



Office of Thrift Supervision

Selected Asset and Liability Price Tables As of June 30, 1998

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For future reference, the tables for the **quarter ending September 30, 1998** will be available for retrieval after **October 22, 1998**, by calling OTS Publifax, at (202) 906-5660, and requesting **document number 18830**. The tables are also available on the OTS Home page at <http://www.ots.treas.gov/quarter.html>

Selected Asset and Liability Price Tables

Selected Asset and Liability Price Tables contain "price tables" listing the estimated economic values of selected assets, liabilities, and off-balance sheet instruments in various interest rate scenarios. The economic values are estimated by the OTS Net Portfolio Value Model.

In addition to the price tables, the publication includes the following data. See the *OTS Net Portfolio Value Model* manual for more information on how the data is used by the NPV Model.

The quarter-end Treasury zero-coupon curve used by the NPV Model to create discount factors for assets, and yield curves for interest rate swaps and wholesale CDs.

- Quarter-end interest rates that are used by the Model to calculate discount factors for a variety of assets.
- Four tables listing estimated prepayments for the following types of single-family mortgages: 30-Year conventional FRMs, 30-year FHA/VA FRMs, 15-year FRMs, and 7-year balloon mortgages.
- One-month implied forward rates for the following interest rate series: Treasury, LIBOR, secondary market CDs, and retail CD rates.
- Price indications for a set of benchmark fixed-rate and adjustable rate mortgage securities. The price indications are intended to represent reasonable approximations of the quarter-end market price of the securities.

FHLMC/FNMA 30-year Fixed-Rate Mortgage Pool Security Prices
As a Percent of the Underlying Mortgage Balance
As of June 30, 1998

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| Maturity | Interest Rate Scenarios | | | | | | | | |
|-----------------|-------------------------|--------|--------|--------|--------|--------|-------|-------|-------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| WAC 6.5% | | | | | | | | | |
| 180 | 109.28 | 106.95 | 104.90 | 102.21 | 98.21 | 93.90 | 89.71 | 85.75 | 82.04 |
| 240 | 107.26 | 105.56 | 104.29 | 102.15 | 97.76 | 92.71 | 87.76 | 83.11 | 78.81 |
| 330 | 107.44 | 105.73 | 104.49 | 102.22 | 97.35 | 91.71 | 86.24 | 81.15 | 76.49 |
| 360 | 111.11 | 108.41 | 106.20 | 102.65 | 96.89 | 90.59 | 84.54 | 78.98 | 73.91 |
| WAC 7% | | | | | | | | | |
| 180 | 110.34 | 107.95 | 105.83 | 103.57 | 100.03 | 95.84 | 91.65 | 87.65 | 83.88 |
| 240 | 108.06 | 106.29 | 104.88 | 103.38 | 99.82 | 95.03 | 90.13 | 85.44 | 81.06 |
| 330 | 108.26 | 106.47 | 105.07 | 103.55 | 99.65 | 94.35 | 88.92 | 83.78 | 79.05 |
| 360 | 112.41 | 109.58 | 107.24 | 104.48 | 99.54 | 93.50 | 87.46 | 81.80 | 76.61 |
| WAC 7.5% | | | | | | | | | |
| 180 | 111.31 | 108.86 | 106.66 | 104.58 | 101.57 | 97.61 | 93.46 | 89.44 | 85.64 |
| 240 | 108.77 | 106.97 | 105.43 | 104.13 | 101.45 | 97.09 | 92.31 | 87.64 | 83.24 |
| 330 | 108.98 | 107.15 | 105.60 | 104.32 | 101.44 | 96.66 | 91.40 | 86.28 | 81.50 |
| 360 | 113.62 | 110.70 | 108.18 | 105.76 | 101.69 | 96.09 | 90.15 | 84.46 | 79.18 |
| WAC 8% | | | | | | | | | |
| 180 | 112.12 | 109.65 | 107.39 | 105.32 | 102.76 | 99.12 | 95.09 | 91.09 | 87.28 |
| 240 | 109.36 | 107.54 | 105.91 | 104.58 | 102.59 | 98.81 | 94.26 | 89.67 | 85.28 |
| 330 | 109.57 | 107.72 | 106.08 | 104.75 | 102.68 | 98.56 | 93.59 | 88.57 | 83.82 |
| 360 | 114.69 | 111.71 | 109.05 | 106.66 | 103.31 | 98.26 | 92.54 | 86.87 | 81.54 |
| WAC 8.5% | | | | | | | | | |
| 180 | 112.93 | 110.44 | 108.14 | 106.04 | 103.78 | 100.55 | 96.69 | 92.76 | 88.96 |
| 240 | 109.90 | 108.08 | 106.41 | 105.00 | 103.45 | 100.34 | 96.14 | 91.70 | 87.37 |
| 330 | 110.12 | 108.26 | 106.57 | 105.17 | 103.58 | 100.25 | 95.68 | 90.84 | 86.16 |
| 360 | 115.80 | 112.77 | 110.00 | 107.55 | 104.69 | 100.26 | 94.84 | 89.26 | 83.92 |
| WAC 9% | | | | | | | | | |
| 180 | 113.96 | 111.46 | 109.12 | 106.99 | 104.92 | 102.14 | 98.53 | 94.68 | 90.90 |
| 240 | 110.58 | 108.77 | 107.08 | 105.63 | 104.32 | 101.94 | 98.20 | 93.96 | 89.73 |
| 330 | 110.81 | 108.96 | 107.25 | 105.79 | 104.47 | 101.97 | 97.93 | 93.35 | 88.77 |
| 360 | 117.21 | 114.13 | 111.28 | 108.75 | 106.21 | 102.46 | 97.45 | 92.01 | 86.66 |

WAC is the weighted average coupon of the underlying collateral. To approximate the pass-through rate, subtract 50 basis points.

GNMA 30-year Fixed-Rate Mortgage Pool Security Prices
As a Percent of the Underlying Mortgage Balance
As of June 30, 1998

