

**FOR  
AGENDA**

EB/CQuota/10/5

September 3, 2010

To: Members of the Committee of the Whole on Review of Quotas

From: The Secretary

Subject: **Fourteenth General Review of Quotas—Further Considerations**

Attached for consideration by the Committee of the Whole is a paper on the Fourteenth General Review of Quotas—Further Considerations, which is tentatively scheduled for discussion on **Friday, September 17, 2010**. Issues for discussion appear on pages 14 and 15.

It is not intended that this paper will be published on the Fund's external website.

Questions may be referred to Ms. Bassett (ext. 34621), Ms. Prowse (ext. 38744), and Ms. Treichel (ext. 36889) in FIN.

This document will shortly be posted on the extranet, a secure website for Executive Directors and member country authorities.

Att: (1)

Other Distribution:  
Department Heads



# INTERNATIONAL MONETARY FUND

## Fourteenth General Review of Quotas: Further Considerations

Prepared by the Finance Department

Approved by Andrew Tweedie

September 2, 2010

Contents	Page
I. Introduction .....	3
II. Size of the Fund.....	4
III. Realignment of Quota Shares .....	9
IV. Issues for Discussion .....	14
Text Tables	
1. Commitment Capacity from Quota and NAB Resources .....	9
2. Summary of Illustrative Simulations: Shifts in Quota Share under Alternative Options ....	13
3. Illustrative Scenarios: Quota Shares of 20 Largest Members.....	16
Tables	
1. Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; Full CQS Protection; PRGT-eligible .....	17
2. Ad hoc Increase Allocated Based on the GDP Blend; Full CQS Protection; PRGT-eligible.....	18
3. Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; 95 Percent CQS Protection; PRGT-eligible.....	19
4. Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; Full CQS Protection; PCDR-eligible .....	20
Figures	
1. Indicators of the Size of the Fund Quota .....	7
2. Quota Relative to Estimated Financing Needs of Previous GRA Borrowers.....	8
Appendix Tables	
A1. Simulation 1: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; Full CQS Protection; PRGT-eligible – by Member .....	21

A2. Simulation 2: Ad hoc Increase Allocated Based on the GDP Blend; Full CQS Protection; PRGT-eligible – by Member .....	27
A3. Simulation 3: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; 95 Percent CQS Protection; PRGT-eligible – by Member .....	33
A4. Simulation 4: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; Full CQS Protection; PCDR-eligible – by Member .....	39

## I. INTRODUCTION<sup>1</sup>

1. **This paper provides the basis for the next round of discussions on the 14<sup>th</sup> General Review of Quotas.** The Committee of the Whole (COW) has so far met three times this year: in March and July to consider the realignment of quota shares, and in April for an initial discussion on the size of the overall increase.<sup>2</sup> Directors also met informally with the Managing Director on July 22 to take stock of the remaining issues, keeping in mind the tight timetable for completing the review and the need for flexibility and compromise from all sides. As discussed at the informal meeting, the Board recess provided an opportunity to take stock of the different positions and seek guidance from capitals on possible ways forward, with the goal of reaching a pragmatic solution that could bridge the remaining gaps within the relatively short period of time still available.<sup>3</sup>

2. **While considerable progress has been made, significant differences remain on many of the key issues:**

- ***Quota size:*** in April, many Directors expressed a preliminary view that broadly a doubling of quotas would ensure that quota resources remain adequate in most circumstances, with some arguing for a larger increase. A few others were skeptical about the need for an increase beyond that needed to achieve the targeted quota share realignment, and some considered it too early to express a specific view.
- ***Quota realignment:*** at the most recent discussion in July, Directors remained committed to the IMFC-endorsed goal of a shift in quota share of at least 5 percent to dynamic emerging market and developing countries (EMDCs) from over- to under-represented countries, while protecting the voting share of the poorest members. Differences remained, however, on a number of important details, including the potential role of a compressed GDP blend variable in distributing ad hoc increases, the possible scope for mechanisms that could facilitate a larger net shift to EMDCs, and the precise modalities for protecting the voting share of the poorest countries.

---

<sup>1</sup> The paper was prepared by a staff team led by S. Bassett and S. Prowse, and consisting of H. Treichel, R. Rozenov, L. Kohler, H. Lin, C. Visconti, C. Janada, S. Rodriguez, A. Dabney, and B. Wennerholm. T. Krueger and C. Beaumont also contributed.

<sup>2</sup> See *The Chairman's Concluding Remarks: Fourteenth General Review of Quotas—Realigning Quota Shares—Initial Considerations* (BUFF/10/33, 3/25/10); *The Chairman's Concluding Remarks: Fourteenth General Review of Quotas—The Size of the Fund—Initial Considerations* (BUFF/10/49, 4/19/10); *The Chairman's Concluding Remarks: Fourteenth General Review of Quotas—Realigning Quota Shares: Further Considerations* (BUFF/10/105, 7/13/10).

<sup>3</sup> See *Communiqué of the International Monetary and Financial Committee of the Board of Governors of the International Monetary Fund* (October 24, 2009); this followed the *G-20 Leaders' Statement: The Pittsburgh Summit* (September 25, 2009).

3. **This paper covers two broad topics.** First, it revisits the issue of the size of the Fund in light of Directors' views expressed in April and subsequent developments. Second, it provides further illustrative simulations of a possible realignment of quota shares, building on the approaches discussed in July. In general, it seeks to explore a somewhat narrower range of options than in previous papers. While recognizing that many Directors have expressed misgivings about some aspects of the approaches discussed in this paper, it is nonetheless hoped that these simulations could help begin to narrow the debate and provide a possible basis—no doubt with further refinements—for building the necessary broad consensus. Given that views remain wide-ranging, it would be premature to present specific staff proposals and the simulations in this paper remain purely illustrative. However, if sufficient progress is made in the discussions, staff could revert quickly with proposals for Directors' consideration. In addition, staff has circulated separately a supplement presenting specific simulations that were requested by Directors in the previous discussion.<sup>4</sup>

## II. SIZE OF THE FUND

### Stocktaking

4. **In April, Directors discussed a staff paper that considered the size of the Fund in light of a range of indicators and scenario analysis.** The paper concluded that a substantial quota increase is needed, with some indicators pointing to a doubling, and other estimates pointing to even larger increases.<sup>5</sup> It was noted that, with no general increase since the 11<sup>th</sup> Review in 1998, quota resources had declined markedly relative to standard economic indicators, including global GDP and international trade and capital flows. Scenario analysis, based on the Fund's experience during previous crisis episodes and vulnerabilities during "tail" events, also pointed to the need for a sizable increase. The paper noted that a doubling of quotas, together with the expanded New Arrangements to Borrow (NAB), would increase the Fund's lending capacity to about US\$1 trillion, allowing the Fund to support its members under a broad range of scenarios.<sup>6</sup> It was also recognized that possible reforms to the Fund's crisis prevention and resolution instruments could add to these needs.

---

<sup>4</sup> *Fourteenth General Review of Quotas – Realigning Quota Shares: Further Considerations – Simulation Requests* (EB/CQuota/10/4, Supplement 2, 8/30/10).

<sup>5</sup> See *Fourteenth General Review of Quotas—The Size of the Fund—Initial Considerations* (EB/CQuota/10/2, 3/15/10).

<sup>6</sup> With a doubling of quotas, together with activation of the full amount of the expanded NAB, the Fund's commitment capacity is approximately SDR 613 billion (Table 1). This is equivalent to about US\$950 billion at an exchange rate of 1.55 U.S. dollars per SDR (three-year average exchange rate to end July 2010).

5. **Directors expressed preliminary views, given the need for parallel progress on the quota distribution, the Fund's future financing role and broader governance reforms.**<sup>7</sup> They emphasized that the Fund is, and should remain, a quota-based institution, notwithstanding the large increase in its borrowed resources. As noted, most Directors saw a strong case for a substantial increase, with many supporting broadly a doubling and some arguing for a larger increase. A few other Directors were skeptical about the need for a quota increase beyond the amount needed to achieve the targeted realignment of quota shares, and some Directors considered it too early to express a specific view, given the ongoing discussions on other work that might have a bearing on Fund resources.

### Subsequent Developments

6. **Subsequent developments have further strengthened the case for a substantial quota increase.** In particular, the euro area crisis and the establishment of the new European Financial Stability Facility (EFSF) highlight the possibility that large financing needs could arise in support of adjustment programs by advanced countries. These developments have made some earlier scenarios more likely, even if the possibility of such financing needs was already envisaged in the tail risk scenarios prepared for the March paper. In particular, the amounts generated in those scenarios are broadly in line with the notional amounts of potential recourse to Fund financing outlined when the EFSF was announced. This package came on top of the agreement on an SBA for Greece involving the Fund's largest non-precautionary commitment. These developments highlight the importance of ensuring that the Fund has adequate resources to provide a credible response to potential financing needs by a wide range of members, including advanced economies that may face sizable needs in the event of sudden stops associated with debt rollovers or deposit outflows.<sup>8</sup> The availability of such resources may itself help to forestall a crisis even if the resources are never drawn.

7. **A second development since the March paper has been the emergence of greater clarity regarding options for further reforms of Fund facilities.** The recent Board decisions, including the elimination of the access cap under the FCL and the introduction of the PCL, would tend to raise the crisis *prevention* demand for Fund resources.<sup>9</sup> However, it is also expected that such reforms would lower demand for crisis *resolution* resources from the Fund, as Fund support would be deployed in a more front-loaded and credible manner, if

---

<sup>7</sup> See *The Chairman's Concluding Remarks: Fourteenth General Review of Quotas—The Size of the Fund—Initial Considerations* (BUFF/10/49, 4/19/10).

<sup>8</sup> Members using Fund resources are not included in the FTP and would also not participate in meeting drawings under the NAB. Hence, there are significant downside risks to the availability of quota and borrowed resources in a crisis if members previously included in the FTP need to use Fund resources.

<sup>9</sup> See *The Fund's Mandate—The Future Financing Role—Reform Proposals—Decisions* (SM/10/162, Sup. 4, 8/31/10).

needed. Taking crisis prevention and resolution implications together, the updated staff analysis<sup>10</sup> suggested that the overall resource envelope discussed in the March paper (i.e., a doubling of quotas plus the expanded NAB) appears broadly adequate. The greater role for crisis prevention could accelerate the demand for commitments in a crisis, and a large share of quota resources would ensure that the Fund is well placed to meet the greater potential for a surge in demand for commitments, as quota resources are more flexible than borrowing.

**8. Staff has also revisited the indicator analysis prepared in the March paper.**

While the broad conclusions remain unchanged, some indicators would point to larger increases than previously estimated. One approach presented previously was the comparison of total quotas to a range of standard global indicators (see Table 2 of EB/CQuota/10/2). This analysis uses the quota database, which runs through 2008. Staff has examined the potential implications of extending this analysis through 2009 using available data from the *IFS* and the April 2010 *World Economic Outlook* (WEO) (see Figure 1). This exercise suggests that a 90 percent quota increase (relative to that agreed in the 2008 reform) would be needed to restore quotas relative to global GDP to the level agreed in the 1980s and 1990s, up from 80 percent reported in EB/CQuota/10/2. Based on the quota formula weighted variables, the needed increase would be 164 percent rather than 134 percent.

**9. The updated WEO projections also imply significantly higher estimates for members' prospective external financing needs.** In EB/CQuota/10/2, quota resources were compared with forward-looking estimates of members' external financing needs (EFN) for 76 past GRA borrowers, as in previous reviews.<sup>11</sup> This analysis suggested that a 110 percent increase would be needed to restore the ratio of quota resources to EFN to its 11<sup>th</sup> Review level—an estimate that rises to 138 percent when the updated WEO projections are used to project the EFN for this group through 2014. Figure 2 shows the projected path of quotas to EFN for the range of quota increases considered in the next section. In general, an increase of 100-125 percent would initially return the ratio to close to previous levels after which it would begin to decline again.

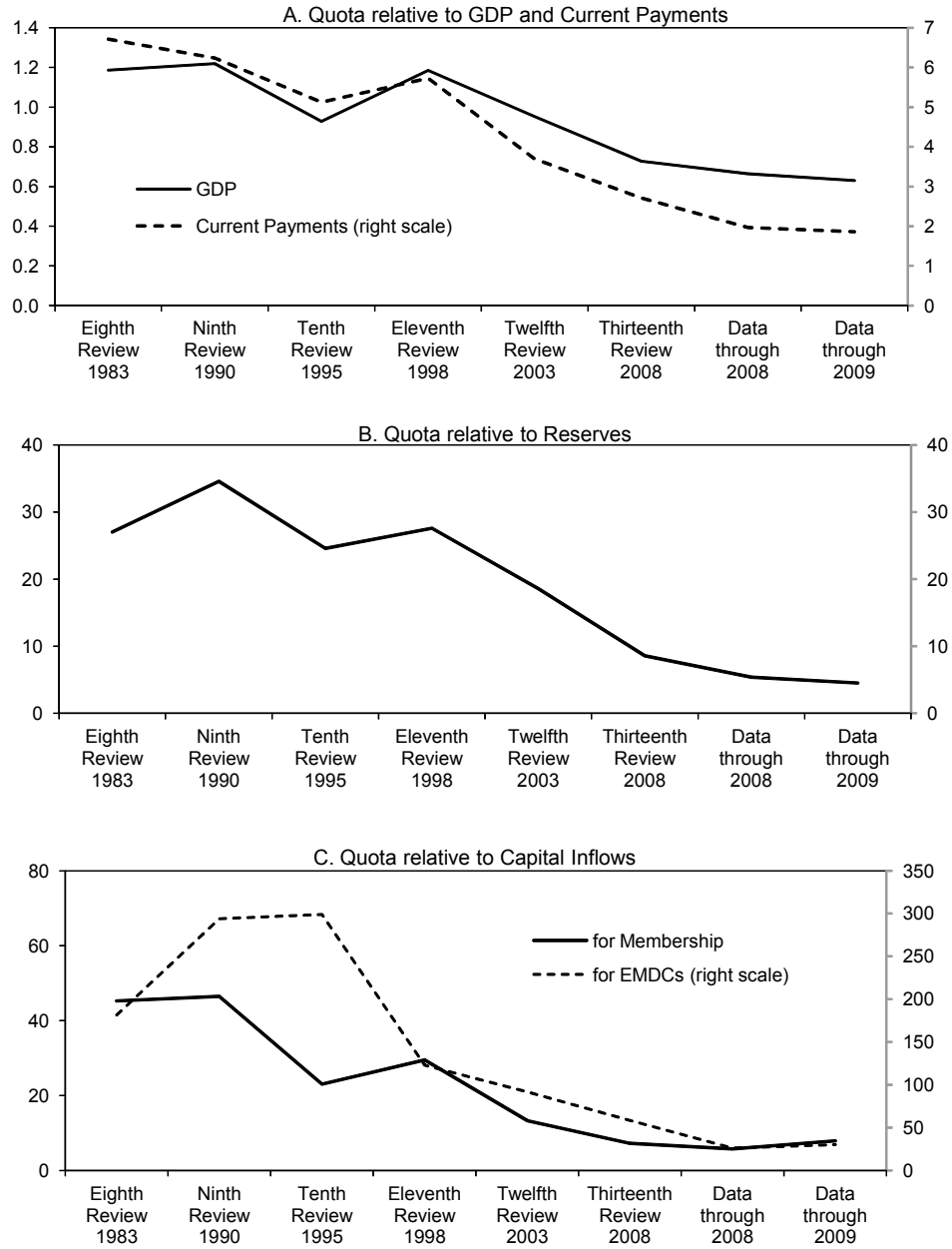
---

<sup>10</sup> See the annex to *The Fund's Mandate—The Future Financing Role—Reform Proposals* (SM/10/162, 6/29/10).

<sup>11</sup> As in SM/07/376 and EB/CQuota/10/2, gross financing needs are estimated using WEO data as the sum of current account deficits net of grants, medium- and long-term debt amortization, arrears repayments, and reserve accumulation. EFNs are calculated by adjusting gross financing needs to include short-term debt but to exclude reserve accumulation by countries with reserves exceeding short-term debt, and to also exclude countries with negative gross needs.

