-0.042		
Mar-04	23	2,613,808,754,550	113,643,858,893	-0.009		
Apr-04	21	2,418,663,760,191	115,174,464,771	0.013		
May-04	20	2,259,243,404,459	112,962,170,223	-0.019		

Jun-04	21	2,112,826,072,876	100,610,765,375	-0.116		
Jul-04	21	2,209,808,376,565	105,228,970,313	0.045		
Aug-04	22	2,033,343,354,640	92,424,697,938	-0.130		
Sep-04	21	1,993,803,487,749	94,943,023,226	0.027		
Oct-04	21	2,414,599,088,108	114,980,908,958	0.191		
Nov-04	21	2,577,513,374,160	122,738,732,103	0.065		
Dec-04	22	2,673,532,981,863	121,524,226,448	-0.010		
Jan-05	20	2,581,847,200,448	129,092,360,022	0.060		
Feb-05	19	2,532,202,408,589	133,273,810,978	0.032		
Mar-05	22	3,030,474,897,226	137,748,858,965	0.033		
Apr-05	21	2,906,386,944,434	138,399,378,306	0.005		
May-05	21	2,697,414,503,460	128,448,309,689	-0.075		
Jun-05	22	2,825,962,273,624	128,452,830,619	0.000		
Jul-05	20	2,604,021,263,875	130,201,063,194	0.014		
Aug-05	23	2,846,115,585,965	123,744,155,912	-0.051		
Sep-05	21	3,009,640,645,370	143,316,221,208	0.147		
Oct-05	21	3,279,847,331,057	156,183,206,241	0.086		
Nov-05	21	3,163,453,821,548	150,640,658,169	-0.036		
Dec-05	21	3,090,212,715,561	147,152,986,455	-0.023		
Jan-06	20	3,573,372,724,766	178,668,636,238	0.194		
Feb-06	19	3,314,259,849,456	174,434,728,919	-0.024		
Mar-06	23	3,807,974,821,564	165,564,122,677	-0.052		
Apr-06	19	3,257,478,138,851	171,446,217,834	0.035		
May-06	22	4,206,447,844,451	191,202,174,748	0.109		
Jun-06	22	3,995,113,357,316	181,596,061,696	-0.052		
Jul-06	20	3,339,658,009,357	166,982,900,468	-0.084		
Aug-06	23	3,410,187,280,845	148,269,012,211	-0.119		
Sep-06	20	3,407,409,863,673	170,370,493,184	0.139		
Oct-06	22	3,980,070,216,912	180,912,282,587	0.060		
Nov-06	21	3,933,474,986,969	187,308,332,713	0.035		
Dec-06	20	3,715,146,848,695	185,757,342,435	-0.008		
Jan-07	20	4,263,986,570,973	213,199,328,549	0.138		
Feb-07	19	3,946,799,860,532	207,726,308,449	-0.026		
Mar-07	22	5,245,051,744,090	238,411,442,913	0.138		
Apr-07	20	4,274,665,072,437	213,733,253,622	-0.109		
May-07	22	5,172,568,357,522	235,116,743,524	0.095		
Jun-07	21	5,586,337,010,802	266,016,048,133	0.123		
Jul-07	21	5,938,330,480,139	282,777,641,911	0.061		
Aug-07	23	7,713,644,229,032	335,375,836,045	0.171		
Sep-07	19	4,805,676,596,099	252,930,347,163	-0.282		
Oct-07	23	6,499,651,716,225	282,593,552,879	0.111		
Nov-07	21	7,176,290,763,989	341,728,131,619	0.190		
Dec-07	20	5,512,903,594,564	275,645,179,728	-0.215		
Jan-08	21	7,997,242,071,529	380,821,051,025	0.323		
Feb-08	20	6,139,080,448,887	306,954,022,444	-0.216		
Mar-08	20	6,767,852,332,381	338,392,616,619	0.098		
Apr-08	22	6,150,017,772,735	279,546,262,397	-0.191		
May-08	21	6,080,169,766,807	289,531,893,657	0.035		
Jun-08	21	6,962,199,302,412	331,533,300,115	0.135		
Jul-08	22	8,104,256,787,805	368,375,308,537	0.105		
Aug-08	21	6,106,057,711,009	290,764,652,905	-0.237		
Sep-08	21	8,156,991,919,103	388,428,186,624	0.290		
Oct-08	23	8,644,538,213,244	375,849,487,532	-0.033		
Nov-08	19	5,727,998,341,833	301,473,596,939	-0.221		
Dec-08	22	5,176,041,317,640	235,274,605,347	-0.248		
Jan-09	20	4,670,249,433,806	233,512,471,690	-0.008		
Feb-09	19	4,771,470,184,048	251,130,009,687	0.073		