| Maturity | Interest Rate Scenarios | | | | | | | | |
|----------|-------------------------|--------|--------|--------|--------|--------|-------|-------|-------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| WAC 6.5% | | | | | | | | | |
| 180 | 110.27 | 107.68 | 105.44 | 102.59 | 98.51 | 94.20 | 90.04 | 86.11 | 82.44 |
| 240 | 107.96 | 106.19 | 104.88 | 102.56 | 98.07 | 92.94 | 87.92 | 83.20 | 78.83 |
| 330 | 108.19 | 106.41 | 105.14 | 102.68 | 97.67 | 91.94 | 86.37 | 81.20 | 76.46 |
| 360 | 111.94 | 109.18 | 106.93 | 103.18 | 97.28 | 90.87 | 84.73 | 79.08 | 73.95 |
| WAC 7% | | | | | | | | | |
| 180 | 111.30 | 108.64 | 106.28 | 103.82 | 100.15 | 95.93 | 91.75 | 87.79 | 84.06 |
| 240 | 108.71 | 106.85 | 105.37 | 103.68 | 99.93 | 95.06 | 90.08 | 85.34 | 80.92 |
| 330 | 108.95 | 107.06 | 105.61 | 103.88 | 99.76 | 94.35 | 88.84 | 83.64 | 78.84 |
| 360 | 113.12 | 110.21 | 107.80 | 104.82 | 99.68 | 93.53 | 87.42 | 81.70 | 76.46 |
| WAC 7.5% | | | | | | | | | |
| 180 | 112.34 | 109.62 | 107.17 | 104.87 | 101.69 | 97.65 | 93.50 | 89.51 | 85.74 |
| 240 | 109.46 | 107.54 | 105.93 | 104.49 | 101.58 | 97.10 | 92.25 | 87.51 | 83.06 |
| 330 | 109.71 | 107.76 | 106.15 | 104.71 | 101.58 | 96.65 | 91.30 | 86.11 | 81.27 |
| 360 | 114.35 | 111.32 | 108.74 | 106.15 | 101.84 | 96.10 | 90.08 | 84.33 | 79.00 |
| WAC 8% | | | | | | | | | |
| 180 | 113.20 | 110.45 | 107.92 | 105.62 | 102.86 | 99.10 | 95.03 | 91.06 | 87.28 |
| 240 | 110.06 | 108.11 | 106.39 | 104.95 | 102.72 | 98.76 | 94.12 | 89.46 | 85.02 |
| 330 | 110.32 | 108.33 | 106.60 | 105.16 | 102.81 | 98.50 | 93.42 | 88.32 | 83.50 |
| 360 | 115.40 | 112.30 | 109.55 | 107.04 | 103.43 | 98.20 | 92.39 | 86.66 | 81.29 |
| WAC 8.5% | | | | | | | | | |
| 180 | 113.95 | 111.19 | 108.62 | 106.27 | 103.78 | 100.37 | 96.45 | 92.52 | 88.75 |
| 240 | 110.56 | 108.61 | 106.83 | 105.31 | 103.50 | 100.15 | 95.82 | 91.29 | 86.91 |
| 330 | 110.82 | 108.83 | 107.02 | 105.50 | 103.64 | 100.03 | 95.31 | 90.39 | 85.64 |
| 360 | 116.39 | 113.23 | 110.36 | 107.78 | 104.66 | 100.00 | 94.47 | 88.83 | 83.46 |
| WAC 9% | | | | | | | | | |
| 180 | 115.94 | 113.13 | 110.51 | 108.15 | 105.95 | 103.06 | 99.36 | 95.45 | 91.63 |
| 240 | 111.94 | 109.98 | 108.19 | 106.69 | 105.36 | 102.90 | 99.05 | 94.70 | 90.34 |
| 330 | 112.23 | 110.23 | 108.41 | 106.92 | 105.59 | 102.99 | 98.84 | 94.12 | 89.40 |
| 360 | 118.85 | 115.62 | 112.67 | 110.11 | 107.54 | 103.69 | 98.57 | 93.02 | 87.55 |

WAC is the weighted average coupon of the underlying collateral. To approximate the pass-through rate, subtract 50 basis points.

Fixed-Rate 15-Year Mortgage Pool Security Prices
As a Percent of the Underlying Mortgage Balance
As of June 30, 1998

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| Maturity | Interest Rate Scenarios | | | | | | | | |
|----------|-------------------------|--------|--------|--------|--------|--------|-------|-------|-------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| WAC 6.5% | | | | | | | | | |
| 60 | 105.02 | 103.86 | 102.82 | 101.43 | 99.49 | 97.39 | 95.29 | 93.22 | 91.20 |
| 120 | 106.12 | 104.83 | 103.81 | 102.08 | 99.08 | 95.65 | 92.20 | 88.85 | 85.64 |
| 160 | 106.42 | 105.12 | 104.17 | 102.32 | 98.84 | 94.79 | 90.71 | 86.78 | 83.05 |
| 180 | 108.84 | 106.91 | 105.34 | 102.74 | 98.60 | 93.96 | 89.34 | 84.93 | 80.78 |
| WAC 7% | | | | | | | | | |
| 60 | 105.61 | 104.43 | 103.37 | 102.21 | 100.45 | 98.41 | 96.32 | 94.25 | 92.23 |
| 120 | 106.81 | 105.48 | 104.41 | 103.14 | 100.59 | 97.32 | 93.92 | 90.56 | 87.33 |
| 160 | 107.14 | 105.78 | 104.76 | 103.49 | 100.61 | 96.78 | 92.76 | 88.83 | 85.06 |
| 180 | 109.92 | 107.89 | 106.27 | 104.25 | 100.66 | 96.22 | 91.63 | 87.17 | 82.94 |
| WAC 7.5% | | | | | | | | | |
| 60 | 106.11 | 104.92 | 103.83 | 102.78 | 101.25 | 99.30 | 97.24 | 95.19 | 93.17 |
| 120 | 107.41 | 106.04 | 104.89 | 103.84 | 101.79 | 98.77 | 95.45 | 92.12 | 88.89 |
| 160 | 107.76 | 106.36 | 105.22 | 104.21 | 101.97 | 98.48 | 94.59 | 90.69 | 86.92 |
| 180 | 110.88 | 108.79 | 107.03 | 105.31 | 102.31 | 98.16 | 93.66 | 89.20 | 84.93 |
| WAC 8% | | | | | | | | | |
| 60 | 106.56 | 105.37 | 104.26 | 103.24 | 101.93 | 100.12 | 98.11 | 96.08 | 94.07 |
| 120 | 107.95 | 106.56 | 105.34 | 104.33 | 102.74 | 100.05 | 96.87 | 93.60 | 90.39 |
| 160 | 108.32 | 106.89 | 105.67 | 104.70 | 103.03 | 99.97 | 96.27 | 92.44 | 88.70 |
| 180 | 111.80 | 109.65 | 107.78 | 106.14 | 103.67 | 99.91 | 95.56 | 91.13 | 86.83 |
| WAC 8.5% | | | | | | | | | |
| 60 | 106.84 | 105.65 | 104.52 | 103.49 | 102.33 | 100.67 | 98.75 | 96.76 | 94.78 |
| 120 | 108.27 | 106.88 | 105.61 | 104.54 | 103.23 | 100.89 | 97.90 | 94.72 | 91.56 |
| 160 | 108.65 | 107.21 | 105.92 | 104.87 | 103.53 | 100.93 | 97.48 | 93.78 | 90.11 |
| 180 | 112.45 | 110.26 | 108.28 | 106.56 | 104.43 | 101.07 | 96.93 | 92.58 | 88.30 |
| WAC 9% | | | | | | | | | |
| 60 | 107.34 | 106.16 | 105.03 | 103.99 | 102.96 | 101.51 | 99.70 | 97.76 | 95.81 |
| 120 | 108.87 | 107.48 | 106.19 | 105.10 | 104.02 | 102.12 | 99.39 | 96.34 | 93.25 |
| 160 | 109.28 | 107.83 | 106.52 | 105.44 | 104.37 | 102.31 | 99.21 | 95.68 | 92.09 |
| 180 | 113.57 | 111.35 | 109.31 | 107.54 | 105.69 | 102.82 | 98.97 | 94.73 | 90.46 |

WAC is the weighted average coupon of the underlying collateral. To approximate the pass-through rate, subtract 50 basis points.