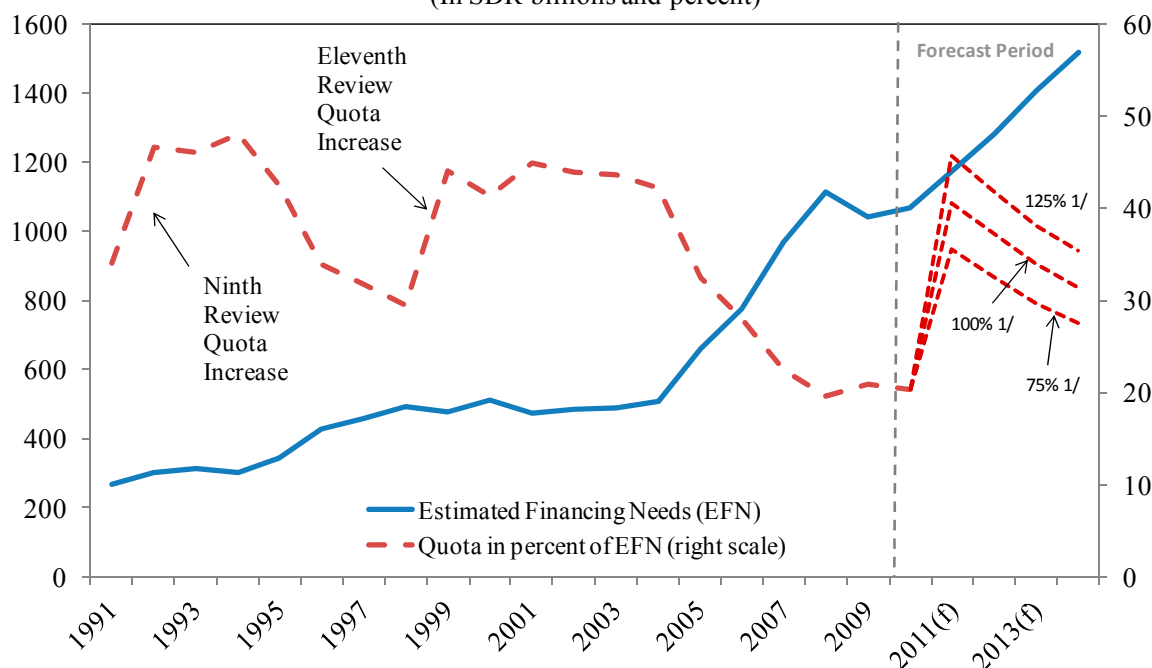


Figure 1. Indicators of the Size of the Fund Quota  
(In percent)



Source: Finance Department.

Figure 2. Quota Relative to Estimated Financing Needs of Previous GRA Borrowers  
(In SDR billions and percent)



Source: WEO database and staff calculations.

1/ In the forecast period, quota resources are assumed to be unchanged in 2010 and to increase in 2011 by 75%, 100%, and 125% respectively, with respect to post second round quota of SDR 238 billion.

10. **In sum, the above considerations further strengthen the case for a doubling of quotas.** Developments since the April discussion only serve to further underline the potential for members to face large potential financing needs in a world of increasingly globalized capital and cross-border flows. It is important that the Fund has a credible resource base to give confidence to its members and markets that it can meet members' potential financing needs under a broad range of feasible scenarios. Also, there is now greater clarity on further reform of the Fund's lending toolkit and its resource implications. In general, this analysis continues to point to a range of quota increases broadly centered on a doubling. Together with the expanded NAB, a doubling of quotas would provide the Fund with a commitment capacity of over SDR 600 billion or close to \$1 trillion (Table 1), putting it in a strong position to forestall or cope with potential crises in the coming years.

Table 1. Commitment Capacity from Quota and NAB Resources  
(In billions of SDRs unless otherwise noted)

	Total Quota	Quota of FTP Members	Prudential Balance	Other Resources Net 3/	Quota-based Commitment Capacity	Expanded NAB Resources 1/	Total Resources	Total Commitment Capacity 2/	
	A	B	C=0.2*B	D	D=B-C	E	A+E	D+0.8*E	billions of US\$ 3/
Current quota	217.4	181	36	3.4	144	367.5	585	438	681
Agreed quota	238.4	200	40	3.4	160	367.5	606	454	705
Quota increase (percent)									
50	358	299	60	3.4	240	367.5	725	534	829
75	417	349	70	3.4	279	367.5	785	573	891
100	477	399	80	3.4	319	367.5	844	613	953
125	536	449	90	3.4	359	367.5	904	653	1015
150	596	499	100	3.4	399	367.5	963	693	1077

Source: Finance Department

1/ NAB total is for activation of the full amount, although some participants in the expanded NAB are not currently in the FTP.

2/ A liquidity buffer of 20 percent is assumed to be retained in the NAB to ensure the reserve asset status of NAB drawings.

3/ Based on three-year average US\$/SDR exchange rate of 1.55.

### III. REALIGNMENT OF QUOTA SHARES

#### Stocktaking

11. **The staff paper for the most recent COW meeting in July illustrated three broad approaches to the quota realignment.** All three could result in sizable shifts in quota shares—meeting the IMFC-endorsed targets—as well as a significant realignment in rankings among the largest quota countries. The first approach built on that presented in the March paper, involving a combination of selective increases distributed according to the quota formula and ad hoc increases distributed mainly to dynamic EMDCs. The second and third approaches used an alternative key for distributing the ad hoc increases, based either on a mix of the formula and the compressed GDP blend variable, or solely on the latter. These alternative approaches sought to recognize some of the concerns that had been expressed about the formula by a number of Directors in the March discussion.

12. **Two further elements were included to facilitate a larger shift to EMDCs:** (i) in all cases, the ad hoc increases were concentrated on EMDCs that meet the specified criteria, though with under-represented advanced countries benefitting fully from the selective increases and over-represented advanced countries that are under-represented using the GDP blend protected at up to their post-second round quota share; and (ii) some of the simulations allowed over-represented countries to become modestly under-represented. Simulations were presented for a wide range of overall quota increases (50–150 percent) and for ad hoc increases ranging from 25–40 percent of the increase (a few simulations also included a modest equiproportional increase).

13. **Directors expressed a range of views on these approaches.** Many saw merit in exploring further the potential role of a compressed GDP variable in distributing ad hoc increases, with some also calling for a greater role for PPP GDP and for exploring alternative options. A number of Directors also encouraged further work along the lines illustrated by the staff to facilitate a larger shift to EMDCs. However, many Directors strongly favored approaches that would not assign effectively larger weights to variables already embedded in the formula, and considered that the formula should remain the primary mechanism for distributing quota increases. Also, many Directors objected to the mechanisms for facilitating a larger net shift to EMDCs, noting that all under-represented countries should be potentially eligible for ad hoc increases, and that all over-represented countries should contribute to the adjustment in quota shares.

14. **Directors reaffirmed that the current quota formula should serve as the basis to work from.** Many Directors maintained that the quota formula should not be reopened and, in addition, some were willing to proceed on the basis of the current formula, provided there is a commitment to revisit it again after the 14<sup>th</sup> Review is completed. Some other Directors preferred to modify the formula during this review.<sup>12</sup>

15. **Directors also supported protecting the voting share of the poorest countries.** A number favored protecting the quota share of PRGT-eligible countries individually, while a few preferred using the eligibility criterion adopted for the Post-Catastrophe Debt Relief (PCDR) Trust. Other Directors preferred to leave options open, including alternative approaches to defining the poorest members, and some also remained open to the possibility of a further increase in the share of basic votes, which requires an amendment of the Articles.

### **Illustrative Simulations**

16. **Based on Directors' views at the July meeting, staff has prepared a further set of illustrative simulations for COW consideration.** These simulations build on the second and third approaches presented in the previous paper. Specifically, they use a combination of selective increases distributed to all members based on the quota formula and ad hoc increases distributed to a subset of members based mainly or in part on their shares in the GDP blend variable. In this way, the approach continues to use the current formula as the primary distribution mechanism—which many have emphasized—but supplements it with use of the GDP blend variable as a key mechanism for distributing ad hoc increases. The latter could provide a possible compromise to help address the concerns of those Directors

---

<sup>12</sup> Since the July meeting, staff has also updated through 2008 the data for additional variables that have been considered in the previous discussions on the formula. These data are posted on the Fund's Intranet at: <http://www-intranet.imf.org/DataReference/EconFinData/default.aspx>. The previous data were presented in *Quotas-Updated Calculations and Quota Variables* (SM/09/227, 08/28/2009).

who argue that economic weight should play a larger role in the distribution of quota increases.

**17. The simulations have several common elements:**

- They are based on a narrower range of overall quota increases, centered on a doubling (75, 100 and 125 percent), as requested by some Directors at the previous meeting;
- They explore a relatively narrow distribution mix, with the largest share (55–65 percent) in all cases distributed as selective increases, and a smaller but substantial share (35–45 percent) as ad hoc increases;
- An equiproportional element (which maintains current shares) is not included, given the limited support expressed to date. However, the relatively large selective component may be seen as a partial substitute, as it also goes to all members;
- Under-represented advanced countries participate in the ad hoc increase to ensure that their increased share following the selective increase is not diluted;
- Over-represented advanced countries also participate in the ad hoc increase if they are under-represented with respect to the GDP blend but are capped at their post-second round quota share;
- Protection is applied on the extent to which over-represented countries (including EMDCs) can become under-represented, if at all;
- The post-second round quota shares of the poorest members are protected, based on two alternative eligibility lists discussed previously (PRGT or PCDR eligible). In all cases, protection is applied to eligible members individually rather than as a group.

**18. While a broad range of combinations is possible, four illustrative simulation sets are presented,** with sets 2-4 variants of Simulation 1 with one element changed.

- *Simulation 1—uses a mix of the formula and the GDP blend as the distribution key for ad hoc increases (Simulation Tables 1 and A1).* This “mixed” approach was previously shown as Set 2 in EB/CQuota/10/4. Over-represented countries are fully protected at their calculated quota share and the post second round quota shares of PRGT-eligible countries are protected individually.
- *Simulation 2—same as Simulation 1 but using only the compressed GDP blend as allocation key for ad hoc increases (Simulation Tables 2 and A2).* This approach concentrates the ad hoc increases on EMDCs that are under-represented under the compressed GDP blend, generally resulting in larger realignments for those countries (see also Set 3 in EB/CQuota/10/4).

- *Simulation 3—same as Simulation 1 but with less than full protection for over-represented countries (Simulation Tables 3 and A3).* As illustrated in EB/CQuota/10/4, allowing over-represented countries to become modestly under-represented can facilitate a larger shift in quota share to dynamic EMDCs. For illustrative purposes, protection is set here at 95 percent of calculated quota share (CQS), as in EB/CQuota/10/4;<sup>13</sup> alternative levels could also be considered.
- *Simulation 4—same as Simulation 1 but with PCDR-eligible countries protected (Simulation Tables 4 and A4).* As noted above, alternative definitions of the poorest members can be considered. This simulation uses the eligibility list for PCDR, which comprises the 48 poorest members (a subset of the 71 PRGT eligible countries) with per capita incomes of less than \$1,135 (and up to twice this amount for small states).

## Results

19. **The simulations generate broadly similar outcomes in terms of overall shifts** (Table 2). The IMFC-endorsed goals would be met, with shifts from over- to under-represented countries and to dynamic EMDCs exceeding 5 percent in all cases,<sup>14</sup> but larger shifts are possible with a larger overall increase.<sup>15</sup> In aggregate, the quota share of advanced countries as a group falls to, or slightly below, its calculated quota share (and significantly below its share in the GDP blend). This is the case in all simulations, including those with full protection, reflecting the fact that some individual advanced countries remain below their calculated quota shares. Correspondingly, the aggregate share of EMDCs rises to, or slightly above, its calculated quota share (and significantly above its share in the GDP blend). *Simulation 3* yields about 1 percent larger overall shifts as a result of allowing over-represented countries to become modestly under-represented. The other simulations involve different assumptions for the distribution of ad hoc increases, which are centered on EMDCs, and therefore the impact is primarily on the distribution within the EMDC group rather than on the shift between advanced countries and EMDCs.

---

<sup>13</sup>  $CQS = (0.50 * \text{GDP blend} + 0.30 * \text{Openness} + 0.15 * \text{Variability} + 0.05 * \text{Reserves})^K$ , where GDP blend is a weighted average of market (60 percent) and PPP-based GDP (40 percent) and  $K=0.95$  is a compression factor.

<sup>14</sup> Dynamic EMDCs are defined here as those that are under-represented using the formula or whose PPP GDP share divided by its post-second round quota share is greater than 1 and are not over-represented by more than 25 percent (see Section III of EB/CQuota/10/1).

<sup>15</sup> For example, an overall increase of 75 percent yields a shift to dynamic EMDCs in the range of 5.2–6.5 percent and to under-represented countries of 5.6–6.8 percent, compared with 6.0–7.3 and 6.6–7.8 percent, respectively, with a 125 percent quota increase.

Table 2. Summary of Illustrative Simulations: Shifts in Quota Share under Alternative Options 1/

Simulation	Ad Hoc	CQS Protection	LIC Protection	Range of shift of quota share to:		
				Dynamic EMDCs 2/	Under-represented countries	EMDCs as a group
1	Formula/GDP Blend	100%	PRGT	5.3 - 6.3	5.7 - 6.8	2.3 - 2.4
2	GDP Blend	100%	PRGT	5.2 - 6.2	5.6 - 6.7	2.2 - 2.4
3	Formula/GDP Blend	95%	PRGT	6.1 - 7.3	6.5 - 7.8	3.1 - 3.3
4	Formula/GDP Blend	100%	PCDR	5.5 - 6.6	5.9 - 7.1	2.2 - 2.4

1/ Results for quota increases of 75, 100 and 125 percent. See Tables 1-4 for details.

2/ Includes all under-represented EMDCs plus other dynamic EMDCs defined as those whose PPP GDP share divided by post second round quota share is greater than 1 and who are not over-represented by more than 25 percent.

20. **Differences are more evident in the impact on individual members' quota shares** (shown in Simulation Tables A1-A4, and summarized for the 20 largest quotas in Table 3). For example, use of the GDP blend (*Simulation 2*) rather than the “mixed” approach (*Simulation 1*) for distributing ad hoc increases results in larger increases for EMDCs that are under-represented based on the blend. Use of the PCDR-eligible list for protection of the poorest members (*Simulation 4*) rather than the PRGT group allows larger shifts of about 0.3 percent to the targeted groups, because over-represented PRGT-eligible members with relatively higher incomes would no longer be protected. As noted in EB/CQuota/10/4, this approach can also avoid anomalies in the treatment of over-represented countries based on whether they fall within or outside the PRGT-eligible list. In all simulations, quota increases would be very large for a number of countries; for example, increases would exceed 200 percent for 6 countries in the case of doubling of quotas under the “mixed” approach of *Simulation 1*.

21. **The above simulations seek to protect the voting share of the poorest by allocating part of the ad hoc increase to these members.** As discussed above, two alternative eligibility lists are considered: the full list of PRGT-eligible members and the subset of the poorest members within this group, defined as those that are eligible for PCDR. In both cases, protection is provided at the level of individual members. Previous papers discussed two alternative approaches: protection at the group rather than the individual level; and protection through a further increase in basic votes.<sup>16</sup> Group protection would allow a quota share realignment within the eligible group through the selective increases, while protecting the share of the group as a whole. It would thus result in a somewhat larger shift from over- to under-represented countries by about 0.2 percentage points, depending on the

<sup>16</sup> See Section IV of EB/CQuota/10/4.

scenario. Preserving the voting share of PRGT-eligible countries solely through an increase in basic votes would require a further amendment of the Articles to increase the share of basic votes in total votes from the 5.5 percent agreed in 2008 to about 8.5 percent, implying nearly a 5-fold increase over the pre-2008 reform level (assuming a doubling of quotas). At the same time, with many of the PRGT- and PCDR-eligible countries over-represented under the formula, their quota share would decline if voting share protection is achieved solely through an increase in basic votes.

#### IV. ISSUES FOR DISCUSSION

22. **In light of the above considerations, Directors may wish to comment on the following issues:**

- ***Size of the quota increase.*** Do Directors agree that, after two general reviews without a quota increase, broadly a doubling of quotas would seem warranted to ensure that the Fund has adequate resources to meet members' potential needs in the period ahead, and taking account of the latest and possible future reforms of the Fund's lending toolkit?
- ***Broad goals of the quota realignment.*** Recognizing that many details are still to be worked out, do Directors consider that an overall outcome along the lines of the illustrative simulations presented in this paper could represent a viable approach to building the necessary broad consensus for a realignment of quota shares under the 14<sup>th</sup> Review?
- ***Allocation mechanisms.*** What are Directors' views on the approach explored in this paper of a sizable selective increase for all members based on the quota formula, and a smaller but still sizable ad hoc increase for a subset of members? Do Directors agree that a relatively large selective increase could provide an alternative to an equi-proportional increase, given the emphasis on realigning quota shares in the current review?
- ***Criteria for ad hoc increases.*** What are Directors' views on the approaches to allocating ad hoc increases discussed in this paper? Do they agree that an approach using the compressed GDP blend, either as a complement (a "mixed approach") or alternative to the quota formula, should be explored further?
- ***Protection.*** What are Directors' views on the level of protection discussed in this paper, including that the selective increases for under-represented advanced economies should not be diluted, that over-represented countries should be fully or largely protected from becoming under-represented, and that over-represented advanced countries that are under-represented using the GDP blend should be protected up to their post-second round quota?



- ***Protecting the poorest members.*** What are Directors' views on the alternative modalities for protecting the voting share of the poorest members discussed in this paper? Do they consider that this should be achieved through ad hoc quota allocations or do they wish to explore further the option of an increase in the share of basic votes? Should protection be extended to individual countries or to the group of the poorest as a whole? What are Directors' views on the criteria for defining the poorest members, including use of the eligibility list for potential access to the PCDR- rather than the broader PRGT-eligible list?