Mar-09	22	5,885,594,284,780	267,527,012,945	0.063		
Apr-09	21	5,123,665,205,517	243,984,057,406	-0.092		
May-09	20	5,086,717,129,965	254,335,856,498	0.042		
Jun-09	22	5,271,742,782,609	239,624,671,937	-0.060		
Jul-09	22	4,659,599,245,583	211,799,965,708	-0.123		
Aug-09	21	4,582,102,295,783	218,195,347,418	0.030		
Sep-09	21	4,929,155,364,888	234,721,684,042	0.073		
Oct-09	22	5,410,025,301,030	245,910,240,956	0.047		
Nov-09	20	4,770,928,103,032	238,546,405,152	-0.030		
Dec-09	22	4,688,555,313,171	213,116,150,599	-0.113		
Jan-10	19	4,661,795,433,843	245,357,654,413	0.141		
Feb-10	19	4,969,811,812,741	261,569,042,776	0.064		
Mar-10	23	5,563,392,065,417	241,886,611,540	-0.078		
Apr-10	21				244,367,079,739	5,131,708,674,527
May-10	20				246,872,984,330	4,937,459,686,603
Jun-10	22				249,404,586,154	5,486,900,895,390
Jul-10	21				251,962,148,728	5,291,205,123,285
Aug-10	22				254,545,938,271	5,600,010,641,951
Sep-10	21				257,156,223,731	5,400,280,698,352
Oct-10	21				259,793,276,816	5,455,658,813,145
Nov-10	21				262,457,372,020	5,511,604,812,419
Dec-10	22				265,148,786,650	5,833,273,306,292
Jan-11	20				267,867,800,857	5,357,356,017,147
Feb-11	19				270,614,697,668	5,141,679,255,686
Mar-11	23				273,389,763,008	6,287,964,549,176
Apr-11	20				276,193,285,736	5,523,865,714,727
May-11	21				279,025,557,675	5,859,536,711,175
Jun-11	22				281,886,873,637	6,201,511,220,021
Jul-11	20				284,777,531,460	5,695,550,629,206
Aug-11	23				287,697,832,035	6,617,050,136,808
Sep-11	21				290,648,079,339	6,103,609,666,110

Figure B.

Aggregate Dollar Amount of Sales Subject to Exchange Act Sections 31(b) and 31(c)[1]

Methodology Developed in Consultation With OMB and CBO

(Dashed Line Indicates Forecast Values)
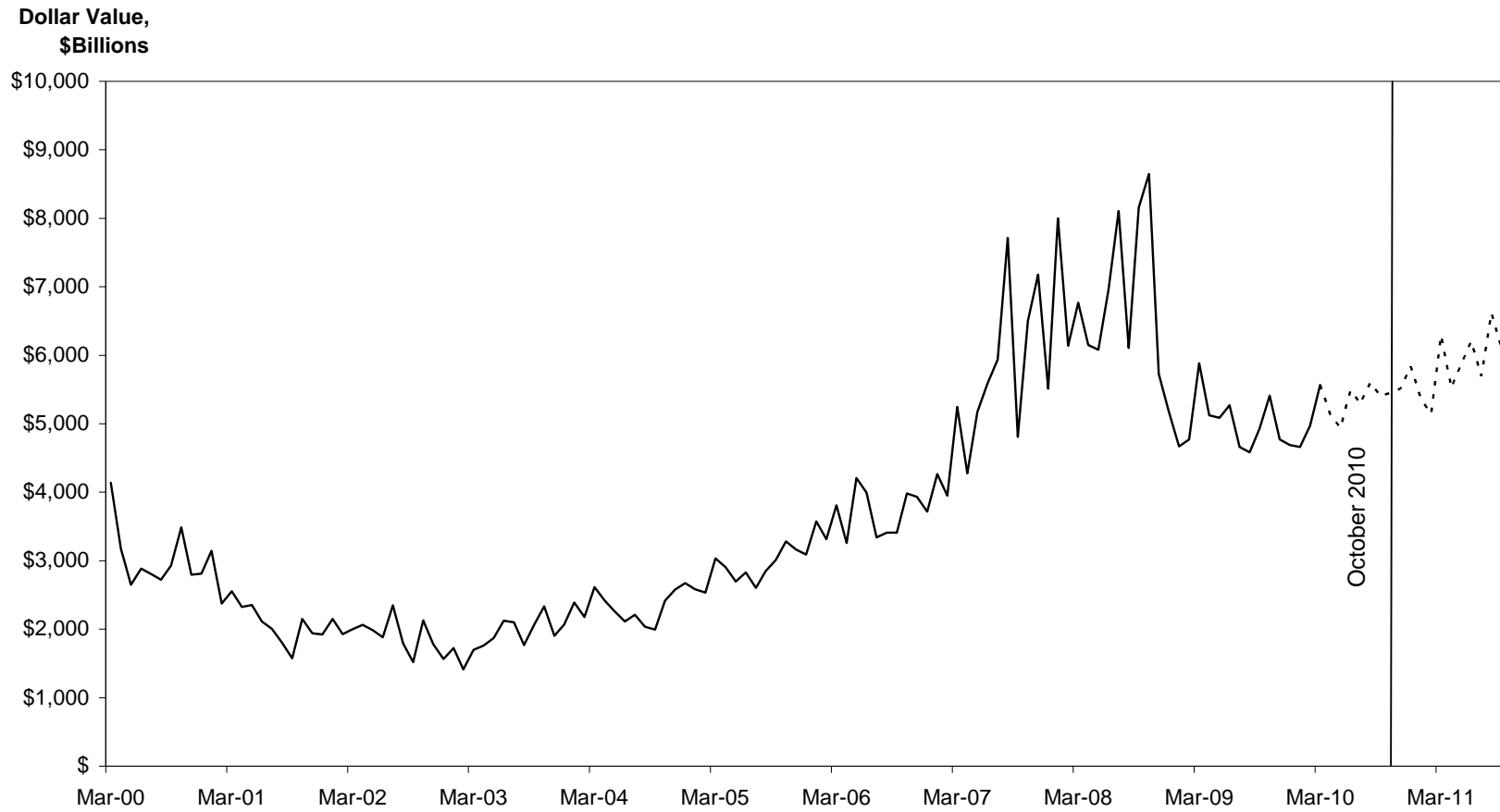
[1]Forecasted line is not smooth because the number of trading days varies by month.