Fixed-Rate Balloon Mortgage Pool Security Prices
As a Percent of the Underlying Mortgage Balance
As of June 30, 1998

4

| Maturity | Interest Rate Scenarios | | | | | | | | |
|----------|-------------------------|--------|--------|--------|--------|--------|-------|-------|-------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| WAC 6% | | | | | | | | | |
| 48 | 104.15 | 102.88 | 101.79 | 100.12 | 97.62 | 94.99 | 92.40 | 89.87 | 87.41 |
| 60 | 104.23 | 102.94 | 101.88 | 100.11 | 97.31 | 94.33 | 91.40 | 88.55 | 85.81 |
| 72 | 104.51 | 103.16 | 102.04 | 100.10 | 96.97 | 93.63 | 90.34 | 87.17 | 84.13 |
| 84 | 106.23 | 104.33 | 102.68 | 100.08 | 96.37 | 92.46 | 88.65 | 84.99 | 81.50 |
| WAC 6.5% | | | | | | | | | |
| 48 | 105.22 | 103.93 | 102.83 | 101.80 | 99.67 | 97.11 | 94.52 | 91.97 | 89.48 |
| 60 | 105.33 | 104.02 | 102.93 | 101.93 | 99.62 | 96.74 | 93.80 | 90.93 | 88.14 |
| 72 | 105.68 | 104.31 | 103.20 | 102.10 | 99.54 | 96.32 | 93.02 | 89.80 | 86.69 |
| 84 | 107.90 | 105.96 | 104.35 | 102.59 | 99.41 | 95.60 | 91.75 | 88.00 | 84.41 |
| WAC 7% | | | | | | | | | |
| 48 | 105.80 | 104.50 | 103.31 | 102.43 | 100.76 | 98.35 | 95.79 | 93.26 | 90.78 |
| 60 | 105.91 | 104.59 | 103.40 | 102.57 | 100.81 | 98.13 | 95.25 | 92.40 | 89.61 |
| 72 | 106.32 | 104.93 | 103.70 | 102.81 | 100.87 | 97.87 | 94.64 | 91.42 | 88.30 |
| 84 | 108.84 | 106.86 | 105.11 | 103.62 | 101.01 | 97.42 | 93.60 | 89.84 | 86.22 |
| WAC 7.5% | | | | | | | | | |
| 48 | 106.13 | 104.84 | 103.62 | 102.66 | 101.38 | 99.19 | 96.72 | 94.24 | 91.79 |
| 60 | 106.25 | 104.94 | 103.71 | 102.77 | 101.48 | 99.08 | 96.31 | 93.51 | 90.76 |
| 72 | 106.72 | 105.32 | 104.04 | 103.05 | 101.61 | 98.92 | 95.80 | 92.63 | 89.54 |
| 84 | 109.48 | 107.48 | 105.63 | 104.09 | 101.95 | 98.65 | 94.93 | 91.19 | 87.56 |
| WAC 8% | | | | | | | | | |
| 48 | 106.29 | 105.03 | 103.81 | 102.74 | 101.69 | 99.79 | 97.45 | 95.05 | 92.67 |
| 60 | 106.41 | 105.12 | 103.89 | 102.83 | 101.79 | 99.74 | 97.14 | 94.43 | 91.77 |
| 72 | 106.96 | 105.58 | 104.26 | 103.15 | 101.97 | 99.65 | 96.70 | 93.62 | 90.58 |
| 84 | 109.95 | 107.94 | 106.03 | 104.36 | 102.49 | 99.52 | 95.94 | 92.25 | 88.63 |
| WAC 8.5% | | | | | | | | | |
| 48 | 106.69 | 105.45 | 104.26 | 103.17 | 102.27 | 100.78 | 98.66 | 96.36 | 94.07 |
| 60 | 106.81 | 105.56 | 104.35 | 103.26 | 102.39 | 100.82 | 98.48 | 95.92 | 93.35 |
| 72 | 107.51 | 106.14 | 104.83 | 103.66 | 102.68 | 100.89 | 98.20 | 95.24 | 92.26 |
| 84 | 110.92 | 108.89 | 106.96 | 105.22 | 103.57 | 101.07 | 97.72 | 94.09 | 90.47 |

WAC is the weighted average coupon of the underlying collateral. To approximate the pass-through rate, subtract 50 basis points.

6-Month Treasury ARM Security Prices
As a Percent of the Underlying Mortgage Balance
As of June 30, 1998

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| Margin | Lifetime Cap | Months to Reset | Interest Rate Scenarios | | | | | | | | |
|---------------|--------------|-----------------|-------------------------|--------|--------|--------|--------|--------|--------|--------|-------|
| | | | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| WAC 7% | | | | | | | | | | | |
| 2.0% | 11.0% | 2 | 100.99 | 99.97 | 99.31 | 98.85 | 98.74 | 98.38 | 97.13 | 95.10 | 92.36 |
| 2.0 | 11.0 | 6 | 101.79 | 100.59 | 99.71 | 99.21 | 98.71 | 97.79 | 96.29 | 94.08 | 91.25 |
| 2.0 | 15.0 | 2 | 100.99 | 99.97 | 99.31 | 98.85 | 98.75 | 98.46 | 97.47 | 96.08 | 94.36 |
| 2.0 | 15.0 | 6 | 101.79 | 100.59 | 99.71 | 99.21 | 98.72 | 97.88 | 96.62 | 95.02 | 93.10 |
| 3.5 | 11.0 | 2 | 103.63 | 103.20 | 103.06 | 103.00 | 102.41 | 101.08 | 98.91 | 96.02 | 92.74 |
| 3.5 | 11.0 | 6 | 104.09 | 103.54 | 103.23 | 102.74 | 101.80 | 100.26 | 97.93 | 94.96 | 91.63 |
| 3.5 | 15.0 | 2 | 103.63 | 103.20 | 103.06 | 103.01 | 102.47 | 101.43 | 100.01 | 98.22 | 96.07 |
| 3.5 | 15.0 | 6 | 104.09 | 103.54 | 103.23 | 102.75 | 101.87 | 100.60 | 98.96 | 96.98 | 94.66 |
| WAC 9% | | | | | | | | | | | |
| 2.0 | 13.0 | 2 | 103.67 | 102.18 | 100.92 | 99.95 | 99.29 | 98.82 | 98.70 | 98.23 | 96.88 |
| 2.0 | 13.0 | 6 | 104.71 | 103.11 | 101.71 | 100.55 | 99.70 | 99.19 | 98.62 | 97.63 | 96.08 |
| 2.0 | 17.0 | 2 | 105.00 | 102.62 | 100.97 | 99.95 | 99.29 | 98.83 | 98.73 | 98.38 | 97.35 |
| 2.0 | 17.0 | 6 | 105.87 | 103.51 | 101.76 | 100.55 | 99.70 | 99.19 | 98.66 | 97.78 | 96.53 |
| 3.5 | 13.0 | 2 | 105.39 | 104.40 | 103.72 | 103.26 | 103.07 | 102.94 | 102.17 | 100.69 | 98.52 |
| 3.5 | 13.0 | 6 | 106.19 | 105.04 | 104.15 | 103.60 | 103.23 | 102.63 | 101.56 | 99.88 | 97.57 |
| 3.5 | 17.0 | 2 | 105.41 | 104.40 | 103.72 | 103.26 | 103.07 | 102.97 | 102.32 | 101.20 | 99.71 |
| 3.5 | 17.0 | 6 | 106.21 | 105.04 | 104.15 | 103.60 | 103.23 | 102.66 | 101.70 | 100.36 | 98.69 |

The prices listed are for mortgage securities with the following characteristics:

- WARM of 330 months.
- Lifetime floor 1200 basis points below the lifetime cap.
- Periodic cap and floor of 100 basis points.

WAC, margin, and lifetime cap pertain to the underlying mortgage loans.