Table 3. Illustrative Scenarios: Quota Shares of 20 Largest Members 1/  
(In percent)

Rank	Post Second Round		Simulation 1		Simulation 2		Simulation 3		Simulation 4	
1	United States	17.67	United States	17.67	United States	17.67	United States	17.67	United States	17.67
2	Japan	6.56	Japan	6.56	Japan	6.56	China 2/	6.64	Japan	6.56
3	Germany	6.11	China 2/	6.32	China 2/	6.55	Japan	6.56	China 2/	6.42
4	France	4.50	Germany	5.68	Germany	5.68	Germany	5.41	Germany	5.68
5	United Kingdom	4.50	United Kingdom	4.56	United Kingdom	4.56	United Kingdom	4.56	United Kingdom	4.56
6	China 2/	4.00	France	3.79	France	3.79	France	3.61	France	3.79
7	Italy	3.31	Italy	3.25	Italy	3.27	Italy	3.27	Italy	3.26
8	Saudi Arabia	2.93	Russia	2.75	Russia	2.70	Russia	2.78	Russia	2.76
9	Canada	2.67	India	2.62	India	2.67	India	2.69	India	2.64
10	Russia	2.49	Canada	2.30	Canada	2.30	Brazil	2.24	Canada	2.30
11	India	2.44	Brazil	2.16	Brazil	2.22	Canada	2.19	Brazil	2.18
12	Netherlands	2.17	Spain	1.89	Spain	1.89	Spain	1.89	Spain	1.89
13	Belgium	1.93	Saudi Arabia	1.87	Saudi Arabia	1.87	Saudi Arabia	1.87	Saudi Arabia	1.87
14	Brazil	1.78	Netherlands	1.86	Netherlands	1.86	Korea	1.87	Netherlands	1.86
15	Spain	1.69	Korea	1.81	Mexico	1.81	Mexico	1.82	Korea	1.83
16	Mexico	1.52	Mexico	1.77	Korea	1.77	Netherlands	1.77	Mexico	1.79
17	Switzerland	1.45	Australia	1.37	Australia	1.37	Australia	1.37	Australia	1.37
18	Korea	1.41	Belgium	1.36	Belgium	1.36	Belgium	1.36	Belgium	1.36
19	Australia	1.36	Switzerland	1.23	Switzerland	1.23	Switzerland	1.17	Switzerland	1.23
20	Venezuela	1.12	Turkey	0.97	Turkey	1.01	Turkey	1.03	Turkey	0.98

Source: Finance Department

1/ Assumes a 100% increase with a distribution of 0/60/40 for equiproportional, selective, and ad hoc respectively.

2/ Includes China, P.R., Hong Kong SAR, and Macao SAR.

**Table 1. Simulation 1: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; Full CQS Protection; PRGT-eligible 1/  
(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Advanced economies	60.5	58.2	60.0	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2
Major advanced economies	45.3	42.9	48.0	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
Of which: United States	17.7	17.0	21.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
Other advanced economies	15.1	15.3	11.9	14.2	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4
Emerging Market and Developing Countries	39.5	41.8	40.0	41.9	41.9	41.9	41.9	41.9	41.8	41.8	41.8	41.8
Developing countries	32.4	34.1	33.2	34.6	34.5	34.4	34.5	34.5	34.4	34.5	34.4	34.4
Africa	4.9	3.1	2.9	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.5	4.5
Asia 5/	12.6	17.7	17.3	15.8	16.1	16.2	15.7	16.0	16.1	15.6	15.9	16.1
Middle East, Malta & Turkey	7.2	6.2	5.2	6.6	6.5	6.3	6.7	6.5	6.4	6.7	6.5	6.4
Western Hemisphere	7.7	7.0	8.0	7.6	7.5	7.4	7.6	7.5	7.4	7.6	7.5	7.4
Transition economies	7.1	7.7	6.8	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Memorandum items:												
EU 27	31.9	31.3	27.8	30.3	30.3	30.4	30.3	30.4	30.4	30.4	30.4	30.4
LICs (PRGT-eligible)	4.3	2.6	2.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
LICs (PCDR eligibility)	3.2	1.8	1.7	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.1
Underrepresented countries (shift in p.p.)				5.9	6.5	6.8	5.8	6.4	6.8	5.7	6.3	6.7
Underrepresented EMDCs (shift in p.p.)				5.4	5.8	6.1	5.3	5.7	6.0	5.1	5.6	5.9
Dynamic EMDCs (shift in p.p.) 6/				5.6	6.0	6.3	5.4	5.9	6.1	5.3	5.7	6.0
EMDCs (shift in p.p.)				2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Uniform reduction factor 7/				34.7	35.5	34.6	31.5	32.0	31.4	28.2	28.4	27.8

Source: Finance Department.

1/ The simulations assume a 75, 100, and 125 percent increase of post second round quotas. The ad hoc increase is distributed to all countries that are under-represented with respect to the formula or with respect to the GDP blend (see footnote 3). Eligible EMDCs receive a uniform reduction in out-of-lineness based on the formula (for those EMDCs under-represented under the formula only), or the GDP-blend (for those EMDCs under-represented under the GDP blend only), or the greater of the two (for those EMDCs that qualify under both criteria). Eligible advanced countries are capped at their post second round or post selective quota share, whichever is greater. Over-represented countries which would become under-represented as a result of the overall quota increase are protected at their calculated quota share. PRGT-eligible countries receive at least their post second round quota share.

2/ Includes ad hoc increases for 54 eligible members that are not yet effective; also includes Kosovo and Tuvalu which became members on June 29, 2009 and June 24, 2010, respectively. For the two countries that have not yet consented to, and paid for, their quota increases, 11th Review proposed quotas are used.

3/ GDP blended using 60 percent market and 40 percent PPP exchange rates, compressed using a factor of 0.95.

4/ The overall increase is distributed to members on an equiproportional, selective and ad hoc basis in the proportion of x/y/z, respectively.

5/ Including Korea and Singapore.

6/ Includes all under-represented EMDCs plus other dynamic EMDCs defined as those whose PPP GDP share divided by post second round quota share is greater than 1 and who are not over-represented by more than 25 percent.

7/ Uniform proportional reduction in the gap between calculated and post-selective quota share or GDP blend (see footnote 3) and post-selective quota share, whichever is applicable.

**Table 2. Simulation 2: Ad hoc Increase Allocated Based on the GDP Blend; Full CQS Protection; PRGT-eligible 1/  
(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Advanced economies	60.5	58.2	60.0	58.1	58.1	58.2	58.1	58.2	58.2	58.2	58.2	58.2
Major advanced economies	45.3	42.9	48.0	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
Of which: United States	17.7	17.0	21.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
Other advanced economies	15.1	15.3	11.9	14.2	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4
Emerging Market and Developing Countries	39.5	41.8	40.0	41.9	41.9	41.8	41.9	41.8	41.8	41.8	41.8	41.8
Developing countries	32.4	34.1	33.2	34.7	34.7	34.6	34.6	34.6	34.5	34.6	34.5	34.5
Africa	4.9	3.1	2.9	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Asia 5/	12.6	17.7	17.3	15.9	16.2	16.3	15.8	16.1	16.2	15.7	16.0	16.1
Middle East, Malta & Turkey	7.2	6.2	5.2	6.6	6.4	6.3	6.6	6.4	6.3	6.6	6.5	6.4
Western Hemisphere	7.7	7.0	8.0	7.7	7.6	7.6	7.7	7.6	7.5	7.7	7.6	7.5
Transition economies	7.1	7.7	6.8	7.2	7.2	7.3	7.2	7.2	7.3	7.2	7.3	7.3
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Memorandum items:												
EU 27	31.9	31.3	27.8	30.2	30.3	30.3	30.3	30.3	30.4	30.3	30.4	30.4
LICs (PRGT-eligible)	4.3	2.6	2.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
LICs (PCDR eligibility)	3.2	1.8	1.7	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Underrepresented countries (shift in p.p.)				5.9	6.4	6.7	5.8	6.3	6.7	5.6	6.2	6.6
Underrepresented EMDCs (shift in p.p.)				5.3	5.8	6.0	5.2	5.6	5.9	5.0	5.5	5.8
Dynamic EMDCs (shift in p.p.) 6/				5.6	6.0	6.2	5.4	5.8	6.1	5.2	5.7	6.0
EMDCs (shift in p.p.)				2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.2
Uniform reduction factor 7/				44.3	45.3	44.1	40.2	40.9	40.0	35.9	36.3	35.4

Source: Finance Department.

1/ The simulations assume a 75, 100, and 125 percent increase of post second round quotas. The ad hoc increase is distributed to all countries that are under-represented with respect to the GDP blend (see footnote 3). Eligible EMDCs receive a uniform reduction in out-of-lineness based on the GDP-blend. Eligible advanced countries are capped at their post second round or post-selective quota share, whichever is greater. Over-represented countries which would become under-represented as a result of the overall quota increase are protected at their calculated quota share. PRGT-eligible countries receive at least their post second round quota share. The quota shares of EMDCs and advanced economies that are under-represented under the formula but not eligible for the ad hoc are protected at their post-selective quota share.

2/ Includes ad hoc increases for 54 eligible members that are not yet effective; also includes Kosovo and Tuvalu which became members on June 29, 2009 and June 24, 2010, respectively. For the two countries that have not yet consented to, and paid for, their quota increases, 11th Review proposed quotas are used.

3/ GDP blended using 60 percent market and 40 percent PPP exchange rates, compressed using a factor of 0.95.

4/ The overall increase is distributed to members on an equiproportional, selective and ad hoc basis in the proportion of x/y/z, respectively.

5/ Including Korea and Singapore.

6/ Includes all under-represented EMDCs plus other dynamic EMDCs defined as those whose PPP GDP share divided by post second round quota share is greater than 1 and who are not over-represented by more than 25 percent.

7/ Uniform proportional reduction in the gap between GDP blend (see footnote 3) and post-selective quota share.

**Table 3. Simulation 3: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; 95 Percent CQS Protection; PRGT-eligible 1/**  
(In percent)

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Advanced economies	60.5	58.2	60.0	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.4
Major advanced economies	45.3	42.9	48.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
Of which: United States	17.7	17.0	21.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
Other advanced economies	15.1	15.3	11.9	13.9	13.9	13.9	14.0	14.0	14.0	14.1	14.1	14.1
Emerging Market and Developing Countries	39.5	41.8	40.0	42.8	42.8	42.8	42.7	42.7	42.7	42.7	42.7	42.6
Developing countries	32.4	34.1	33.2	35.4	35.4	35.3	35.3	35.3	35.3	35.2	35.2	35.2
Africa	4.9	3.1	2.9	4.5	4.5	4.5	4.6	4.5	4.5	4.6	4.5	4.5
Asia 5/	12.6	17.7	17.3	16.4	16.6	16.8	16.3	16.5	16.7	16.2	16.4	16.6
Middle East, Malta & Turkey	7.2	6.2	5.2	6.8	6.6	6.5	6.8	6.6	6.5	6.8	6.7	6.5
Western Hemisphere	7.7	7.0	8.0	7.7	7.7	7.6	7.7	7.6	7.6	7.7	7.6	7.6
Transition economies	7.1	7.7	6.8	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Memorandum items:												
EU 27	31.9	31.3	27.8	29.6	29.6	29.7	29.7	29.7	29.7	29.7	29.8	29.8
LICs (PRGT-eligible)	4.3	2.6	2.4	4.3	4.4	4.4	4.3	4.3	4.4	4.3	4.3	4.4
LICs (PCDR eligibility)	3.2	1.8	1.7	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Underrepresented countries (shift in p.p.)				6.8	7.4	7.8	6.7	7.3	7.7	6.5	7.1	7.6
Underrepresented EMDCs (shift in p.p.)				6.3	6.8	7.1	6.1	6.6	6.9	5.9	6.4	6.7
Dynamic EMDCs (shift in p.p.) 6/				6.5	7.0	7.3	6.3	6.8	7.1	6.1	6.6	7.0
EMDCs (shift in p.p.)				3.3	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.1
Uniform reduction factor 7/				45.4	47.7	48.7	42.3	44.1	45.0	38.8	40.4	41.1

Source: Finance Department.

1/ The simulations assume a 75, 100, and 125 percent increase of post second round quotas. The ad hoc increase is distributed to all countries that are under-represented with respect to the formula or with respect to the GDP blend (see footnote 3). Eligible EMDCs receive a uniform reduction in out-of-lineness based on the formula (for those EMDCs under-represented under the formula only), or the GDP-blend (for those EMDCs under-represented under the GDP blend only), or the greater of the two (for those EMDCs that qualify under both criteria). Eligible advanced countries are capped at their post second round or post-selective quota share, whichever is greater. Over-represented countries which would become under-represented as a result of the overall quota increase are protected at 95 percent of their calculated quota share. PRGT-eligible countries receive at least their post second round quota share.

2/ Includes ad hoc increases for 54 eligible members that are not yet effective; also includes Kosovo and Tuvalu which became members on June 29, 2009 and June 24, 2010, respectively. For the two countries that have not yet consented to, and paid for, their quota increases, 11th Review proposed quotas are used.

3/ GDP blended using 60 percent market and 40 percent PPP exchange rates, compressed using a factor of 0.95.

4/ The overall increase is distributed to members on an equiproportional, selective and ad hoc basis in the proportion of x/y/z, respectively.

5/ Including Korea and Singapore.

6/ Includes all under-represented EMDCs plus other dynamic EMDCs defined as those whose PPP GDP share divided by post second round quota share is greater than 1 and who are not over-represented by more than 25 percent.

7/ Uniform proportional reduction in the gap between calculated and post-selective quota share or GDP blend (see footnote 3) and post-selective quota share, whichever is applicable.

**Table 4. Simulation 4: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; Full CQS Protection; PCDR-eligible 1/**  
(In percent)

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Advanced economies	60.5	58.2	60.0	58.1	58.1	58.2	58.1	58.1	58.2	58.2	58.2	58.2
Major advanced economies	45.3	42.9	48.0	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
Of which: United States	17.7	17.0	21.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
Other advanced economies	15.1	15.3	11.9	14.2	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4
Emerging Market and Developing Countries	39.5	41.8	40.0	41.9	41.9	41.8	41.9	41.9	41.8	41.8	41.8	41.8
Developing countries	32.4	34.1	33.2	34.6	34.6	34.5	34.5	34.5	34.5	34.5	34.4	34.4
Africa	4.9	3.1	2.9	4.4	4.3	4.3	4.4	4.3	4.3	4.4	4.4	4.3
Asia 5/	12.6	17.7	17.3	16.0	16.2	16.4	15.9	16.1	16.3	15.8	16.0	16.2
Middle East, Malta & Turkey	7.2	6.2	5.2	6.7	6.5	6.4	6.7	6.5	6.4	6.7	6.6	6.4
Western Hemisphere	7.7	7.0	8.0	7.6	7.5	7.4	7.6	7.5	7.4	7.6	7.5	7.4
Transition economies	7.1	7.7	6.8	7.3	7.4	7.4	7.3	7.3	7.4	7.3	7.4	7.4
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Memorandum items:												
EU 27	31.9	31.3	27.8	30.3	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.5
LICs (PRGT-eligible)	4.3	2.6	2.4	4.0	4.0	3.9	4.0	4.0	3.9	4.0	4.0	4.0
LICs (PCDR eligibility)	3.2	1.8	1.7	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Underrepresented countries (shift in p.p.)				6.2	6.8	7.1	6.1	6.6	7.0	5.9	6.5	6.9
Underrepresented EMDCs (shift in p.p.)				5.7	6.1	6.4	5.5	6.0	6.3	5.3	5.8	6.1
Dynamic EMDCs (shift in p.p.) 6/				5.9	6.3	6.6	5.7	6.1	6.4	5.5	6.0	6.3
EMDCs (shift in p.p.)				2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.2
Uniform reduction factor 7/				37.7	39.2	38.8	34.4	35.6	35.6	31.0	31.9	31.8

Source: Finance Department.

1/ The simulations assume a 75, 100, and 125 percent increase of post second round quotas. The ad hoc increase is distributed to all countries that are under-represented with respect to the formula or with respect to the GDP blend (see footnote 3). Eligible EMDCs receive a uniform reduction in out-of-lineness based on the formula (for those EMDCs under-represented under the formula only), or the GDP-blend (for those EMDCs under-represented under the GDP blend only), or the greater of the two (for those EMDCs that qualify under both criteria). Eligible advanced countries are capped at their post second round or post-selective quota share, whichever is greater. Over-represented countries which would become under-represented as a result of the overall quota increase are protected at their calculated quota share. PCDR-eligible countries receive at least their post second round quota share.

2/ Includes ad hoc increases for 54 eligible members that are not yet effective; also includes Kosovo and Tuvalu which became members on June 29, 2009 and June 24, 2010, respectively. For the two countries that have not yet consented to, and paid for, their quota increases, 11th Review proposed quotas are used.

3/ GDP blended using 60 percent market and 40 percent PPP exchange rates, compressed using a factor of 0.95.

4/ The overall increase is distributed to members on an equiproportional, selective and ad hoc basis in the proportion of x/y/z, respectively.