12-Month Treasury ARM Security Prices
As a Percent of the Underlying Mortgage Balance
As of June 30, 1998

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| Margin | Lifetime Cap | Months to Reset | Interest Rate Scenarios | | | | | | | | |
|---------------|--------------|-----------------|-------------------------|--------|--------|--------|--------|--------|--------|--------|-------|
| | | | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| WAC 7% | | | | | | | | | | | |
| 2.0% | 11.0% | 2 | 100.78 | 99.83 | 99.19 | 99.11 | 99.00 | 98.83 | 97.97 | 95.95 | 93.20 |
| 2.0 | 11.0 | 12 | 102.65 | 101.30 | 100.45 | 99.63 | 98.76 | 97.61 | 95.82 | 93.41 | 90.45 |
| 2.0 | 15.0 | 2 | 100.78 | 99.83 | 99.19 | 99.11 | 99.01 | 98.92 | 98.38 | 97.12 | 95.49 |
| 2.0 | 15.0 | 12 | 102.65 | 101.30 | 100.45 | 99.63 | 98.77 | 97.72 | 96.22 | 94.41 | 92.31 |
| 3.5 | 11.0 | 2 | 103.29 | 103.20 | 103.18 | 103.13 | 103.00 | 101.77 | 99.65 | 96.75 | 93.48 |
| 3.5 | 11.0 | 12 | 104.69 | 104.00 | 103.32 | 102.61 | 101.46 | 99.68 | 97.19 | 94.11 | 90.74 |
| 3.5 | 15.0 | 2 | 103.29 | 103.20 | 103.18 | 103.14 | 103.07 | 102.20 | 100.92 | 99.23 | 97.17 |
| 3.5 | 15.0 | 12 | 104.69 | 104.00 | 103.32 | 102.62 | 101.55 | 100.07 | 98.26 | 96.10 | 93.65 |
| WAC 8% | | | | | | | | | | | |
| 2.0 | 12.0 | 2 | 101.70 | 100.76 | 99.80 | 99.19 | 99.10 | 98.98 | 98.79 | 97.83 | 95.82 |
| 2.0 | 12.0 | 12 | 103.98 | 102.60 | 101.29 | 100.43 | 99.60 | 98.72 | 97.52 | 95.73 | 93.35 |
| 2.0 | 16.0 | 2 | 101.84 | 100.76 | 99.80 | 99.19 | 99.10 | 99.01 | 98.91 | 98.32 | 97.04 |
| 2.0 | 16.0 | 12 | 104.10 | 102.60 | 101.29 | 100.43 | 99.61 | 98.75 | 97.67 | 96.18 | 94.38 |
| 3.5 | 12.0 | 2 | 104.14 | 103.36 | 103.25 | 103.21 | 103.13 | 102.93 | 101.59 | 99.44 | 96.63 |
| 3.5 | 12.0 | 12 | 105.66 | 104.72 | 104.03 | 103.34 | 102.57 | 101.35 | 99.49 | 97.03 | 94.05 |
| 3.5 | 16.0 | 2 | 104.14 | 103.36 | 103.25 | 103.22 | 103.15 | 103.05 | 102.11 | 100.78 | 99.08 |
| 3.5 | 16.0 | 12 | 105.66 | 104.72 | 104.03 | 103.34 | 102.59 | 101.49 | 99.97 | 98.14 | 95.97 |

The prices listed are for mortgage securities with the following characteristics:

- WARM of 330 months.
- Lifetime floor 1200 basis points below the lifetime cap.
- Periodic cap and floor of 200 basis points.

WAC, margin, and lifetime cap pertain to the underlying mortgage loans.

36-Month Treasury ARM Security Prices
As a Percent of the Underlying Mortgage Balance
As of June 30, 1998

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| Margin | Lifetime Cap | Months to Reset | Interest Rate Scenarios | | | | | | | | |
|---------------|--------------|-----------------|-------------------------|--------|--------|--------|--------|--------|--------|-------|-------|
| | | | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| WAC 7% | | | | | | | | | | | |
| 2.0% | 11% | 2 | 102.21 | 100.38 | 99.34 | 99.23 | 99.09 | 98.92 | 97.33 | 94.47 | 91.27 |
| 2.0 | 11.0 | 18 | 104.36 | 102.82 | 101.74 | 100.61 | 99.29 | 97.23 | 94.43 | 91.25 | 87.87 |
| 2.0 | 15.0 | 2 | 102.21 | 100.38 | 99.34 | 99.23 | 99.10 | 98.98 | 97.53 | 94.89 | 91.97 |
| 2.0 | 15.0 | 18 | 104.36 | 102.82 | 101.74 | 100.61 | 99.30 | 97.29 | 94.58 | 91.56 | 88.36 |
| 3.5 | 11.0 | 2 | 103.26 | 103.27 | 103.26 | 103.20 | 102.99 | 100.80 | 98.03 | 94.80 | 91.38 |
| 3.5 | 11.0 | 18 | 105.87 | 104.89 | 103.95 | 102.77 | 100.74 | 98.08 | 94.94 | 91.51 | 87.97 |
| 3.5 | 15.0 | 2 | 103.26 | 103.27 | 103.26 | 103.21 | 103.04 | 101.00 | 98.47 | 95.53 | 92.36 |
| 3.5 | 15.0 | 18 | 105.87 | 104.89 | 103.95 | 102.78 | 100.79 | 98.23 | 95.26 | 92.02 | 88.65 |
| WAC 8% | | | | | | | | | | | |
| 2.0 | 12.0 | 2 | 103.95 | 102.21 | 100.35 | 99.32 | 99.19 | 99.05 | 98.85 | 97.20 | 94.41 |
| 2.0 | 12.0 | 18 | 106.32 | 104.34 | 102.81 | 101.70 | 100.55 | 99.17 | 97.11 | 94.37 | 91.30 |
| 2.0 | 16.0 | 2 | 103.96 | 102.21 | 100.35 | 99.32 | 99.19 | 99.07 | 98.93 | 97.41 | 94.81 |
| 2.0 | 16.0 | 18 | 106.33 | 104.34 | 102.81 | 101.70 | 100.56 | 99.19 | 97.16 | 94.52 | 91.59 |
| 3.5 | 12.0 | 2 | 104.94 | 103.34 | 103.33 | 103.28 | 103.18 | 102.88 | 100.62 | 97.88 | 94.75 |
| 3.5 | 12.0 | 18 | 106.92 | 105.89 | 104.92 | 103.96 | 102.68 | 100.60 | 97.93 | 94.86 | 91.56 |
| 3.5 | 16.0 | 2 | 104.94 | 103.34 | 103.33 | 103.28 | 103.19 | 102.95 | 100.83 | 98.30 | 95.42 |
| 3.5 | 16.0 | 18 | 106.92 | 105.89 | 104.92 | 103.96 | 102.69 | 100.66 | 98.09 | 95.17 | 92.02 |

The prices listed are for mortgage securities with the following characteristics:

- WARM of 330 months.
- Lifetime floor 1200 basis points below the lifetime cap.
- Periodic cap and floor of 200 basis points.

WAC, margin, and lifetime cap pertain to the underlying mortgage loans.