5/ Including Korea and Singapore.

6/ Includes all under-represented EMDCs plus other dynamic EMDCs defined as those whose PPP GDP share divided by post second round quota share is greater than 1 and who are not over-represented by more than 25 percent.

7/ Uniform proportional reduction in the gap between calculated and post-selective quota share or GDP blend (see footnote 3) and post-selective quota share, whichever is applicable.

**Table A1. Simulation 1: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; Full CQS Protection; PRGT-eligible -- by Member 1/  
(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
United States	17.670	16.987	21.645	17.670	17.670	17.670	17.670	17.670	17.670	17.670	17.670	17.670
Japan	6.556	6.493	7.282	6.556	6.556	6.556	6.556	6.556	6.556	6.556	6.556	6.556
Germany	6.110	5.678	5.201	5.678	5.678	5.678	5.678	5.678	5.678	5.678	5.678	5.678
France	4.505	3.789	4.036	3.789	3.789	3.789	3.789	3.789	3.789	3.789	3.789	3.789
United Kingdom	4.505	4.663	4.151	4.551	4.561	4.569	4.554	4.564	4.572	4.556	4.567	4.575
China 5/	3.996	7.917	8.128	6.177	6.361	6.470	6.130	6.319	6.446	6.083	6.276	6.413
Italy	3.306	2.992	3.379	3.272	3.260	3.248	3.262	3.249	3.237	3.253	3.238	3.225
Saudi Arabia	2.930	1.337	0.842	1.990	1.833	1.711	2.018	1.866	1.748	2.047	1.900	1.785
Canada	2.672	2.303	2.345	2.303	2.303	2.303	2.303	2.303	2.303	2.303	2.303	2.303
Russia	2.494	2.938	2.746	2.732	2.753	2.766	2.728	2.749	2.764	2.723	2.745	2.761
India	2.442	2.403	3.027	2.638	2.641	2.634	2.618	2.620	2.614	2.598	2.597	2.592
Netherlands	2.166	1.857	1.308	1.857	1.857	1.857	1.857	1.857	1.857	1.857	1.857	1.857
Belgium	1.932	1.324	0.784	1.416	1.330	1.324	1.444	1.363	1.324	1.473	1.396	1.337
Brazil	1.783	2.153	2.654	2.155	2.177	2.183	2.136	2.156	2.165	2.115	2.135	2.144
Spain	1.688	2.236	2.422	1.848	1.882	1.911	1.858	1.894	1.923	1.868	1.904	1.934
Mexico	1.521	1.793	2.080	1.767	1.782	1.787	1.755	1.769	1.776	1.742	1.757	1.764
Switzerland	1.451	1.227	0.724	1.227	1.227	1.227	1.227	1.227	1.227	1.227	1.227	1.227
Korea	1.412	2.108	1.909	1.786	1.819	1.838	1.779	1.812	1.835	1.772	1.806	1.831
Australia	1.358	1.396	1.537	1.369	1.371	1.373	1.370	1.372	1.374	1.370	1.373	1.375
Venezuela	1.115	0.484	0.518	0.752	0.691	0.644	0.762	0.703	0.657	0.772	0.715	0.671
Sweden	1.005	0.942	0.743	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942
Argentina	0.888	0.597	0.669	0.648	0.608	0.597	0.661	0.623	0.597	0.674	0.638	0.610
Austria	0.887	0.836	0.650	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836
Indonesia	0.872	0.902	1.053	0.941	0.943	0.943	0.936	0.938	0.938	0.930	0.932	0.932
Denmark	0.793	0.731	0.508	0.731	0.731	0.731	0.731	0.731	0.731	0.731	0.731	0.731
Norway	0.790	0.812	0.631	0.797	0.798	0.799	0.797	0.798	0.799	0.797	0.799	0.800
South Africa	0.784	0.578	0.640	0.584	0.578	0.578	0.596	0.578	0.578	0.609	0.580	0.578
Malaysia	0.744	0.792	0.471	0.770	0.772	0.774	0.769	0.772	0.773	0.769	0.771	0.773
Nigeria	0.735	0.477	0.410	0.735	0.735	0.735	0.735	0.735	0.735	0.735	0.735	0.735
Poland	0.708	0.949	0.911	0.838	0.849	0.856	0.835	0.847	0.854	0.833	0.844	0.853
Iran	0.628	0.658	0.842	0.708	0.711	0.710	0.701	0.704	0.704	0.695	0.697	0.697
Turkey	0.611	1.148	1.296	0.951	0.977	0.991	0.941	0.967	0.984	0.930	0.957	0.975
Thailand	0.604	0.789	0.636	0.704	0.712	0.718	0.702	0.711	0.717	0.700	0.709	0.716
Singapore	0.591	1.195	0.356	0.915	0.943	0.961	0.909	0.938	0.958	0.903	0.933	0.954
Kuwait	0.579	0.315	0.242	0.405	0.376	0.354	0.412	0.384	0.362	0.419	0.392	0.371

**Table A1. Simulation 1: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; Full CQS Protection; PRGT-eligible**  
**-- by Member (continued) 1/**  
**(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Ukraine	0.576	0.422	0.393	0.428	0.422	0.422	0.437	0.422	0.422	0.446	0.425	0.422
Finland	0.530	0.513	0.421	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513
Ireland	0.528	1.077	0.428	0.688	0.722	0.751	0.698	0.733	0.763	0.708	0.744	0.774
Algeria	0.526	0.411	0.323	0.411	0.411	0.411	0.411	0.411	0.411	0.415	0.411	0.411
Iraq	0.499	0.267	0.162	0.348	0.323	0.303	0.353	0.329	0.311	0.359	0.336	0.318
Libya	0.471	0.252	0.150	0.329	0.305	0.287	0.334	0.311	0.294	0.340	0.318	0.301
Greece	0.462	0.572	0.586	0.494	0.501	0.507	0.496	0.503	0.509	0.498	0.505	0.511
Israel	0.445	0.408	0.343	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408
Hungary	0.436	0.407	0.300	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407
Pakistan	0.434	0.342	0.449	0.421	0.418	0.414	0.419	0.415	0.411	0.416	0.412	0.408
Romania	0.432	0.380	0.369	0.380	0.380	0.380	0.380	0.380	0.380	0.380	0.380	0.380
Portugal	0.432	0.448	0.426	0.437	0.438	0.439	0.437	0.438	0.439	0.437	0.438	0.439
Philippines	0.428	0.430	0.379	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429
Czech Republic	0.420	0.519	0.387	0.473	0.478	0.481	0.472	0.477	0.480	0.471	0.476	0.480
Egypt	0.396	0.404	0.452	0.417	0.417	0.417	0.415	0.416	0.416	0.413	0.414	0.414
New Zealand	0.375	0.262	0.232	0.276	0.262	0.262	0.282	0.266	0.262	0.287	0.273	0.262
Chile	0.359	0.377	0.356	0.369	0.370	0.370	0.369	0.369	0.370	0.368	0.369	0.370
Colombia	0.325	0.381	0.500	0.396	0.400	0.400	0.392	0.395	0.396	0.387	0.390	0.391
United Arab Emirates	0.316	0.767	0.381	0.558	0.579	0.592	0.553	0.575	0.590	0.549	0.571	0.587
Bulgaria	0.269	0.164	0.116	0.192	0.179	0.170	0.196	0.184	0.174	0.199	0.188	0.179
Peru	0.268	0.270	0.290	0.276	0.276	0.276	0.275	0.275	0.275	0.274	0.275	0.275
Morocco	0.247	0.185	0.188	0.185	0.185	0.185	0.189	0.185	0.185	0.193	0.185	0.185
Bangladesh	0.224	0.169	0.238	0.224	0.224	0.224	0.224	0.224	0.224	0.224	0.224	0.224
Congo, Dem. Republic of	0.224	0.035	0.029	0.224	0.224	0.224	0.224	0.224	0.224	0.224	0.224	0.224
Zambia	0.205	0.039	0.030	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205
Serbia	0.196	0.129	0.107	0.143	0.134	0.129	0.145	0.137	0.130	0.148	0.140	0.134
Vietnam	0.193	0.303	0.248	0.252	0.257	0.260	0.251	0.256	0.260	0.250	0.255	0.259
Kazakhstan	0.179	0.328	0.250	0.259	0.266	0.270	0.258	0.265	0.270	0.256	0.263	0.269
Slovak Republic	0.179	0.261	0.174	0.223	0.227	0.229	0.222	0.226	0.229	0.222	0.226	0.228
Luxembourg	0.176	0.503	0.093	0.271	0.292	0.309	0.277	0.298	0.316	0.283	0.304	0.322
Sri Lanka	0.173	0.089	0.107	0.120	0.111	0.104	0.122	0.114	0.107	0.124	0.116	0.109
Belarus	0.162	0.143	0.139	0.143	0.143	0.143	0.143	0.143	0.143	0.143	0.143	0.143
Ghana	0.155	0.050	0.045	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155
Croatia	0.153	0.150	0.133	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
Zimbabwe	0.148	0.016	0.011	0.088	0.078	0.071	0.089	0.079	0.071	0.089	0.079	0.072



**Table A1. Simulation 1: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; Full CQS Protection; PRGT-eligible**  
**-- by Member (continued) 1/**  
**(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Ecuador	0.146	0.147	0.135	0.147	0.147	0.147	0.147	0.147	0.147	0.146	0.147	0.147
Syrian Arab Republic	0.145	0.208	0.293	0.209	0.212	0.213	0.205	0.209	0.210	0.202	0.205	0.207
Trinidad and Tobago	0.141	0.064	0.049	0.095	0.088	0.082	0.097	0.090	0.084	0.098	0.091	0.086
Cote d'Ivoire	0.136	0.056	0.054	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136
Sudan	0.132	0.089	0.117	0.132	0.132	0.132	0.132	0.132	0.132	0.132	0.132	0.132
Uruguay	0.129	0.077	0.062	0.092	0.085	0.081	0.093	0.087	0.083	0.095	0.089	0.085
Qatar	0.127	0.194	0.156	0.163	0.166	0.168	0.163	0.166	0.168	0.162	0.165	0.168
Tunisia	0.120	0.114	0.103	0.114	0.114	0.114	0.114	0.114	0.114	0.114	0.114	0.114
Angola	0.120	0.214	0.142	0.170	0.175	0.177	0.170	0.174	0.177	0.169	0.173	0.176
Uzbekistan	0.116	0.071	0.078	0.116	0.116	0.116	0.116	0.116	0.116	0.116	0.116	0.116
Slovenia	0.115	0.136	0.102	0.126	0.127	0.128	0.126	0.127	0.128	0.126	0.127	0.128
Jamaica	0.115	0.047	0.036	0.077	0.070	0.065	0.078	0.072	0.067	0.079	0.073	0.068
Kenya	0.114	0.076	0.078	0.114	0.114	0.114	0.114	0.114	0.114	0.114	0.114	0.114
Lebanon	0.112	0.168	0.068	0.142	0.145	0.146	0.141	0.144	0.146	0.141	0.144	0.146
Myanmar	0.108	0.057	0.072	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108
Yemen, Republic of	0.102	0.100	0.072	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102
Oman	0.099	0.139	0.106	0.121	0.122	0.124	0.120	0.122	0.123	0.120	0.122	0.123
Dominican Republic	0.092	0.097	0.105	0.098	0.098	0.098	0.097	0.098	0.098	0.097	0.097	0.097
Brunei Darussalam	0.090	0.042	0.027	0.062	0.057	0.053	0.062	0.058	0.054	0.063	0.059	0.055
Guatemala	0.088	0.086	0.092	0.089	0.089	0.089	0.089	0.089	0.089	0.089	0.089	0.089
Panama	0.087	0.079	0.053	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079
Tanzania	0.083	0.046	0.058	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083
Costa Rica	0.078	0.077	0.069	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077
Cameroon	0.078	0.058	0.058	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078
Lithuania	0.077	0.111	0.095	0.095	0.097	0.098	0.095	0.097	0.098	0.095	0.096	0.097
Uganda	0.076	0.055	0.044	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076
Bahrain	0.074	0.098	0.045	0.087	0.088	0.088	0.086	0.088	0.088	0.086	0.087	0.088
Bolivia	0.072	0.047	0.050	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072
El Salvador	0.072	0.060	0.059	0.060	0.060	0.060	0.060	0.060	0.060	0.060	0.060	0.060
Jordan	0.072	0.073	0.047	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072
Bosnia-Herzegovina	0.071	0.056	0.042	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056
Islamic Republic of Afghanistan	0.068	0.041	0.029	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.068
Senegal	0.068	0.032	0.033	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.068
Azerbaijan	0.067	0.086	0.089	0.078	0.079	0.080	0.078	0.079	0.080	0.078	0.079	0.079
Cyprus	0.066	0.065	0.046	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065

**Table A1. Simulation 1: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; Full CQS Protection; PRGT-eligible**  
**-- by Member (continued) 1/**  
**(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Gabon	0.065	0.040	0.033	0.046	0.043	0.041	0.047	0.044	0.042	0.048	0.045	0.043
Georgia	0.063	0.030	0.030	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063
Latvia	0.060	0.086	0.066	0.074	0.075	0.076	0.074	0.075	0.076	0.074	0.075	0.076
Namibia	0.057	0.023	0.021	0.038	0.035	0.032	0.039	0.035	0.033	0.039	0.036	0.034
Ethiopia	0.056	0.054	0.070	0.060	0.060	0.060	0.060	0.060	0.060	0.059	0.059	0.059
Papua New Guinea	0.055	0.030	0.020	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055
Bahamas, The	0.055	0.022	0.018	0.036	0.033	0.031	0.037	0.034	0.032	0.037	0.035	0.032
Nicaragua	0.055	0.026	0.021	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055
Honduras	0.054	0.052	0.041	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054
Liberia	0.054	0.013	0.002	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054
Moldova	0.052	0.021	0.015	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052
Madagascar	0.051	0.026	0.025	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051
Iceland	0.049	0.100	0.034	0.064	0.067	0.070	0.065	0.068	0.071	0.066	0.069	0.072
Mozambique	0.048	0.031	0.025	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048
Guinea	0.045	0.014	0.013	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045
Sierra Leone	0.044	0.006	0.006	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044
Malta	0.043	0.035	0.018	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035
Mauritius	0.043	0.027	0.022	0.031	0.029	0.027	0.031	0.029	0.028	0.032	0.030	0.029
Paraguay	0.042	0.043	0.039	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042
Turkmenistan	0.041	0.062	0.051	0.053	0.054	0.054	0.052	0.053	0.054	0.052	0.053	0.054
Estonia	0.039	0.071	0.049	0.056	0.058	0.058	0.056	0.057	0.058	0.056	0.057	0.058
Mali	0.039	0.032	0.022	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039
Suriname	0.039	0.010	0.006	0.025	0.022	0.020	0.025	0.022	0.021	0.025	0.023	0.021
Armenia	0.039	0.025	0.026	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039
Guyana	0.038	0.007	0.004	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038
Kyrgyz Republic	0.037	0.017	0.014	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037
Botswana	0.037	0.049	0.036	0.043	0.044	0.044	0.043	0.044	0.044	0.043	0.044	0.044
Cambodia	0.037	0.034	0.033	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037
Tajikistan	0.036	0.019	0.015	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036
Congo, Republic of	0.035	0.034	0.024	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035
Haiti	0.034	0.016	0.018	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034
Somalia	0.034	0.002	0.002	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034
Rwanda	0.034	0.011	0.013	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034
Burundi	0.032	0.003	0.004	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032
Togo	0.031	0.010	0.008	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031

**Table A1. Simulation 1: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; Full CQS Protection; PRGT-eligible**  
**-- by Member (continued) 1/**  
**(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Nepal	0.030	0.032	0.035	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032
Fiji	0.029	0.012	0.008	0.020	0.018	0.017	0.020	0.018	0.017	0.020	0.019	0.017
Malawi	0.029	0.029	0.013	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029
Macedonia, FYR	0.029	0.030	0.025	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030
Barbados	0.028	0.013	0.009	0.019	0.018	0.017	0.020	0.018	0.017	0.020	0.019	0.017
Chad	0.028	0.032	0.024	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030
Niger	0.028	0.013	0.014	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028
Mauritania	0.027	0.011	0.009	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027
Benin	0.026	0.023	0.018	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026
Burkina Faso	0.025	0.019	0.024	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025
Albania	0.025	0.031	0.031	0.028	0.028	0.029	0.028	0.028	0.029	0.028	0.028	0.029
Kosovo	0.025	0.016	0.015	0.018	0.017	0.016	0.018	0.017	0.016	0.019	0.018	0.017
Central African Republic	0.023	0.006	0.005	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023
Lao, People's Dem. Republic	0.022	0.014	0.016	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022
Equatorial Guinea	0.022	0.052	0.030	0.038	0.039	0.040	0.038	0.039	0.040	0.037	0.039	0.040
Mongolia	0.021	0.015	0.013	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021
Swaziland	0.021	0.016	0.009	0.016	0.016	0.016	0.016	0.016	0.016	0.017	0.016	0.016
Lesotho	0.015	0.010	0.005	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
Gambia, The	0.013	0.003	0.003	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
Montenegro	0.012	0.015	0.011	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
San Marino	0.009	0.012	0.005	0.010	0.010	0.011	0.010	0.010	0.011	0.010	0.011	0.011
Belize	0.008	0.006	0.004	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Eritrea	0.008	0.006	0.005	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Vanuatu	0.007	0.002	0.002	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
Djibouti	0.007	0.004	0.003	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
St. Lucia	0.006	0.004	0.003	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Guinea-Bissau	0.006	0.002	0.001	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Antigua and Barbuda	0.006	0.004	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Grenada	0.005	0.003	0.002	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Samoa	0.005	0.003	0.002	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Cape Verde	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Seychelles	0.005	0.005	0.003	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Timor Leste	0.005	0.007	0.003	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Solomon Islands	0.004	0.003	0.002	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Maldives	0.004	0.005	0.003	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005

**Table A1. Simulation 1: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; Full CQS Protection; PRGT-eligible  
-- by Member (concluded) 1/  
(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Comoros	0.0037	0.0019	0.0014	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037
St. Kitts and Nevis	0.0037	0.0022	0.0015	0.0026	0.0025	0.0023	0.0027	0.0025	0.0024	0.0027	0.0026	0.0024
Bhutan	0.0036	0.0050	0.0044	0.0043	0.0044	0.0044	0.0043	0.0044	0.0044	0.0043	0.0044	0.0044
St. Vincent and the Grenadines	0.0035	0.0024	0.0018	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035
Dominica	0.0034	0.0017	0.0012	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034
Sao Tome and Principe	0.0031	0.0016	0.0005	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031
Tonga	0.0029	0.0013	0.0009	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029
Kiribati	0.0023	0.0018	0.0008	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Micronesia, Fed. States of	0.0021	0.0014	0.0011	0.0016	0.0015	0.0014	0.0016	0.0015	0.0014	0.0016	0.0015	0.0015
Marshall Islands	0.0015	0.0010	0.0007	0.0011	0.0010	0.0010	0.0011	0.0010	0.0010	0.0011	0.0011	0.0010
Palau, Republic of	0.0015	0.0010	0.0007	0.0011	0.0010	0.0010	0.0011	0.0010	0.0010	0.0011	0.0011	0.0010
Tuvalu	0.0008	0.0004	0.0001	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0006	0.0005	0.0005

Source: Finance Department.