1-Month COFI ARM Security Prices
As a Percent of the Underlying Mortgage Balance
As of June 30, 1998

8

| Margin | Lifetime Cap | Interest Rate Scenarios | | | | | | | | |
|---------------|--------------|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| WAC 7% | | | | | | | | | | |
| 2.0% | 11% | 103.42 | 102.73 | 102.02 | 101.28 | 100.51 | 99.67 | 98.61 | 97.00 | 94.56 |
| 2.0 | 15 | 104.68 | 102.90 | 102.03 | 101.28 | 100.52 | 99.74 | 98.95 | 98.14 | 97.28 |
| 3.5 | 11 | 107.12 | 106.54 | 105.97 | 105.39 | 104.76 | 103.82 | 102.11 | 99.43 | 96.18 |
| 3.5 | 15 | 107.12 | 106.54 | 105.97 | 105.40 | 104.81 | 104.19 | 103.51 | 102.73 | 101.78 |
| WAC 8% | | | | | | | | | | |
| 2.0 | 12.0 | 103.42 | 102.73 | 102.02 | 101.29 | 100.53 | 99.73 | 98.85 | 97.74 | 96.14 |
| 2.0 | 16.0 | 106.51 | 104.27 | 102.29 | 101.31 | 100.53 | 99.75 | 98.96 | 98.16 | 97.35 |
| 3.5 | 12.0 | 107.10 | 106.53 | 105.95 | 105.37 | 104.76 | 104.05 | 103.01 | 101.26 | 98.69 |
| 3.5 | 16.0 | 107.52 | 106.54 | 105.96 | 105.38 | 104.78 | 104.15 | 103.47 | 102.73 | 101.91 |

The prices listed are for mortgage securities with the following characteristics:

- WARM of 330 months.
- Lifetime floor 1000 basis points below the lifetime cap.
- Annual Payment cap of 7.5%

WAC, margin , and lifetime cap pertain to the underlying mortgage loans.

12-Month COFI ARM Security Prices
As a Percent of the Underlying Mortgage Balance
As of June 30, 1998

9

| Margin | Lifetime Cap | Months to Reset | Interest Rate Scenarios | | | | | | | | |
|---------------|--------------|-----------------|-------------------------|--------|--------|--------|--------|--------|--------|-------|-------|
| | | | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| WAC 6% | | | | | | | | | | | |
| 2.0% | 10% | 2 | 103.72 | 102.61 | 101.50 | 100.35 | 99.12 | 97.69 | 95.59 | 92.50 | 89.01 |
| 2.0 | 10.0 | 12 | 102.94 | 101.90 | 100.84 | 99.72 | 98.52 | 96.96 | 94.65 | 91.54 | 88.03 |
| 2.0 | 14.0 | 2 | 103.79 | 102.61 | 101.50 | 100.35 | 99.15 | 97.91 | 96.45 | 94.60 | 92.39 |
| 2.0 | 14.0 | 12 | 103.02 | 101.90 | 100.84 | 99.72 | 98.56 | 97.18 | 95.45 | 93.41 | 91.06 |
| 3.5 | 10.0 | 2 | 106.89 | 105.91 | 104.94 | 103.95 | 102.77 | 100.83 | 97.89 | 94.46 | 90.90 |
| 3.5 | 10.0 | 12 | 105.48 | 104.58 | 103.70 | 102.51 | 100.90 | 98.48 | 95.26 | 91.70 | 88.06 |
| 3.5 | 14.0 | 2 | 106.89 | 105.91 | 104.94 | 103.98 | 102.99 | 101.86 | 100.33 | 98.38 | 95.98 |
| 3.5 | 14.0 | 12 | 105.48 | 104.58 | 103.70 | 102.54 | 101.13 | 99.41 | 97.32 | 94.90 | 92.15 |
| WAC 8% | | | | | | | | | | | |
| 2.0 | 12.0 | 2 | 103.86 | 102.76 | 101.66 | 100.52 | 99.32 | 98.08 | 96.56 | 94.51 | 91.88 |
| 2.0 | 12.0 | 12 | 104.98 | 103.60 | 102.37 | 101.30 | 100.19 | 99.03 | 97.80 | 96.36 | 94.34 |
| 2.0 | 16.0 | 2 | 106.32 | 104.04 | 101.88 | 100.54 | 99.33 | 98.09 | 96.65 | 94.83 | 92.73 |
| 2.0 | 16.0 | 12 | 106.95 | 104.67 | 102.58 | 101.32 | 100.19 | 99.05 | 97.89 | 96.69 | 95.23 |
| 3.5 | 12.0 | 2 | 107.32 | 106.32 | 105.35 | 104.39 | 103.40 | 102.27 | 100.67 | 98.25 | 95.23 |
| 3.5 | 12.0 | 12 | 106.91 | 105.98 | 105.07 | 104.16 | 103.22 | 102.12 | 100.49 | 98.10 | 95.09 |
| 3.5 | 16.0 | 2 | 107.65 | 106.33 | 105.35 | 104.39 | 103.41 | 102.35 | 101.04 | 99.32 | 97.26 |
| 3.5 | 16.0 | 12 | 107.24 | 105.99 | 105.07 | 104.16 | 103.23 | 102.20 | 100.85 | 99.12 | 97.04 |

The prices listed are for mortgage securities with the following characteristics:

- WARM of 330 months.
- Lifetime floor 1000 basis points below the lifetime cap.
- Periodic cap and floor of 200 basis points.

WAC, margin , and lifetime cap pertain to the underlying mortgage loans.

Price Indications For Fixed-Rate MBS
As of June 30,1998

10

FNMA 30-year Fixed-Rate MBS

| Coupon | | WAC | | WAM | | Price |
|--------|---|-------|---|-----|-----|--------|
| 6.00 | % | 6.78 | % | 331 | mo. | 97.39 |
| 6.50 | | 7.15 | | 327 | | 99.61 |
| 7.00 | | 7.59 | | 319 | | 101.42 |
| 7.50 | | 8.05 | | 314 | | 102.61 |
| 8.00 | | 8.54 | | 298 | | 103.50 |
| 8.50 | | 9.00 | | 277 | | 104.41 |
| 9.00 | | 9.59 | | 257 | | 105.78 |
| 9.50 | | 10.09 | | 241 | | 106.91 |

GNMA 30-year Fixed-Rate MBS

| Coupon | | WAC | | WAM | | Price |
|--------|---|-------|---|-----|-----|--------|
| 6.00 | % | 6.50 | % | 319 | mo. | 97.70 |
| 6.50 | | 7.00 | | 322 | | 99.80 |
| 7.00 | | 7.50 | | 319 | | 101.58 |
| 7.50 | | 8.00 | | 312 | | 102.80 |
| 8.00 | | 8.50 | | 296 | | 103.62 |
| 8.50 | | 9.00 | | 283 | | 105.50 |
| 9.00 | | 9.50 | | 236 | | 106.91 |
| 9.50 | | 10.00 | | 226 | | 107.91 |

Source: Bloomberg Financial Markets

(continued)

| |
|---|
| Price Indications For Fixed-Rate MBS As of June 30, 1998 |
|---|

11

FNMA 15-year Fixed-Rate MBS

| Coupon | | WAC | | WAM | | Price |
|--------|---|------|---|-----|-----|--------|
| 5.50 | % | 6.21 | % | 138 | mo. | 97.00 |
| 6.00 | | 6.66 | | 145 | | 98.94 |
| 6.50 | | 7.06 | | 140 | | 100.59 |
| 7.00 | | 7.55 | | 133 | | 101.84 |
| 7.50 | | 8.02 | | 124 | | 102.78 |
| 8.00 | | 8.52 | | 114 | | 103.16 |

FNMA 7/30-year Balloon MBS

| Coupon | | WAC | | WAM * | | Price |
|--------|---|------|---|-------|-----|--------|
| 5.50 | % | 6.18 | % | 40 | mo. | 97.87 |
| 6.00 | | 6.64 | | 44 | | 99.69 |
| 6.50 | | 7.10 | | 49 | | 100.75 |
| 7.00 | | 7.58 | | 53 | | 101.41 |
| 7.50 | | 8.01 | | 46 | | 101.66 |

* Months until balloon payment.