1/ The simulations assume a 75, 100, and 125 percent increase of post second round quotas. The ad hoc increase is distributed to all countries that are under-represented with respect to the formula or with respect to the GDP blend (see footnote 3). Eligible EMDCs receive a uniform reduction in out-of-lineness based on the formula (for those EMDCs under-represented under the formula only), or the GDP-blend (for those EMDCs under-represented under the GDP blend only), or the greater of the two (for those EMDCs that qualify under both criteria). Eligible advanced countries are capped at their post second round or post-selective quota share, whichever is greater. Over-represented countries which would become under-represented as a result of the overall quota increase are protected at their calculated quota share. PRGT-eligible countries receive at least their post second round quota share.

2/ Includes ad hoc increases for 54 eligible members that are not yet effective; also includes Kosovo and Tuvalu which became members on June 29, 2009 and June 24, 2010, respectively. For the two countries that have not yet consented to, and paid for, their quota increases, 11th Review proposed quotas are used.

3/ GDP blended using 60 percent market and 40 percent PPP exchange rates, compressed using a factor of 0.95.

4/ The overall increase is distributed to members on an equiproportional, selective and ad hoc basis in the proportion of x/y/z, respectively.

5/ Includes China, P.R., Hong Kong SAR, and Macao SAR.

**Table A2. Simulation 2: Ad hoc Increase Allocated Based on the GDP Blend; Full CQS Protection; PRGT-eligible -- by Member 1/  
(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
United States	17.670	16.987	21.645	17.670	17.670	17.670	17.670	17.670	17.670	17.670	17.670	17.670
Japan	6.556	6.493	7.282	6.556	6.556	6.556	6.556	6.556	6.556	6.556	6.556	6.556
Germany	6.110	5.678	5.201	5.678	5.678	5.678	5.678	5.678	5.678	5.678	5.678	5.678
France	4.505	3.789	4.036	3.789	3.789	3.789	3.789	3.789	3.789	3.789	3.789	3.789
United Kingdom	4.505	4.663	4.151	4.551	4.561	4.569	4.554	4.564	4.572	4.556	4.567	4.575
China 5/	3.996	7.917	8.128	6.463	6.630	6.712	6.384	6.555	6.658	6.305	6.480	6.595
Italy	3.306	2.992	3.379	3.287	3.278	3.267	3.277	3.266	3.255	3.266	3.254	3.241
Saudi Arabia	2.930	1.337	0.842	1.990	1.833	1.711	2.018	1.866	1.748	2.047	1.900	1.785
Canada	2.672	2.303	2.345	2.303	2.303	2.303	2.303	2.303	2.303	2.303	2.303	2.303
Russia	2.494	2.938	2.746	2.678	2.694	2.706	2.678	2.695	2.709	2.678	2.697	2.712
India	2.442	2.403	3.027	2.695	2.700	2.692	2.670	2.673	2.666	2.644	2.645	2.638
Netherlands	2.166	1.857	1.308	1.857	1.857	1.857	1.857	1.857	1.857	1.857	1.857	1.857
Belgium	1.932	1.324	0.784	1.416	1.330	1.324	1.444	1.363	1.324	1.473	1.396	1.337
Brazil	1.783	2.153	2.654	2.228	2.249	2.251	2.201	2.221	2.227	2.174	2.192	2.199
Spain	1.688	2.236	2.422	1.848	1.882	1.911	1.858	1.894	1.923	1.868	1.904	1.934
Mexico	1.521	1.793	2.080	1.813	1.827	1.830	1.796	1.810	1.815	1.779	1.792	1.798
Switzerland	1.451	1.227	0.724	1.227	1.227	1.227	1.227	1.227	1.227	1.227	1.227	1.227
Korea	1.412	2.108	1.909	1.745	1.772	1.790	1.741	1.770	1.790	1.737	1.767	1.790
Australia	1.358	1.396	1.537	1.369	1.371	1.373	1.370	1.372	1.374	1.370	1.373	1.375
Venezuela	1.115	0.484	0.518	0.752	0.691	0.644	0.762	0.703	0.657	0.772	0.715	0.671
Sweden	1.005	0.942	0.743	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942
Argentina	0.888	0.597	0.669	0.648	0.608	0.597	0.661	0.623	0.597	0.674	0.638	0.610
Austria	0.887	0.836	0.650	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836
Indonesia	0.872	0.902	1.053	0.957	0.960	0.959	0.951	0.953	0.952	0.944	0.945	0.945
Denmark	0.793	0.731	0.508	0.731	0.731	0.731	0.731	0.731	0.731	0.731	0.731	0.731
Norway	0.790	0.812	0.631	0.797	0.798	0.799	0.797	0.798	0.799	0.797	0.799	0.800
South Africa	0.784	0.578	0.640	0.584	0.578	0.578	0.596	0.578	0.578	0.609	0.580	0.578
Malaysia	0.744	0.792	0.471	0.758	0.761	0.764	0.759	0.762	0.765	0.760	0.763	0.766
Nigeria	0.735	0.477	0.410	0.735	0.735	0.735	0.735	0.735	0.735	0.735	0.735	0.735
Poland	0.708	0.949	0.911	0.837	0.847	0.852	0.834	0.844	0.851	0.832	0.842	0.850
Iran	0.628	0.658	0.842	0.727	0.731	0.729	0.719	0.722	0.721	0.711	0.713	0.712
Turkey	0.611	1.148	1.296	1.001	1.025	1.035	0.986	1.010	1.023	0.970	0.994	1.009
Thailand	0.604	0.789	0.636	0.658	0.670	0.680	0.662	0.674	0.684	0.665	0.677	0.687
Singapore	0.591	1.195	0.356	0.767	0.805	0.837	0.778	0.817	0.850	0.789	0.829	0.861
Kuwait	0.579	0.315	0.242	0.405	0.376	0.354	0.412	0.384	0.362	0.419	0.392	0.371

**Table A2. Simulation 2: Ad hoc Increase Allocated Based on the GDP Blend; Full CQS Protection; PRGT-eligible -- by Member (continued) 1/  
(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Ukraine	0.576	0.422	0.393	0.428	0.422	0.422	0.437	0.422	0.422	0.446	0.425	0.422
Finland	0.530	0.513	0.421	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513
Ireland	0.528	1.077	0.428	0.688	0.722	0.751	0.698	0.733	0.763	0.708	0.744	0.774
Algeria	0.526	0.411	0.323	0.411	0.411	0.411	0.411	0.411	0.411	0.415	0.411	0.411
Iraq	0.499	0.267	0.162	0.348	0.323	0.303	0.353	0.329	0.311	0.359	0.336	0.318
Libya	0.471	0.252	0.150	0.329	0.305	0.287	0.334	0.311	0.294	0.340	0.318	0.301
Greece	0.462	0.572	0.586	0.494	0.501	0.507	0.496	0.503	0.509	0.498	0.505	0.511
Israel	0.445	0.408	0.343	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408
Hungary	0.436	0.407	0.300	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407
Pakistan	0.434	0.342	0.449	0.425	0.423	0.419	0.423	0.420	0.416	0.420	0.416	0.412
Romania	0.432	0.380	0.369	0.380	0.380	0.380	0.380	0.380	0.380	0.380	0.380	0.380
Portugal	0.432	0.448	0.426	0.437	0.438	0.439	0.437	0.438	0.439	0.437	0.438	0.439
Philippines	0.428	0.430	0.379	0.428	0.428	0.429	0.428	0.428	0.429	0.428	0.429	0.429
Czech Republic	0.420	0.519	0.387	0.449	0.455	0.460	0.451	0.457	0.463	0.453	0.459	0.464
Egypt	0.396	0.404	0.452	0.422	0.423	0.422	0.420	0.420	0.420	0.418	0.418	0.418
New Zealand	0.375	0.262	0.232	0.276	0.262	0.262	0.282	0.266	0.262	0.287	0.273	0.262
Chile	0.359	0.377	0.356	0.364	0.365	0.366	0.365	0.366	0.367	0.365	0.366	0.367
Colombia	0.325	0.381	0.500	0.411	0.415	0.415	0.405	0.409	0.409	0.399	0.402	0.403
United Arab Emirates	0.316	0.767	0.381	0.447	0.476	0.499	0.456	0.485	0.509	0.463	0.493	0.518
Bulgaria	0.269	0.164	0.116	0.192	0.179	0.170	0.196	0.184	0.174	0.199	0.188	0.179
Peru	0.268	0.270	0.290	0.278	0.278	0.278	0.277	0.277	0.277	0.276	0.276	0.276
Morocco	0.247	0.185	0.188	0.185	0.185	0.185	0.189	0.185	0.185	0.193	0.185	0.185
Bangladesh	0.224	0.169	0.238	0.224	0.224	0.224	0.224	0.224	0.224	0.224	0.224	0.224
Congo, Dem. Republic of	0.224	0.035	0.029	0.224	0.224	0.224	0.224	0.224	0.224	0.224	0.224	0.224
Zambia	0.205	0.039	0.030	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205
Serbia	0.196	0.129	0.107	0.143	0.134	0.129	0.145	0.137	0.130	0.148	0.140	0.134
Vietnam	0.193	0.303	0.248	0.235	0.239	0.242	0.236	0.240	0.243	0.236	0.241	0.244
Kazakhstan	0.179	0.328	0.250	0.235	0.240	0.244	0.235	0.241	0.246	0.236	0.242	0.247
Slovak Republic	0.179	0.261	0.174	0.203	0.208	0.213	0.205	0.210	0.214	0.206	0.212	0.216
Luxembourg	0.176	0.503	0.093	0.271	0.292	0.309	0.277	0.298	0.316	0.283	0.304	0.322
Sri Lanka	0.173	0.089	0.107	0.120	0.111	0.104	0.122	0.114	0.107	0.124	0.116	0.109
Belarus	0.162	0.143	0.139	0.143	0.143	0.143	0.143	0.143	0.143	0.143	0.143	0.143
Ghana	0.155	0.050	0.045	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155
Croatia	0.153	0.150	0.133	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
Zimbabwe	0.148	0.016	0.011	0.088	0.078	0.071	0.089	0.079	0.071	0.089	0.079	0.072

**Table A2. Simulation 2: Ad hoc Increase Allocated Based on the GDP Blend; Full CQS Protection; PRGT-eligible -- by Member (continued) 1/**  
(In percent)

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Ecuador	0.146	0.147	0.135	0.146	0.146	0.146	0.146	0.146	0.146	0.146	0.146	0.146
Syrian Arab Republic	0.145	0.208	0.293	0.221	0.225	0.225	0.216	0.220	0.221	0.212	0.215	0.216
Trinidad and Tobago	0.141	0.064	0.049	0.095	0.088	0.082	0.097	0.090	0.084	0.098	0.091	0.086
Cote d'Ivoire	0.136	0.056	0.054	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136
Sudan	0.132	0.089	0.117	0.132	0.132	0.132	0.132	0.132	0.132	0.132	0.132	0.132
Uruguay	0.129	0.077	0.062	0.092	0.085	0.081	0.093	0.087	0.083	0.095	0.089	0.085
Qatar	0.127	0.194	0.156	0.151	0.153	0.155	0.151	0.154	0.156	0.152	0.154	0.157
Tunisia	0.120	0.114	0.103	0.114	0.114	0.114	0.114	0.114	0.114	0.114	0.114	0.114
Angola	0.120	0.214	0.142	0.147	0.153	0.158	0.149	0.155	0.160	0.151	0.157	0.162
Uzbekistan	0.116	0.071	0.078	0.116	0.116	0.116	0.116	0.116	0.116	0.116	0.116	0.116
Slovenia	0.115	0.136	0.102	0.121	0.123	0.124	0.122	0.123	0.124	0.122	0.123	0.124
Jamaica	0.115	0.047	0.036	0.077	0.070	0.065	0.078	0.072	0.067	0.079	0.073	0.068
Kenya	0.114	0.076	0.078	0.114	0.114	0.114	0.114	0.114	0.114	0.114	0.114	0.114
Lebanon	0.112	0.168	0.068	0.128	0.132	0.135	0.129	0.133	0.136	0.130	0.134	0.137
Myanmar	0.108	0.057	0.072	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108
Yemen, Republic of	0.102	0.100	0.072	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102
Oman	0.099	0.139	0.106	0.111	0.113	0.115	0.112	0.114	0.116	0.112	0.115	0.117
Dominican Republic	0.092	0.097	0.105	0.099	0.099	0.099	0.098	0.099	0.099	0.098	0.098	0.098
Brunei Darussalam	0.090	0.042	0.027	0.062	0.057	0.053	0.062	0.058	0.054	0.063	0.059	0.055
Guatemala	0.088	0.086	0.092	0.090	0.090	0.089	0.089	0.089	0.089	0.089	0.089	0.089
Panama	0.087	0.079	0.053	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079
Tanzania	0.083	0.046	0.058	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083
Costa Rica	0.078	0.077	0.069	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077
Cameroon	0.078	0.058	0.058	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078
Lithuania	0.077	0.111	0.095	0.091	0.092	0.093	0.091	0.092	0.093	0.091	0.092	0.093
Uganda	0.076	0.055	0.044	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076
Bahrain	0.074	0.098	0.045	0.081	0.082	0.084	0.081	0.083	0.084	0.082	0.083	0.085
Bolivia	0.072	0.047	0.050	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072
El Salvador	0.072	0.060	0.059	0.060	0.060	0.060	0.060	0.060	0.060	0.060	0.060	0.060
Jordan	0.072	0.073	0.047	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072
Bosnia-Herzegovina	0.071	0.056	0.042	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056
Islamic Republic of Afghanistan	0.068	0.041	0.029	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.068
Senegal	0.068	0.032	0.033	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.068
Azerbaijan	0.067	0.086	0.089	0.080	0.081	0.081	0.079	0.080	0.081	0.079	0.080	0.080
Cyprus	0.066	0.065	0.046	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065