Source: Bloomberg Financial Markets

| |
|---|
| CMT and COFI ARM Securities Price Indications As of June 30,1998 |
|---|

12

| | 6-mo Bill | 1-Yr CMT | 3-Yr CMT | 1-Mo COFI * | 12-Mo COFI |
|---------------------|-----------|----------|----------|-------------|------------|
| Pass-Thru Rate (%) | 7.50 | 7.50 | 7.00 | 6.15 | 7.15 |
| Net Margin (b.p.) | 225 | 225 | 225 | 125 | 225 |
| Life Rate Cap (%) | 12.00 | 12.00 | 12.00 | 13.00 | 13.00 |
| Period Rate Cap (%) | 1.00 | 2.00 | 2.00 | n.a. | 2.00 |
| WAM (months) | 333 | 330 | 357 | 330 | 330 |
| Roll Month | Sep-1998 | Dec-1998 | Mar-2001 | n.a. | Dec-1998 |
| Price | 101.94 | 102.19 | 101.03 | 100.53 | 102.27 |

* 1-mo COFI ARMS have 7.5% payment cap and permit negative amortization

Source: Median bid-side price indications supplied by five securities firms.

Prepayment Rate Estimates for Seasoned
30-Year Conventional Fixed-Rate Mortgages
(Annual CPR, in Percent)
As of June 30, 1998

| Coupon | Interest Rate Scenarios | | | | | | | | |
|--------|-------------------------|------|------|------|----|------|------|------|------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| 6.5 | 40 | 37 | 28 | 14 | 10 | 8 | 7 | 7 | 6 |
| 7.0 | 40 | 38 | 33 | 19 | 11 | 9 | 8 | 7 | 7 |
| 7.5 | 40 | 39 | 35 | 25 | 14 | 10 | 8 | 7 | 7 |
| 8.0 | 41 | 39 | 37 | 30 | 18 | 12 | 9 | 8 | 7 |
| 8.5 | 41 | 40 | 38 | 34 | 23 | 14 | 10 | 9 | 8 |
| 9.0 | 41 | 40 | 39 | 36 | 28 | 17 | 12 | 9 | 8 |
| 9.5 | 41 | 40 | 39 | 37 | 32 | 21 | 14 | 10 | 9 |
| 10.0 | 41 | 41 | 40 | 38 | 34 | 26 | 16 | 12 | 10 |

Prepayment Rate Estimates for Seasoned
30-Year FHA/VA Fixed-Rate Mortgages
(Annual CPR, in Percent)
As of June 30, 1998

| Coupon | Interest Rate Scenarios | | | | | | | | |
|--------|-------------------------|------|------|------|----|------|------|------|------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| 6.5 | 37 | 34 | 25 | 13 | 9 | 8 | 7 | 6 | 6 |
| 7.0 | 37 | 35 | 29 | 17 | 11 | 9 | 7 | 7 | 6 |
| 7.5 | 38 | 36 | 32 | 22 | 13 | 10 | 8 | 7 | 7 |
| 8.0 | 38 | 37 | 34 | 27 | 16 | 11 | 9 | 8 | 7 |
| 8.5 | 38 | 37 | 35 | 30 | 21 | 13 | 10 | 8 | 7 |
| 9.0 | 38 | 37 | 36 | 33 | 25 | 16 | 11 | 9 | 8 |
| 9.5 | 38 | 38 | 36 | 34 | 29 | 19 | 13 | 10 | 8 |
| 10.0 | 38 | 38 | 37 | 35 | 31 | 23 | 15 | 11 | 9 |

Prepayment Rate Estimates for Seasoned
15-Year Conventional Fixed-Rate Mortgages
(Annual CPR, in Percent)
As of June 30, 1998

| Coupon | Interest Rate Scenarios | | | | | | | | |
|--------|-------------------------|------|------|------|----|------|------|------|------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| 6.5 | 44 | 39 | 27 | 16 | 11 | 9 | 8 | 7 | 7 |
| 7.0 | 45 | 41 | 33 | 20 | 13 | 10 | 9 | 8 | 7 |
| 7.5 | 45 | 43 | 37 | 25 | 16 | 11 | 9 | 8 | 8 |
| 8.0 | 46 | 43 | 39 | 30 | 19 | 13 | 10 | 9 | 8 |
| 8.5 | 46 | 44 | 41 | 34 | 23 | 15 | 12 | 10 | 9 |
| 9.0 | 46 | 45 | 42 | 37 | 28 | 18 | 13 | 11 | 9 |

Prepayment Rate Estimates for Fixed-Rate Balloon Mortgages
(Annual CPR, in Percent)
As of June 30, 1998

| Coupon | Interest Rate Scenarios | | | | | | | | |
|--------|-------------------------|------|------|------|----|------|------|------|------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| 6.5 | 60 | 57 | 47 | 27 | 18 | 16 | 14 | 14 | 13 |
| 7.0 | 61 | 58 | 52 | 35 | 21 | 17 | 15 | 14 | 14 |
| 7.5 | 61 | 59 | 55 | 44 | 26 | 19 | 16 | 15 | 14 |
| 8.0 | 61 | 60 | 57 | 50 | 33 | 22 | 18 | 16 | 15 |
| 8.5 | 62 | 60 | 58 | 53 | 41 | 26 | 19 | 17 | 15 |
| 9.0 | 62 | 61 | 59 | 56 | 47 | 32 | 22 | 18 | 16 |

Explanation of Tables Containing
Annual CPR Estimates for Fixed-Rate Mortgages

These tables list estimated prepayment rates for moderately seasoned mortgage loans. To use the tables for mortgage-backed securities, match in WAC of the underlying collateral with the coupon in the table, or if the WAC is unknown, add 50 basis points to the pass-through rate as an approximation.

These prepayment rate estimates were generated using the OTS NPV Model prepayment functions in a "static" analysis where interest rates, once shocked, are assumed to prevail throughout the remaining life of each mortgage. As such, the prepayment rates differ somewhat from the estimates used in the option-based mortgage pricing model that calculates the mortgage prices used in the NPV Model.

The OTS NPV Model prepayment functions are based on the long-term payment rate forecasts of a number of Wall Street firms. The prepayment functions are updated periodically as these firms revise their forecasts. These estimates should serve only as a general guideline to current prepayment rates. Institutions may use prepayment rates that are different from these in their TB 13 analyses, but their estimates should be reasonable and well documented.