**Table A2. Simulation 2: Ad hoc Increase Allocated Based on the GDP Blend; Full CQS Protection; PRGT-eligible -- by Member (continued) 1/  
(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Gabon	0.065	0.040	0.033	0.046	0.043	0.041	0.047	0.044	0.042	0.048	0.045	0.043
Georgia	0.063	0.030	0.030	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063
Latvia	0.060	0.086	0.066	0.067	0.069	0.071	0.068	0.070	0.071	0.068	0.070	0.072
Namibia	0.057	0.023	0.021	0.038	0.035	0.032	0.039	0.035	0.033	0.039	0.036	0.034
Ethiopia	0.056	0.054	0.070	0.062	0.062	0.062	0.061	0.061	0.061	0.061	0.060	0.060
Papua New Guinea	0.055	0.030	0.020	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055
Bahamas, The	0.055	0.022	0.018	0.036	0.033	0.031	0.037	0.034	0.032	0.037	0.035	0.032
Nicaragua	0.055	0.026	0.021	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055
Honduras	0.054	0.052	0.041	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054
Liberia	0.054	0.013	0.002	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054
Moldova	0.052	0.021	0.015	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052
Madagascar	0.051	0.026	0.025	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051
Iceland	0.049	0.100	0.034	0.064	0.067	0.070	0.065	0.068	0.071	0.066	0.069	0.072
Mozambique	0.048	0.031	0.025	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048
Guinea	0.045	0.014	0.013	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045
Sierra Leone	0.044	0.006	0.006	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044
Malta	0.043	0.035	0.018	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035
Mauritius	0.043	0.027	0.022	0.031	0.029	0.027	0.031	0.029	0.028	0.032	0.030	0.029
Paraguay	0.042	0.043	0.039	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042
Turkmenistan	0.041	0.062	0.051	0.049	0.050	0.050	0.049	0.050	0.050	0.049	0.050	0.051
Estonia	0.039	0.071	0.049	0.049	0.050	0.052	0.049	0.051	0.053	0.050	0.052	0.053
Mali	0.039	0.032	0.022	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039
Suriname	0.039	0.010	0.006	0.025	0.022	0.020	0.025	0.022	0.021	0.025	0.023	0.021
Armenia	0.039	0.025	0.026	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039
Guyana	0.038	0.007	0.004	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038
Kyrgyz Republic	0.037	0.017	0.014	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037
Botswana	0.037	0.049	0.036	0.040	0.041	0.042	0.041	0.041	0.042	0.041	0.042	0.042
Cambodia	0.037	0.034	0.033	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037
Tajikistan	0.036	0.019	0.015	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036
Congo, Republic of	0.035	0.034	0.024	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035
Haiti	0.034	0.016	0.018	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034
Somalia	0.034	0.002	0.002	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034
Rwanda	0.034	0.011	0.013	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034
Burundi	0.032	0.003	0.004	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032
Togo	0.031	0.010	0.008	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031



**Table A2. Simulation 2: Ad hoc Increase Allocated Based on the GDP Blend; Full CQS Protection; PRGT-eligible -- by Member (continued) 1/**  
(In percent)

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Nepal	0.030	0.032	0.035	0.032	0.033	0.033	0.032	0.032	0.032	0.032	0.032	0.032
Fiji	0.029	0.012	0.008	0.020	0.018	0.017	0.020	0.018	0.017	0.020	0.019	0.017
Malawi	0.029	0.029	0.013	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029
Macedonia, FYR	0.029	0.030	0.025	0.029	0.029	0.029	0.029	0.029	0.030	0.029	0.029	0.030
Barbados	0.028	0.013	0.009	0.019	0.018	0.017	0.020	0.018	0.017	0.020	0.019	0.017
Chad	0.028	0.032	0.024	0.029	0.029	0.030	0.029	0.029	0.030	0.029	0.029	0.030
Niger	0.028	0.013	0.014	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028
Mauritania	0.027	0.011	0.009	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027
Benin	0.026	0.023	0.018	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026
Burkina Faso	0.025	0.019	0.024	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025
Albania	0.025	0.031	0.031	0.029	0.029	0.029	0.028	0.029	0.029	0.028	0.029	0.029
Kosovo	0.025	0.016	0.015	0.018	0.017	0.016	0.018	0.017	0.016	0.019	0.018	0.017
Central African Republic	0.023	0.006	0.005	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023
Lao, People's Dem. Republic	0.022	0.014	0.016	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022
Equatorial Guinea	0.022	0.052	0.030	0.031	0.032	0.034	0.031	0.033	0.035	0.032	0.034	0.035
Mongolia	0.021	0.015	0.013	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021
Swaziland	0.021	0.016	0.009	0.016	0.016	0.016	0.016	0.016	0.016	0.017	0.016	0.016
Lesotho	0.015	0.010	0.005	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
Gambia, The	0.013	0.003	0.003	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
Montenegro	0.012	0.015	0.011	0.012	0.013	0.013	0.012	0.013	0.013	0.013	0.013	0.013
San Marino	0.009	0.012	0.005	0.010	0.010	0.011	0.010	0.010	0.011	0.010	0.011	0.011
Belize	0.008	0.006	0.004	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Eritrea	0.008	0.006	0.005	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Vanuatu	0.007	0.002	0.002	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
Djibouti	0.007	0.004	0.003	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
St. Lucia	0.006	0.004	0.003	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Guinea-Bissau	0.006	0.002	0.001	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Antigua and Barbuda	0.006	0.004	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Grenada	0.005	0.003	0.002	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Samoa	0.005	0.003	0.002	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Cape Verde	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Seychelles	0.005	0.005	0.003	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Timor Leste	0.005	0.007	0.003	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.006
Solomon Islands	0.004	0.003	0.002	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Maldives	0.004	0.005	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.005

**Table A2. Simulation 2: Ad hoc Increase Allocated Based on the GDP Blend; Full CQS Protection; PRGT-eligible -- by Member (concluded) 1/**  
(In percent)

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Comoros	0.0037	0.0019	0.0014	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037
St. Kitts and Nevis	0.0037	0.0022	0.0015	0.0026	0.0025	0.0023	0.0027	0.0025	0.0024	0.0027	0.0026	0.0024
Bhutan	0.0036	0.0050	0.0044	0.0042	0.0042	0.0043	0.0042	0.0042	0.0043	0.0042	0.0042	0.0043
St. Vincent and the Grenadines	0.0035	0.0024	0.0018	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035
Dominica	0.0034	0.0017	0.0012	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034
Sao Tome and Principe	0.0031	0.0016	0.0005	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031
Tonga	0.0029	0.0013	0.0009	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029
Kiribati	0.0023	0.0018	0.0008	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Micronesia, Fed. States of	0.0021	0.0014	0.0011	0.0016	0.0015	0.0014	0.0016	0.0015	0.0014	0.0016	0.0015	0.0015
Marshall Islands	0.0015	0.0010	0.0007	0.0011	0.0010	0.0010	0.0011	0.0010	0.0010	0.0011	0.0011	0.0010
Palau, Republic of	0.0015	0.0010	0.0007	0.0011	0.0010	0.0010	0.0011	0.0010	0.0010	0.0011	0.0011	0.0010
Tuvalu	0.0008	0.0004	0.0001	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0006	0.0005	0.0005

Source: Finance Department.

1/ The simulations assume a 75, 100, and 125 percent increase of post second round quotas. The ad hoc increase is distributed to all countries that are under-represented with respect to the GDP blend (see footnote 3). Eligible EMDCs receive a uniform reduction in out-of-lineness based on the GDP-blend. Eligible advanced countries are capped at their post second round or post-selective quota share, whichever is greater. Over-represented countries which would become under-represented as a result of the overall quota increase are protected at their calculated quota share. PRGT-eligible countries receive at least their post second round quota share. The quota shares of EMDCs and advanced economies that are under-represented under the formula but not eligible for the ad hoc are protected at their post-selective quota share.

2/ Includes ad hoc increases for 54 eligible members that are not yet effective; also includes Kosovo and Tuvalu which became members on June 29, 2009 and June 24, 2010, respectively. For the two countries that have not yet consented to, and paid for, their quota increases, 11th Review proposed quotas are used.

3/ GDP blended using 60 percent market and 40 percent PPP exchange rates, compressed using a factor of 0.95.

4/ The overall increase is distributed to members on an equiproportional, selective and ad hoc basis in the proportion of x/y/z, respectively.

5/ Includes China, P.R., Hong Kong SAR, and Macao SAR.

**Table A3. Simulation 3: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; 95 Percent CQS Protection; PRGT-eligible -- by Member 1/  
(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
United States	17.670	16.987	21.645	17.670	17.670	17.670	17.670	17.670	17.670	17.670	17.670	17.670
Japan	6.556	6.493	7.282	6.556	6.556	6.556	6.556	6.556	6.556	6.556	6.556	6.556
Germany	6.110	5.678	5.201	5.408	5.408	5.408	5.408	5.408	5.408	5.408	5.408	5.408
France	4.505	3.789	4.036	3.608	3.608	3.608	3.608	3.608	3.608	3.630	3.608	3.608
United Kingdom	4.505	4.663	4.151	4.551	4.561	4.569	4.554	4.564	4.572	4.556	4.567	4.575
China 5/	3.996	7.917	8.128	6.498	6.695	6.828	6.446	6.641	6.780	6.387	6.586	6.730
Italy	3.306	2.992	3.379	3.289	3.283	3.276	3.281	3.273	3.265	3.272	3.262	3.253
Saudi Arabia	2.930	1.337	0.842	1.990	1.833	1.711	2.018	1.866	1.748	2.047	1.900	1.785
Canada	2.672	2.303	2.345	2.194	2.194	2.194	2.194	2.194	2.194	2.194	2.194	2.194
Russia	2.494	2.938	2.746	2.766	2.788	2.803	2.761	2.783	2.798	2.755	2.777	2.793
India	2.442	2.403	3.027	2.702	2.714	2.719	2.683	2.692	2.696	2.662	2.669	2.672
Netherlands	2.166	1.857	1.308	1.769	1.769	1.769	1.769	1.769	1.769	1.769	1.769	1.769
Belgium	1.932	1.324	0.784	1.416	1.330	1.263	1.444	1.363	1.300	1.473	1.396	1.337
Brazil	1.783	2.153	2.654	2.237	2.267	2.284	2.217	2.245	2.262	2.195	2.221	2.238
Spain	1.688	2.236	2.422	1.848	1.882	1.911	1.858	1.894	1.923	1.868	1.904	1.934
Mexico	1.521	1.793	2.080	1.818	1.838	1.850	1.806	1.825	1.837	1.793	1.811	1.823
Switzerland	1.451	1.227	0.724	1.169	1.169	1.169	1.169	1.169	1.169	1.171	1.169	1.169
Korea	1.412	2.108	1.909	1.839	1.873	1.897	1.831	1.865	1.889	1.822	1.857	1.882
Australia	1.358	1.396	1.537	1.369	1.371	1.373	1.370	1.372	1.374	1.370	1.373	1.375
Venezuela	1.115	0.484	0.518	0.752	0.691	0.644	0.762	0.703	0.657	0.772	0.715	0.671
Sweden	1.005	0.942	0.743	0.897	0.897	0.897	0.897	0.897	0.897	0.897	0.897	0.897
Argentina	0.888	0.597	0.669	0.648	0.608	0.577	0.661	0.623	0.594	0.674	0.638	0.610
Austria	0.887	0.836	0.650	0.796	0.796	0.796	0.796	0.796	0.796	0.796	0.796	0.796
Indonesia	0.872	0.902	1.053	0.959	0.964	0.967	0.954	0.958	0.961	0.949	0.952	0.955
Denmark	0.793	0.731	0.508	0.696	0.696	0.696	0.696	0.696	0.696	0.696	0.696	0.696
Norway	0.790	0.812	0.631	0.797	0.798	0.799	0.797	0.798	0.799	0.797	0.799	0.800
South Africa	0.784	0.578	0.640	0.584	0.551	0.550	0.596	0.565	0.550	0.609	0.580	0.557
Malaysia	0.744	0.792	0.471	0.774	0.776	0.778	0.773	0.775	0.777	0.772	0.775	0.777
Nigeria	0.735	0.477	0.410	0.735	0.735	0.735	0.735	0.735	0.735	0.735	0.735	0.735
Poland	0.708	0.949	0.911	0.856	0.868	0.876	0.853	0.865	0.873	0.850	0.862	0.871
Iran	0.628	0.658	0.842	0.730	0.735	0.738	0.724	0.728	0.731	0.717	0.721	0.724
Turkey	0.611	1.148	1.296	1.008	1.037	1.057	0.997	1.026	1.046	0.984	1.014	1.034
Thailand	0.604	0.789	0.636	0.718	0.727	0.733	0.716	0.725	0.731	0.713	0.722	0.729
Singapore	0.591	1.195	0.356	0.961	0.991	1.011	0.954	0.984	1.005	0.946	0.976	0.998
Kuwait	0.579	0.315	0.242	0.405	0.376	0.354	0.412	0.384	0.362	0.419	0.392	0.371

**Table A3. Simulation 3: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; 95 Percent CQS Protection; PRGT-eligible**  
**-- by Member (continued) 1/**  
**(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Ukraine	0.576	0.422	0.393	0.428	0.404	0.402	0.437	0.414	0.402	0.446	0.425	0.408
Finland	0.530	0.513	0.421	0.488	0.488	0.488	0.488	0.488	0.488	0.488	0.488	0.488
Ireland	0.528	1.077	0.428	0.688	0.722	0.751	0.698	0.733	0.763	0.708	0.744	0.774
Algeria	0.526	0.411	0.323	0.398	0.392	0.392	0.406	0.392	0.392	0.415	0.397	0.392
Iraq	0.499	0.267	0.162	0.348	0.323	0.303	0.353	0.329	0.311	0.359	0.336	0.318
Libya	0.471	0.252	0.150	0.329	0.305	0.287	0.334	0.311	0.294	0.340	0.318	0.301
Greece	0.462	0.572	0.586	0.494	0.501	0.507	0.496	0.503	0.509	0.498	0.505	0.511
Israel	0.445	0.408	0.343	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389
Hungary	0.436	0.407	0.300	0.388	0.388	0.388	0.388	0.388	0.388	0.388	0.388	0.388
Pakistan	0.434	0.342	0.449	0.426	0.424	0.422	0.424	0.421	0.419	0.421	0.418	0.416
Romania	0.432	0.380	0.369	0.362	0.362	0.362	0.362	0.362	0.362	0.362	0.362	0.362
Portugal	0.432	0.448	0.426	0.437	0.438	0.439	0.437	0.438	0.439	0.437	0.438	0.439
Philippines	0.428	0.430	0.379	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429
Czech Republic	0.420	0.519	0.387	0.481	0.486	0.489	0.480	0.484	0.488	0.478	0.483	0.487
Egypt	0.396	0.404	0.452	0.422	0.424	0.425	0.421	0.422	0.423	0.419	0.420	0.421
New Zealand	0.375	0.262	0.232	0.276	0.260	0.249	0.282	0.266	0.254	0.287	0.273	0.261
Chile	0.359	0.377	0.356	0.370	0.371	0.372	0.370	0.371	0.371	0.370	0.371	0.371
Colombia	0.325	0.381	0.500	0.413	0.419	0.422	0.409	0.414	0.417	0.404	0.409	0.411
United Arab Emirates	0.316	0.767	0.381	0.592	0.614	0.629	0.587	0.609	0.625	0.581	0.604	0.620
Bulgaria	0.269	0.164	0.116	0.192	0.179	0.170	0.196	0.184	0.174	0.199	0.188	0.179
Peru	0.268	0.270	0.290	0.278	0.279	0.279	0.277	0.278	0.278	0.277	0.277	0.277
Morocco	0.247	0.185	0.188	0.185	0.176	0.176	0.189	0.179	0.176	0.193	0.184	0.177
Bangladesh	0.224	0.169	0.238	0.224	0.224	0.224	0.224	0.224	0.224	0.224	0.224	0.224
Congo, Dem. Republic of	0.224	0.035	0.029	0.224	0.224	0.224	0.224	0.224	0.224	0.224	0.224	0.224
Zambia	0.205	0.039	0.030	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205
Serbia	0.196	0.129	0.107	0.143	0.134	0.127	0.145	0.137	0.130	0.148	0.140	0.134
Vietnam	0.193	0.303	0.248	0.261	0.266	0.270	0.259	0.265	0.269	0.258	0.263	0.267
Kazakhstan	0.179	0.328	0.250	0.270	0.278	0.283	0.269	0.276	0.281	0.267	0.274	0.279
Slovak Republic	0.179	0.261	0.174	0.229	0.233	0.236	0.229	0.232	0.235	0.227	0.231	0.234
Luxembourg	0.176	0.503	0.093	0.271	0.292	0.309	0.277	0.298	0.316	0.283	0.304	0.322
Sri Lanka	0.173	0.089	0.107	0.120	0.111	0.104	0.122	0.114	0.107	0.124	0.116	0.109
Belarus	0.162	0.143	0.139	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136
Ghana	0.155	0.050	0.045	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155
Croatia	0.153	0.150	0.133	0.143	0.143	0.143	0.143	0.143	0.143	0.143	0.143	0.143
Zimbabwe	0.148	0.016	0.011	0.088	0.078	0.071	0.089	0.079	0.071	0.089	0.079	0.072

**Table A3. Simulation 3: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; 95 Percent CQS Protection; PRGT-eligible**  
**-- by Member (continued) 1/**  
**(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Ecuador	0.146	0.147	0.135	0.147	0.147	0.147	0.147	0.147	0.147	0.147	0.147	0.147
Syrian Arab Republic	0.145	0.208	0.293	0.223	0.228	0.231	0.219	0.224	0.227	0.215	0.220	0.223
Trinidad and Tobago	0.141	0.064	0.049	0.095	0.088	0.082	0.097	0.090	0.084	0.098	0.091	0.086
Cote d'Ivoire	0.136	0.056	0.054	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136
Sudan	0.132	0.089	0.117	0.132	0.132	0.132	0.132	0.132	0.132	0.132	0.132	0.132
Uruguay	0.129	0.077	0.062	0.092	0.085	0.081	0.093	0.087	0.083	0.095	0.089	0.085
Qatar	0.127	0.194	0.156	0.168	0.172	0.174	0.168	0.171	0.173	0.167	0.170	0.173
Tunisia	0.120	0.114	0.103	0.109	0.109	0.109	0.109	0.109	0.109	0.109	0.109	0.109
Angola	0.120	0.214	0.142	0.178	0.182	0.185	0.177	0.181	0.184	0.175	0.180	0.183
Uzbekistan	0.116	0.071	0.078	0.116	0.116	0.116	0.116	0.116	0.116	0.116	0.116	0.116
Slovenia	0.115	0.136	0.102	0.128	0.129	0.130	0.128	0.129	0.129	0.127	0.128	0.129
Jamaica	0.115	0.047	0.036	0.077	0.070	0.065	0.078	0.072	0.067	0.079	0.073	0.068
Kenya	0.114	0.076	0.078	0.114	0.114	0.114	0.114	0.114	0.114	0.114	0.114	0.114
Lebanon	0.112	0.168	0.068	0.146	0.149	0.151	0.146	0.148	0.150	0.145	0.148	0.150
Myanmar	0.108	0.057	0.072	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108
Yemen, Republic of	0.102	0.100	0.072	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102
Oman	0.099	0.139	0.106	0.124	0.126	0.127	0.123	0.125	0.126	0.123	0.125	0.126
Dominican Republic	0.092	0.097	0.105	0.099	0.099	0.100	0.099	0.099	0.099	0.098	0.099	0.099
Brunei Darussalam	0.090	0.042	0.027	0.062	0.057	0.053	0.062	0.058	0.054	0.063	0.059	0.055
Guatemala	0.088	0.086	0.092	0.090	0.090	0.090	0.089	0.089	0.089	0.089	0.089	0.089
Panama	0.087	0.079	0.053	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075
Tanzania	0.083	0.046	0.058	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083
Costa Rica	0.078	0.077	0.069	0.074	0.074	0.074	0.074	0.074	0.074	0.074	0.074	0.074
Cameroon	0.078	0.058	0.058	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078	0.078
Lithuania	0.077	0.111	0.095	0.098	0.100	0.101	0.097	0.099	0.100	0.097	0.099	0.100
Uganda	0.076	0.055	0.044	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076
Bahrain	0.074	0.098	0.045	0.088	0.090	0.090	0.088	0.089	0.090	0.088	0.089	0.090
Bolivia	0.072	0.047	0.050	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072
El Salvador	0.072	0.060	0.059	0.057	0.057	0.057	0.057	0.057	0.057	0.058	0.057	0.057
Jordan	0.072	0.073	0.047	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072
Bosnia-Herzegovina	0.071	0.056	0.042	0.054	0.053	0.053	0.055	0.053	0.053	0.056	0.054	0.053
Islamic Republic of Afghanistan	0.068	0.041	0.029	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.068
Senegal	0.068	0.032	0.033	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.068
Azerbaijan	0.067	0.086	0.089	0.080	0.081	0.082	0.080	0.081	0.081	0.079	0.080	0.081
Cyprus	0.066	0.065	0.046	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062	0.062

**Table A3. Simulation 3: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; 95 Percent CQS Protection; PRGT-eligible**  
**-- by Member (continued) 1/**  
**(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Gabon	0.065	0.040	0.033	0.046	0.043	0.041	0.047	0.044	0.042	0.048	0.045	0.043
Georgia	0.063	0.030	0.030	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063	0.063
Latvia	0.060	0.086	0.066	0.076	0.077	0.078	0.076	0.077	0.078	0.075	0.077	0.078
Namibia	0.057	0.023	0.021	0.038	0.035	0.032	0.039	0.035	0.033	0.039	0.036	0.034
Ethiopia	0.056	0.054	0.070	0.062	0.062	0.062	0.061	0.062	0.062	0.061	0.061	0.061
Papua New Guinea	0.055	0.030	0.020	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055
Bahamas, The	0.055	0.022	0.018	0.036	0.033	0.031	0.037	0.034	0.032	0.037	0.035	0.032
Nicaragua	0.055	0.026	0.021	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055
Honduras	0.054	0.052	0.041	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054
Liberia	0.054	0.013	0.002	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054
Moldova	0.052	0.021	0.015	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052
Madagascar	0.051	0.026	0.025	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051
Iceland	0.049	0.100	0.034	0.064	0.067	0.070	0.065	0.068	0.071	0.066	0.069	0.072
Mozambique	0.048	0.031	0.025	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048
Guinea	0.045	0.014	0.013	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045
Sierra Leone	0.044	0.006	0.006	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044
Malta	0.043	0.035	0.018	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034
Mauritius	0.043	0.027	0.022	0.031	0.029	0.027	0.031	0.029	0.028	0.032	0.030	0.029
Paraguay	0.042	0.043	0.039	0.042	0.043	0.043	0.042	0.042	0.043	0.042	0.042	0.043
Turkmenistan	0.041	0.062	0.051	0.054	0.055	0.056	0.054	0.055	0.056	0.054	0.055	0.055
Estonia	0.039	0.071	0.049	0.059	0.060	0.061	0.058	0.060	0.061	0.058	0.059	0.060
Mali	0.039	0.032	0.022	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039
Suriname	0.039	0.010	0.006	0.025	0.022	0.020	0.025	0.022	0.021	0.025	0.023	0.021
Armenia	0.039	0.025	0.026	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039
Guyana	0.038	0.007	0.004	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038
Kyrgyz Republic	0.037	0.017	0.014	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037
Botswana	0.037	0.049	0.036	0.044	0.045	0.045	0.044	0.045	0.045	0.044	0.045	0.045
Cambodia	0.037	0.034	0.033	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037
Tajikistan	0.036	0.019	0.015	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036
Congo, Republic of	0.035	0.034	0.024	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035
Haiti	0.034	0.016	0.018	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034
Somalia	0.034	0.002	0.002	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034
Rwanda	0.034	0.011	0.013	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034
Burundi	0.032	0.003	0.004	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032
Togo	0.031	0.010	0.008	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031

**Table A3. Simulation 3: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; 95 Percent CQS Protection; PRGT-eligible**  
**-- by Member (continued) 1/**  
**(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Nepal	0.030	0.032	0.035	0.032	0.033	0.033	0.032	0.032	0.033	0.032	0.032	0.032
Fiji	0.029	0.012	0.008	0.020	0.018	0.017	0.020	0.018	0.017	0.020	0.019	0.017
Malawi	0.029	0.029	0.013	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029
Macedonia, FYR	0.029	0.030	0.025	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030
Barbados	0.028	0.013	0.009	0.019	0.018	0.017	0.020	0.018	0.017	0.020	0.019	0.017
Chad	0.028	0.032	0.024	0.030	0.031	0.031	0.030	0.030	0.031	0.030	0.030	0.031
Niger	0.028	0.013	0.014	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028
Mauritania	0.027	0.011	0.009	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027
Benin	0.026	0.023	0.018	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026
Burkina Faso	0.025	0.019	0.024	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025
Albania	0.025	0.031	0.031	0.029	0.029	0.029	0.029	0.029	0.029	0.028	0.029	0.029
Kosovo	0.025	0.016	0.015	0.018	0.017	0.016	0.018	0.017	0.016	0.019	0.018	0.017
Central African Republic	0.023	0.006	0.005	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023
Lao, People's Dem. Republic	0.022	0.014	0.016	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022
Equatorial Guinea	0.022	0.052	0.030	0.040	0.042	0.043	0.040	0.041	0.042	0.039	0.041	0.042
Mongolia	0.021	0.015	0.013	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021
Swaziland	0.021	0.016	0.009	0.016	0.016	0.016	0.016	0.016	0.016	0.017	0.016	0.016
Lesotho	0.015	0.010	0.005	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015	0.015
Gambia, The	0.013	0.003	0.003	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
Montenegro	0.012	0.015	0.011	0.013	0.014	0.014	0.013	0.014	0.014	0.013	0.014	0.014
San Marino	0.009	0.012	0.005	0.010	0.010	0.011	0.010	0.010	0.011	0.010	0.011	0.011
Belize	0.008	0.006	0.004	0.006	0.005	0.005	0.006	0.006	0.005	0.006	0.006	0.006
Eritrea	0.008	0.006	0.005	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Vanuatu	0.007	0.002	0.002	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
Djibouti	0.007	0.004	0.003	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
St. Lucia	0.006	0.004	0.003	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Guinea-Bissau	0.006	0.002	0.001	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Antigua and Barbuda	0.006	0.004	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Grenada	0.005	0.003	0.002	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Samoa	0.005	0.003	0.002	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Cape Verde	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Seychelles	0.005	0.005	0.003	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Timor Leste	0.005	0.007	0.003	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Solomon Islands	0.004	0.003	0.002	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Maldives	0.004	0.005	0.003	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005

**Table A3. Simulation 3: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; 95 Percent CQS Protection; PRGT-eligible  
-- by Member (concluded) 1/  
(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Comoros	0.0037	0.0019	0.0014	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037
St. Kitts and Nevis	0.0037	0.0022	0.0015	0.0026	0.0025	0.0023	0.0027	0.0025	0.0024	0.0027	0.0026	0.0024
Bhutan	0.0036	0.0050	0.0044	0.0044	0.0045	0.0046	0.0044	0.0045	0.0045	0.0044	0.0045	0.0045
St. Vincent and the Grenadines	0.0035	0.0024	0.0018	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035	0.0035
Dominica	0.0034	0.0017	0.0012	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034	0.0034
Sao Tome and Principe	0.0031	0.0016	0.0005	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031
Tonga	0.0029	0.0013	0.0009	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029	0.0029
Kiribati	0.0023	0.0018	0.0008	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023	0.0023
Micronesia, Fed. States of	0.0021	0.0014	0.0011	0.0016	0.0015	0.0014	0.0016	0.0015	0.0014	0.0016	0.0015	0.0015
Marshall Islands	0.0015	0.0010	0.0007	0.0011	0.0010	0.0010	0.0011	0.0010	0.0010	0.0011	0.0011	0.0010
Palau, Republic of	0.0015	0.0010	0.0007	0.0011	0.0010	0.0010	0.0011	0.0010	0.0010	0.0011	0.0011	0.0010
Tuvalu	0.0008	0.0004	0.0001	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0006	0.0005	0.0005

Source: Finance Department.

1/ The simulations assume a 75, 100, and 125 percent increase of post second round quotas. The ad hoc increase is distributed to all countries that are under-represented with respect to the formula or with respect to the GDP blend (see footnote 3). Eligible EMDCs receive a uniform reduction in out-of-lineness based on the formula (for those EMDCs under-represented under the formula only), or the GDP-blend (for those EMDCs under-represented under the GDP blend only), or the greater of the two (for those EMDCs that qualify under both criteria). Eligible advanced countries are capped at their post second round or post-selective quota share, whichever is greater. Over-represented countries which would become under-represented as a result of the overall quota increase are protected at 95 percent of their calculated quota share. PRGT-eligible countries receive at least their post second round quota share.

2/ Includes ad hoc increases for 54 eligible members that are not yet effective; also includes Kosovo and Tuvalu which became members on June 29, 2009 and June 24, 2010, respectively. For the two countries that have not yet consented to, and paid for, their quota increases, 11th Review proposed quotas are used.

3/ GDP blended using 60 percent market and 40 percent PPP exchange rates, compressed using a factor of 0.95.

4/ The overall increase is distributed to members on an equiproportional, selective and ad hoc basis in the proportion of x/y/z, respectively.

5/ Includes China, P.R., Hong Kong SAR, and Macao SAR.



**Table A4. Simulation 4: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; Full CQS Protection; PCDR-eligible -- by Member 1/  
(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
United States	17.670	16.987	21.645	17.670	17.670	17.670	17.670	17.670	17.670	17.670	17.670	17.670
Japan	6.556	6.493	7.282	6.556	6.556	6.556	6.556	6.556	6.556	6.556	6.556	6.556
Germany	6.110	5.678	5.201	5.678	5.678	5.678	5.678	5.678	5.678	5.678	5.678	5.678
France	4.505	3.789	4.036	3.789	3.789	3.789	3.789	3.789	3.789	3.789	3.789	3.789
United Kingdom	4.505	4.663	4.151	4.551	4.561	4.569	4.554	4.564	4.572	4.556	4.567	4.575
China 5/	3.996	7.917	8.128	6.267	6.463	6.578	6.215	6.415	6.549	6.163	6.366	6.510
Italy	3.306	2.992	3.379	3.277	3.267	3.256	3.267	3.256	3.245	3.258	3.245	3.233
Saudi Arabia	2.930	1.337	0.842	1.990	1.833	1.711	2.018	1.866	1.748	2.047	1.900	1.785
Canada	2.672	2.303	2.345	2.303	2.303	2.303	2.303	2.303	2.303	2.303	2.303	2.303
Russia	2.494	2.938	2.746	2.742	2.764	2.777	2.737	2.759	2.774	2.732	2.755	2.771
India	2.442	2.403	3.027	2.656	2.663	2.660	2.635	2.641	2.640	2.614	2.618	2.617
Netherlands	2.166	1.857	1.308	1.857	1.857	1.857	1.857	1.857	1.857	1.857	1.857	1.857
Belgium	1.932	1.324	0.784	1.416	1.330	1.324	1.444	1.363	1.324	1.473	1.396	1.337
Brazil	1.783	2.153	2.654	2.178	2.204	2.213	2.158	2.182	2.195	2.136	2.160	2.173
Spain	1.688	2.236	2.422	1.848	1.882	1.911	1.858	1.894	1.923	1.868	1.904	1.934
Mexico	1.521	1.793	2.080	1.781	1.799	1.806	1.769	1.786	1.795	1.756	1.772	1.782
Switzerland	1.451	1.227	0.724	1.227	1.227	1.227	1.227	1.227	1.227	1.227	1.227	1.227
Korea	1.412	2.108	1.909	1.801	1.835	1.856	1.793	1.828	1.852	1.785	1.821	1.846
Australia	1.358	1.396	1.537	1.369	1.371	1.373	1.370	1.372	1.374	1.370	1.373	1.375
Venezuela	1.115	0.484	0.518	0.752	0.691	0.644	0.762	0.703	0.657	0.772	0.715	0.671
Sweden	1.005	0.942	0.743	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942	0.942
Argentina	0.888	0.597	0.669	0.648	0.608	0.597	0.661	0.623	0.597	0.674	0.638	0.610
Austria	0.887	0.836	0.650	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836	0.836
Indonesia	0.872	0.902	1.053	0.946	0.950	0.950	0.941	0.944	0.945	0.935	0.938	0.939
Denmark	0.793	0.731	0.508	0.731	0.731	0.731	0.731	0.731	0.731	0.731	0.731	0.731
Norway	0.790	0.812	0.631	0.797	0.798	0.799	0.797	0.798	0.799	0.797	0.799	0.800
South Africa	0.784	0.578	0.640	0.584	0.578	0.578	0.596	0.578	0.578	0.609	0.580	0.578
Malaysia	0.744	0.792	0.471	0.771	0.773	0.775	0.770	0.773	0.775	0.770	0.772	0.774
Nigeria	0.735	0.477	0.410	0.533	0.499	0.477	0.543	0.511	0.486	0.553	0.523	0.499
Poland	0.708	0.949	0.911	0.843	0.854	0.862	0.840	0.852	0.860	0.837	0.850	0.858
Iran	0.628	0.658	0.842	0.714	0.718	0.718	0.707	0.711	0.712	0.701	0.704	0.705
Turkey	0.611	1.148	1.296	0.967	0.995	1.011	0.956	0.985	1.003	0.944	0.973	0.993
Thailand	0.604	0.789	0.636	0.708	0.717	0.722	0.706	0.715	0.721	0.703	0.713	0.720
Singapore	0.591	1.195	0.356	0.928	0.958	0.976	0.921	0.952	0.972	0.914	0.945	0.968
Kuwait	0.579	0.315	0.242	0.405	0.376	0.354	0.412	0.384	0.362	0.419	0.392	0.371