Conventional FRM Servicing Cost
Present Value of Future Servicing Cost Per Loan
As of June 30,1998

| Maturity | Interest Rate Scenarios | | | | | | | | |
|----------|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| WAC 6.5% | | | | | | | | | |
| 180 | 161.19 | 169.34 | 204.49 | 265.02 | 293.05 | 296.63 | 291.45 | 283.12 | 273.68 |
| 240 | 118.24 | 126.38 | 168.70 | 258.97 | 306.33 | 317.31 | 314.43 | 306.21 | 295.88 |
| 330 | 118.26 | 126.60 | 169.98 | 262.89 | 311.92 | 323.17 | 319.88 | 310.98 | 299.93 |
| 360 | 175.79 | 185.49 | 234.56 | 313.64 | 351.13 | 357.24 | 350.58 | 339.06 | 325.86 |
| WAC 7% | | | | | | | | | |
| 180 | 159.46 | 163.82 | 185.50 | 237.88 | 277.50 | 288.05 | 286.06 | 279.33 | 270.80 |
| 240 | 116.76 | 121.44 | 145.66 | 219.21 | 282.16 | 303.31 | 305.41 | 299.81 | 291.03 |
| 330 | 116.77 | 121.54 | 146.26 | 221.50 | 286.26 | 308.07 | 310.09 | 304.05 | 294.71 |
| 360 | 174.71 | 179.58 | 208.89 | 278.10 | 328.53 | 344.21 | 342.59 | 333.81 | 322.22 |
| WAC 7.5% | | | | | | | | | |
| 180 | 157.79 | 159.90 | 173.09 | 212.44 | 258.66 | 277.18 | 279.24 | 274.55 | 267.14 |
| 240 | 115.26 | 118.00 | 132.13 | 183.71 | 253.95 | 286.12 | 294.24 | 291.86 | 284.95 |
| 330 | 115.26 | 118.05 | 132.42 | 184.93 | 256.72 | 289.81 | 298.13 | 295.53 | 288.22 |
| 360 | 173.94 | 176.16 | 193.32 | 245.89 | 303.34 | 328.81 | 333.16 | 327.69 | 318.03 |
| WAC 8% | | | | | | | | | |
| 180 | 155.94 | 156.64 | 164.60 | 191.79 | 237.25 | 263.76 | 270.62 | 268.46 | 262.44 |
| 240 | 113.44 | 115.03 | 123.52 | 156.83 | 222.86 | 265.50 | 280.39 | 281.81 | 277.12 |
| 330 | 113.44 | 115.06 | 123.66 | 157.45 | 224.60 | 268.20 | 283.48 | 284.89 | 279.95 |
| 360 | 173.33 | 174.02 | 183.99 | 220.48 | 277.00 | 311.29 | 322.17 | 320.58 | 313.20 |
| WAC 8.5% | | | | | | | | | |
| 180 | 153.83 | 153.64 | 158.32 | 176.34 | 215.22 | 248.04 | 260.19 | 261.02 | 256.69 |
| 240 | 111.17 | 112.03 | 117.25 | 138.13 | 191.71 | 241.86 | 263.76 | 269.46 | 267.33 |
| 330 | 111.18 | 112.05 | 117.32 | 138.45 | 192.72 | 243.72 | 266.12 | 271.95 | 269.72 |
| 360 | 172.82 | 172.57 | 178.24 | 202.33 | 251.50 | 292.20 | 309.66 | 312.42 | 307.67 |
| WAC 9.5% | | | | | | | | | |
| 180 | 150.18 | 148.97 | 150.16 | 157.75 | 179.78 | 214.10 | 236.56 | 244.44 | 244.32 |
| 240 | 106.86 | 106.90 | 108.91 | 117.36 | 144.56 | 192.88 | 227.39 | 242.39 | 246.19 |
| 330 | 106.86 | 106.90 | 108.94 | 117.45 | 144.87 | 193.64 | 228.61 | 243.88 | 247.76 |
| 360 | 172.06 | 170.76 | 172.13 | 181.99 | 210.87 | 252.53 | 281.14 | 293.10 | 294.52 |

This table lists the estimated net present value of the cost (less ancillary income) to service one mortgage over its remaining life.

Conventional FRM Servicing Fee
As a Percent of the Underlying Mortgage Balance
As of June 30, 1998

| Maturity | Interest Rate Scenarios | | | | | | | | |
|----------|-------------------------|------|------|------|------|------|------|------|------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| WAC 6.5% | | | | | | | | | |
| 180 | 1.19 | 1.23 | 1.42 | 1.76 | 1.91 | 1.93 | 1.90 | 1.86 | 1.81 |
| 240 | 0.94 | 0.99 | 1.27 | 1.85 | 2.15 | 2.22 | 2.20 | 2.15 | 2.09 |
| 330 | 0.96 | 1.02 | 1.34 | 2.01 | 2.35 | 2.43 | 2.41 | 2.35 | 2.28 |
| 360 | 1.43 | 1.50 | 1.85 | 2.42 | 2.69 | 2.73 | 2.69 | 2.61 | 2.51 |
| WAC 7% | | | | | | | | | |
| 180 | 1.18 | 1.20 | 1.32 | 1.62 | 1.84 | 1.90 | 1.89 | 1.85 | 1.81 |
| 240 | 0.93 | 0.96 | 1.12 | 1.61 | 2.02 | 2.15 | 2.16 | 2.13 | 2.08 |
| 330 | 0.95 | 0.99 | 1.17 | 1.72 | 2.19 | 2.35 | 2.36 | 2.32 | 2.26 |
| 360 | 1.42 | 1.46 | 1.67 | 2.18 | 2.55 | 2.66 | 2.65 | 2.58 | 2.50 |
| WAC 7.5% | | | | | | | | | |
| 180 | 1.17 | 1.18 | 1.25 | 1.48 | 1.75 | 1.85 | 1.86 | 1.84 | 1.80 |
| 240 | 0.92 | 0.94 | 1.03 | 1.38 | 1.85 | 2.06 | 2.11 | 2.09 | 2.05 |
| 330 | 0.94 | 0.96 | 1.07 | 1.46 | 1.99 | 2.23 | 2.29 | 2.27 | 2.22 |
| 360 | 1.42 | 1.44 | 1.56 | 1.96 | 2.38 | 2.57 | 2.60 | 2.56 | 2.49 |
| WAC 8% | | | | | | | | | |
| 180 | 1.17 | 1.17 | 1.21 | 1.37 | 1.64 | 1.79 | 1.83 | 1.81 | 1.78 |
| 240 | 0.91 | 0.92 | 0.98 | 1.21 | 1.66 | 1.94 | 2.03 | 2.04 | 2.01 |
| 330 | 0.93 | 0.94 | 1.01 | 1.26 | 1.77 | 2.09 | 2.20 | 2.21 | 2.17 |
| 360 | 1.42 | 1.42 | 1.50 | 1.77 | 2.20 | 2.45 | 2.53 | 2.52 | 2.46 |
| WAC 8.5% | | | | | | | | | |
| 180 | 1.15 | 1.15 | 1.18 | 1.28 | 1.51 | 1.71 | 1.78 | 1.78 | 1.76 |
| 240 | 0.89 | 0.90 | 0.93 | 1.08 | 1.45 | 1.80 | 1.94 | 1.97 | 1.96 |
| 330 | 0.91 | 0.92 | 0.96 | 1.12 | 1.53 | 1.92 | 2.08 | 2.13 | 2.11 |
| 360 | 1.42 | 1.42 | 1.46 | 1.64 | 2.02 | 2.32 | 2.45 | 2.47 | 2.44 |
| WAC 9.5% | | | | | | | | | |
| 180 | 1.14 | 1.13 | 1.13 | 1.18 | 1.31 | 1.52 | 1.66 | 1.70 | 1.70 |
| 240 | 0.86 | 0.86 | 0.88 | 0.94 | 1.13 | 1.48 | 1.72 | 1.82 | 1.84 |
| 330 | 0.88 | 0.88 | 0.89 | 0.96 | 1.17 | 1.55 | 1.82 | 1.94 | 1.96 |
| 360 | 1.42 | 1.41 | 1.42 | 1.49 | 1.72 | 2.04 | 2.26 | 2.35 | 2.36 |

This table lists the estimated present value of the flow of servicing fees over the remaining life of \$100 of mortgages serviced. The values were calculated assuming an annual fee of 50 basis points.