**Table A4. Simulation 4: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; Full CQS Protection; PCDR-eligible**  
**-- by Member (continued) 1/**  
**(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Ukraine	0.576	0.422	0.393	0.428	0.422	0.422	0.437	0.422	0.422	0.446	0.425	0.422
Finland	0.530	0.513	0.421	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513	0.513
Ireland	0.528	1.077	0.428	0.688	0.722	0.751	0.698	0.733	0.763	0.708	0.744	0.774
Algeria	0.526	0.411	0.323	0.411	0.411	0.411	0.411	0.411	0.411	0.415	0.411	0.411
Iraq	0.499	0.267	0.162	0.348	0.323	0.303	0.353	0.329	0.311	0.359	0.336	0.318
Libya	0.471	0.252	0.150	0.329	0.305	0.287	0.334	0.311	0.294	0.340	0.318	0.301
Greece	0.462	0.572	0.586	0.494	0.501	0.507	0.496	0.503	0.509	0.498	0.505	0.511
Israel	0.445	0.408	0.343	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408	0.408
Hungary	0.436	0.407	0.300	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407	0.407
Pakistan	0.434	0.342	0.449	0.423	0.420	0.417	0.420	0.417	0.414	0.418	0.414	0.410
Romania	0.432	0.380	0.369	0.380	0.380	0.380	0.380	0.380	0.380	0.380	0.380	0.380
Portugal	0.432	0.448	0.426	0.437	0.438	0.439	0.437	0.438	0.439	0.437	0.438	0.439
Philippines	0.428	0.430	0.379	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429	0.429
Czech Republic	0.420	0.519	0.387	0.475	0.480	0.483	0.474	0.479	0.483	0.473	0.478	0.482
Egypt	0.396	0.404	0.452	0.418	0.419	0.419	0.417	0.418	0.418	0.415	0.416	0.416
New Zealand	0.375	0.262	0.232	0.276	0.262	0.262	0.282	0.266	0.262	0.287	0.273	0.262
Chile	0.359	0.377	0.356	0.369	0.370	0.371	0.369	0.370	0.370	0.369	0.370	0.370
Colombia	0.325	0.381	0.500	0.401	0.406	0.407	0.396	0.401	0.402	0.392	0.396	0.398
United Arab Emirates	0.316	0.767	0.381	0.568	0.590	0.603	0.563	0.585	0.601	0.557	0.580	0.597
Bulgaria	0.269	0.164	0.116	0.192	0.179	0.170	0.196	0.184	0.174	0.199	0.188	0.179
Peru	0.268	0.270	0.290	0.276	0.277	0.277	0.276	0.276	0.276	0.275	0.275	0.275
Morocco	0.247	0.185	0.188	0.185	0.185	0.185	0.189	0.185	0.185	0.193	0.185	0.185
Bangladesh	0.224	0.169	0.238	0.224	0.224	0.224	0.224	0.224	0.224	0.224	0.224	0.224
Congo, Dem. Republic of	0.224	0.035	0.029	0.224	0.224	0.224	0.224	0.224	0.224	0.224	0.224	0.224
Zambia	0.205	0.039	0.030	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205
Serbia	0.196	0.129	0.107	0.143	0.134	0.129	0.145	0.137	0.130	0.148	0.140	0.134
Vietnam	0.193	0.303	0.248	0.255	0.260	0.263	0.253	0.259	0.263	0.252	0.258	0.262
Kazakhstan	0.179	0.328	0.250	0.262	0.270	0.274	0.261	0.268	0.273	0.259	0.266	0.272
Slovak Republic	0.179	0.261	0.174	0.225	0.229	0.231	0.224	0.228	0.231	0.223	0.227	0.230
Luxembourg	0.176	0.503	0.093	0.271	0.292	0.309	0.277	0.298	0.316	0.283	0.304	0.322
Sri Lanka	0.173	0.089	0.107	0.120	0.111	0.104	0.122	0.114	0.107	0.124	0.116	0.109
Belarus	0.162	0.143	0.139	0.143	0.143	0.143	0.143	0.143	0.143	0.143	0.143	0.143
Ghana	0.155	0.050	0.045	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155	0.155
Croatia	0.153	0.150	0.133	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150	0.150
Zimbabwe	0.148	0.016	0.011	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148	0.148

**Table A4. Simulation 4: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; Full CQS Protection; PCDR-eligible**  
**-- by Member (continued) 1/**  
**(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Ecuador	0.146	0.147	0.135	0.147	0.147	0.147	0.147	0.147	0.147	0.147	0.147	0.147
Syrian Arab Republic	0.145	0.208	0.293	0.213	0.217	0.218	0.209	0.213	0.215	0.205	0.209	0.212
Trinidad and Tobago	0.141	0.064	0.049	0.095	0.088	0.082	0.097	0.090	0.084	0.098	0.091	0.086
Cote d'Ivoire	0.136	0.056	0.054	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136	0.136
Sudan	0.132	0.089	0.117	0.132	0.132	0.132	0.132	0.132	0.132	0.132	0.132	0.132
Uruguay	0.129	0.077	0.062	0.092	0.085	0.081	0.093	0.087	0.083	0.095	0.089	0.085
Qatar	0.127	0.194	0.156	0.165	0.168	0.170	0.164	0.167	0.170	0.163	0.167	0.169
Tunisia	0.120	0.114	0.103	0.114	0.114	0.114	0.114	0.114	0.114	0.114	0.114	0.114
Angola	0.120	0.214	0.142	0.172	0.177	0.180	0.171	0.176	0.179	0.170	0.175	0.179
Uzbekistan	0.116	0.071	0.078	0.116	0.116	0.116	0.116	0.116	0.116	0.116	0.116	0.116
Slovenia	0.115	0.136	0.102	0.127	0.128	0.128	0.127	0.128	0.128	0.126	0.127	0.128
Jamaica	0.115	0.047	0.036	0.077	0.070	0.065	0.078	0.072	0.067	0.079	0.073	0.068
Kenya	0.114	0.076	0.078	0.114	0.114	0.114	0.114	0.114	0.114	0.114	0.114	0.114
Lebanon	0.112	0.168	0.068	0.143	0.146	0.148	0.143	0.145	0.147	0.142	0.145	0.147
Myanmar	0.108	0.057	0.072	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108	0.108
Yemen, Republic of	0.102	0.100	0.072	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102	0.102
Oman	0.099	0.139	0.106	0.121	0.123	0.125	0.121	0.123	0.124	0.121	0.123	0.124
Dominican Republic	0.092	0.097	0.105	0.098	0.098	0.098	0.098	0.098	0.098	0.097	0.098	0.098
Brunei Darussalam	0.090	0.042	0.027	0.062	0.057	0.053	0.062	0.058	0.054	0.063	0.059	0.055
Guatemala	0.088	0.086	0.092	0.089	0.089	0.089	0.089	0.089	0.089	0.089	0.089	0.089
Panama	0.087	0.079	0.053	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079	0.079
Tanzania	0.083	0.046	0.058	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083	0.083
Costa Rica	0.078	0.077	0.069	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077
Cameroon	0.078	0.058	0.058	0.058	0.058	0.058	0.059	0.058	0.058	0.061	0.058	0.058
Lithuania	0.077	0.111	0.095	0.096	0.098	0.099	0.096	0.097	0.099	0.095	0.097	0.098
Uganda	0.076	0.055	0.044	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076	0.076
Bahrain	0.074	0.098	0.045	0.087	0.088	0.089	0.087	0.088	0.089	0.087	0.088	0.089
Bolivia	0.072	0.047	0.050	0.052	0.049	0.047	0.053	0.050	0.047	0.054	0.051	0.049
El Salvador	0.072	0.060	0.059	0.060	0.060	0.060	0.060	0.060	0.060	0.060	0.060	0.060
Jordan	0.072	0.073	0.047	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072	0.072
Bosnia-Herzegovina	0.071	0.056	0.042	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056	0.056
Islamic Republic of Afghanistan	0.068	0.041	0.029	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.068
Senegal	0.068	0.032	0.033	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.068	0.068
Azerbaijan	0.067	0.086	0.089	0.079	0.080	0.080	0.079	0.080	0.080	0.078	0.079	0.080
Cyprus	0.066	0.065	0.046	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065	0.065

**Table A4. Simulation 4: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; Full CQS Protection; PCDR-eligible**  
**-- by Member (continued) 1/**  
**(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Gabon	0.065	0.040	0.033	0.046	0.043	0.041	0.047	0.044	0.042	0.048	0.045	0.043
Georgia	0.063	0.030	0.030	0.043	0.040	0.037	0.044	0.041	0.038	0.045	0.041	0.039
Latvia	0.060	0.086	0.066	0.075	0.076	0.077	0.074	0.076	0.077	0.074	0.075	0.076
Namibia	0.057	0.023	0.021	0.038	0.035	0.032	0.039	0.035	0.033	0.039	0.036	0.034
Ethiopia	0.056	0.054	0.070	0.061	0.061	0.061	0.060	0.060	0.060	0.060	0.060	0.060
Papua New Guinea	0.055	0.030	0.020	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055
Bahamas, The	0.055	0.022	0.018	0.036	0.033	0.031	0.037	0.034	0.032	0.037	0.035	0.032
Nicaragua	0.055	0.026	0.021	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055
Honduras	0.054	0.052	0.041	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052	0.052
Liberia	0.054	0.013	0.002	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054	0.054
Moldova	0.052	0.021	0.015	0.034	0.031	0.029	0.035	0.032	0.030	0.035	0.033	0.030
Madagascar	0.051	0.026	0.025	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051	0.051
Iceland	0.049	0.100	0.034	0.064	0.067	0.070	0.065	0.068	0.071	0.066	0.069	0.072
Mozambique	0.048	0.031	0.025	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048	0.048
Guinea	0.045	0.014	0.013	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045	0.045
Sierra Leone	0.044	0.006	0.006	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044	0.044
Malta	0.043	0.035	0.018	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035
Mauritius	0.043	0.027	0.022	0.031	0.029	0.027	0.031	0.029	0.028	0.032	0.030	0.029
Paraguay	0.042	0.043	0.039	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042	0.042
Turkmenistan	0.041	0.062	0.051	0.053	0.054	0.055	0.053	0.054	0.055	0.053	0.054	0.054
Estonia	0.039	0.071	0.049	0.057	0.058	0.059	0.056	0.058	0.059	0.056	0.058	0.059
Mali	0.039	0.032	0.022	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039	0.039
Suriname	0.039	0.010	0.006	0.025	0.022	0.020	0.025	0.022	0.021	0.025	0.023	0.021
Armenia	0.039	0.025	0.026	0.028	0.026	0.025	0.028	0.027	0.025	0.029	0.027	0.026
Guyana	0.038	0.007	0.004	0.023	0.021	0.019	0.023	0.021	0.019	0.024	0.021	0.019
Kyrgyz Republic	0.037	0.017	0.014	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037
Botswana	0.037	0.049	0.036	0.044	0.044	0.045	0.043	0.044	0.044	0.043	0.044	0.044
Cambodia	0.037	0.034	0.033	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037	0.037
Tajikistan	0.036	0.019	0.015	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036	0.036
Congo, Republic of	0.035	0.034	0.024	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034
Haiti	0.034	0.016	0.018	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034
Somalia	0.034	0.002	0.002	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034
Rwanda	0.034	0.011	0.013	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034	0.034
Burundi	0.032	0.003	0.004	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032
Togo	0.031	0.010	0.008	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031	0.031

**Table A4. Simulation 4: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; Full CQS Protection; PCDR-eligible**  
**-- by Member (continued) 1/**  
**(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Nepal	0.030	0.032	0.035	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032	0.032
Fiji	0.029	0.012	0.008	0.020	0.018	0.017	0.020	0.018	0.017	0.020	0.019	0.017
Malawi	0.029	0.029	0.013	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029	0.029
Macedonia, FYR	0.029	0.030	0.025	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030
Barbados	0.028	0.013	0.009	0.019	0.018	0.017	0.020	0.018	0.017	0.020	0.019	0.017
Chad	0.028	0.032	0.024	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030	0.030
Niger	0.028	0.013	0.014	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028	0.028
Mauritania	0.027	0.011	0.009	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027	0.027
Benin	0.026	0.023	0.018	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026
Burkina Faso	0.025	0.019	0.024	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025	0.025
Albania	0.025	0.031	0.031	0.028	0.029	0.029	0.028	0.029	0.029	0.028	0.028	0.029
Kosovo	0.025	0.016	0.015	0.018	0.017	0.016	0.018	0.017	0.016	0.019	0.018	0.017
Central African Republic	0.023	0.006	0.005	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023	0.023
Lao, People's Dem. Republic	0.022	0.014	0.016	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022	0.022
Equatorial Guinea	0.022	0.052	0.030	0.038	0.040	0.041	0.038	0.040	0.041	0.038	0.039	0.040
Mongolia	0.021	0.015	0.013	0.016	0.015	0.015	0.016	0.015	0.015	0.016	0.016	0.015
Swaziland	0.021	0.016	0.009	0.016	0.016	0.016	0.016	0.016	0.016	0.017	0.016	0.016
Lesotho	0.015	0.010	0.005	0.011	0.010	0.010	0.011	0.010	0.010	0.011	0.011	0.010
Gambia, The	0.013	0.003	0.003	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013	0.013
Montenegro	0.012	0.015	0.011	0.013	0.013	0.014	0.013	0.013	0.013	0.013	0.013	0.013
San Marino	0.009	0.012	0.005	0.010	0.010	0.011	0.010	0.010	0.011	0.010	0.011	0.011
Belize	0.008	0.006	0.004	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Eritrea	0.008	0.006	0.005	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008	0.008
Vanuatu	0.007	0.002	0.002	0.005	0.004	0.004	0.005	0.004	0.004	0.005	0.004	0.004
Djibouti	0.007	0.004	0.003	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007	0.007
St. Lucia	0.006	0.004	0.003	0.005	0.004	0.004	0.005	0.004	0.004	0.005	0.004	0.004
Guinea-Bissau	0.006	0.002	0.001	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Antigua and Barbuda	0.006	0.004	0.003	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Grenada	0.005	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.004	0.003	0.003
Samoa	0.005	0.003	0.002	0.004	0.003	0.003	0.004	0.003	0.003	0.004	0.003	0.003
Cape Verde	0.005	0.005	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Seychelles	0.005	0.005	0.003	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Timor Leste	0.005	0.007	0.003	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006
Solomon Islands	0.004	0.003	0.002	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Maldives	0.004	0.005	0.003	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005

**Table A4. Simulation 4: Ad hoc Increase Allocated Based on Either the Formula or the GDP Blend; Full CQS Protection; PCDR-eligible  
-- by Member (concluded) 1/  
(In percent)**

	Post Second Round Quota Share 2/	Calculated Quota Share	GDP Blend Share 3/	0/55/45 4/			0/60/40 4/			0/65/35 4/		
				75%	100%	125%	75%	100%	125%	75%	100%	125%
Comoros	0.0037	0.0019	0.0014	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037	0.0037
St. Kitts and Nevis	0.0037	0.0022	0.0015	0.0026	0.0025	0.0023	0.0027	0.0025	0.0024	0.0027	0.0026	0.0024
Bhutan	0.0036	0.0050	0.0044	0.0044	0.0044	0.0045	0.0043	0.0044	0.0045	0.0043	0.0044	0.0045
St. Vincent and the Grenadines	0.0035	0.0024	0.0018	0.0026	0.0024	0.0024	0.0026	0.0025	0.0024	0.0027	0.0025	0.0024
Dominica	0.0034	0.0017	0.0012	0.0024	0.0022	0.0021	0.0024	0.0022	0.0021	0.0024	0.0023	0.0021
Sao Tome and Principe	0.0031	0.0016	0.0005	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031	0.0031
Tonga	0.0029	0.0013	0.0009	0.0020	0.0018	0.0017	0.0020	0.0018	0.0017	0.0020	0.0019	0.0018
Kiribati	0.0023	0.0018	0.0008	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018	0.0018
Micronesia, Fed. States of	0.0021	0.0014	0.0011	0.0016	0.0015	0.0014	0.0016	0.0015	0.0014	0.0016	0.0015	0.0015
Marshall Islands	0.0015	0.0010	0.0007	0.0011	0.0010	0.0010	0.0011	0.0010	0.0010	0.0011	0.0011	0.0010
Palau, Republic of	0.0015	0.0010	0.0007	0.0011	0.0010	0.0010	0.0011	0.0010	0.0010	0.0011	0.0011	0.0010
Tuvalu	0.0008	0.0004	0.0001	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0006	0.0005	0.0005

Source: Finance Department.

1/ The simulations assume a 75, 100, and 125 percent increase of post second round quotas. The ad hoc increase is distributed to all countries that are under-represented with respect to the formula or with respect to the GDP blend (see footnote 3). Eligible EMDCs receive a uniform reduction in out-of-lineness based on the formula (for those EMDCs under-represented under the formula only), or the GDP-blend (for those EMDCs under-represented under the GDP blend only), or the greater of the two (for those EMDCs that qualify under both criteria). Eligible advanced countries are capped at their post second round or post-selective quota share, whichever is greater. Over-represented countries which would become under-represented as a result of the overall quota increase are protected at their calculated quota share. PCDR-eligible countries receive at least their post second round quota share.

2/ Includes ad hoc increases for 54 eligible members that are not yet effective; also includes Kosovo and Tuvalu which became members on June 29, 2009 and June 24, 2010, respectively. For the two countries that have not yet consented to, and paid for, their quota increases, 11th Review proposed quotas are used.

3/ GDP blended using 60 percent market and 40 percent PPP exchange rates, compressed using a factor of 0.95.

4/ The overall increase is distributed to members on an equiproportional, selective and ad hoc basis in the proportion of x/y/z, respectively.

5/ Includes China, P.R., Hong Kong SAR, and Macao SAR.