FHA/VA FRM Servicing Cost
Present Value of Future Servicing Cost Per Loan
As of June 30,1998

| Maturity | Interest Rate Scenarios | | | | | | | | |
|----------|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| WAC 6.5% | | | | | | | | | |
| 180 | 170.85 | 177.48 | 209.05 | 261.35 | 281.46 | 281.48 | 275.10 | 266.63 | 257.55 |
| 240 | 124.43 | 133.81 | 176.83 | 255.72 | 294.82 | 303.43 | 300.27 | 292.49 | 282.90 |
| 330 | 124.46 | 134.07 | 178.13 | 259.13 | 299.45 | 308.19 | 304.66 | 296.33 | 286.15 |
| 360 | 179.71 | 190.60 | 237.99 | 305.13 | 335.10 | 339.07 | 332.43 | 321.72 | 309.60 |
| WAC 7% | | | | | | | | | |
| 180 | 169.35 | 172.45 | 191.62 | 238.26 | 269.59 | 275.30 | 271.31 | 263.99 | 255.55 |
| 240 | 122.83 | 128.31 | 154.11 | 221.51 | 274.11 | 291.27 | 292.35 | 286.85 | 278.59 |
| 330 | 122.85 | 128.44 | 154.76 | 223.60 | 277.57 | 295.20 | 296.16 | 290.28 | 281.56 |
| 360 | 178.47 | 184.19 | 213.84 | 274.97 | 316.14 | 328.04 | 325.60 | 317.21 | 306.44 |
| WAC 7.5% | | | | | | | | | |
| 180 | 167.91 | 168.92 | 180.25 | 215.65 | 254.57 | 267.20 | 266.40 | 260.59 | 252.95 |
| 240 | 121.28 | 124.55 | 140.10 | 189.91 | 249.95 | 276.49 | 282.68 | 279.93 | 273.29 |
| 330 | 121.29 | 124.62 | 140.43 | 191.10 | 252.37 | 279.58 | 285.88 | 282.92 | 275.94 |
| 360 | 177.59 | 180.39 | 198.41 | 246.91 | 294.89 | 315.07 | 317.59 | 311.96 | 302.83 |
| WAC 8% | | | | | | | | | |
| 180 | 166.27 | 165.99 | 172.47 | 196.83 | 236.70 | 256.81 | 259.97 | 256.11 | 249.50 |
| 240 | 119.53 | 121.46 | 131.04 | 164.81 | 223.29 | 258.89 | 270.85 | 271.36 | 266.63 |
| 330 | 119.54 | 121.49 | 131.21 | 165.45 | 224.87 | 261.20 | 273.44 | 273.90 | 268.95 |
| 360 | 176.92 | 177.98 | 188.81 | 223.90 | 272.50 | 300.28 | 308.29 | 305.90 | 298.69 |
| WAC 8.5% | | | | | | | | | |
| 180 | 164.31 | 163.20 | 166.66 | 182.55 | 217.39 | 244.10 | 251.85 | 250.39 | 245.06 |
| 240 | 117.46 | 118.53 | 124.53 | 146.58 | 196.23 | 238.74 | 256.79 | 260.98 | 258.45 |
| 330 | 117.46 | 118.55 | 124.63 | 146.93 | 197.19 | 240.39 | 258.80 | 263.06 | 260.43 |
| 360 | 176.36 | 176.35 | 182.72 | 206.76 | 250.51 | 284.10 | 297.71 | 298.97 | 293.96 |
| WAC 9.5% | | | | | | | | | |
| 180 | 160.80 | 158.77 | 159.01 | 165.21 | 184.94 | 215.24 | 232.77 | 237.31 | 235.35 |
| 240 | 113.39 | 113.50 | 115.90 | 125.32 | 152.83 | 196.18 | 225.40 | 237.69 | 240.31 |
| 330 | 113.40 | 113.51 | 115.94 | 125.44 | 153.15 | 196.90 | 226.50 | 238.99 | 241.65 |
| 360 | 175.53 | 174.31 | 176.08 | 186.52 | 214.04 | 250.09 | 273.46 | 282.55 | 282.75 |

This table lists the estimated net present value of the cost (less ancillary income) to service one mortgage over its remaining life.

FHA/VA FRM Servicing Fee
As a Percent of the Underlying Mortgage Balance
As of June 30,1998

| Maturity | Interest Rate Scenarios | | | | | | | | |
|----------|-------------------------|------|------|------|------|------|------|------|------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| WAC 6.5% | | | | | | | | | |
| 180 | 1.25 | 1.28 | 1.45 | 1.74 | 1.85 | 1.85 | 1.82 | 1.78 | 1.73 |
| 240 | 0.98 | 1.04 | 1.32 | 1.84 | 2.08 | 2.14 | 2.12 | 2.07 | 2.02 |
| 330 | 1.01 | 1.08 | 1.40 | 1.98 | 2.27 | 2.33 | 2.31 | 2.25 | 2.19 |
| 360 | 1.46 | 1.54 | 1.88 | 2.36 | 2.58 | 2.61 | 2.56 | 2.48 | 2.40 |
| WAC 7% | | | | | | | | | |
| 180 | 1.24 | 1.25 | 1.36 | 1.62 | 1.80 | 1.83 | 1.81 | 1.77 | 1.73 |
| 240 | 0.97 | 1.01 | 1.18 | 1.63 | 1.97 | 2.08 | 2.09 | 2.05 | 2.00 |
| 330 | 1.00 | 1.04 | 1.23 | 1.74 | 2.13 | 2.26 | 2.27 | 2.23 | 2.17 |
| 360 | 1.45 | 1.49 | 1.71 | 2.16 | 2.46 | 2.55 | 2.53 | 2.47 | 2.39 |
| WAC 7.5% | | | | | | | | | |
| 180 | 1.24 | 1.24 | 1.30 | 1.50 | 1.73 | 1.80 | 1.80 | 1.76 | 1.72 |
| 240 | 0.96 | 0.99 | 1.09 | 1.43 | 1.83 | 2.00 | 2.04 | 2.02 | 1.98 |
| 330 | 0.99 | 1.01 | 1.13 | 1.51 | 1.96 | 2.16 | 2.21 | 2.19 | 2.14 |
| 360 | 1.45 | 1.47 | 1.60 | 1.97 | 2.32 | 2.47 | 2.49 | 2.44 | 2.38 |
| WAC 8% | | | | | | | | | |
| 180 | 1.23 | 1.23 | 1.26 | 1.40 | 1.64 | 1.75 | 1.77 | 1.75 | 1.71 |
| 240 | 0.95 | 0.97 | 1.03 | 1.26 | 1.66 | 1.90 | 1.98 | 1.98 | 1.95 |
| 330 | 0.98 | 0.99 | 1.06 | 1.32 | 1.77 | 2.04 | 2.13 | 2.13 | 2.10 |
| 360 | 1.45 | 1.45 | 1.54 | 1.80 | 2.17 | 2.37 | 2.43 | 2.41 | 2.36 |
| WAC 8.5% | | | | | | | | | |
| 180 | 1.22 | 1.21 | 1.23 | 1.32 | 1.53 | 1.69 | 1.73 | 1.72 | 1.69 |
| 240 | 0.94 | 0.95 | 0.99 | 1.14 | 1.49 | 1.78 | 1.90 | 1.92 | 1.91 |
| 330 | 0.96 | 0.97 | 1.02 | 1.19 | 1.57 | 1.90 | 2.03 | 2.06 | 2.04 |
| 360 | 1.45 | 1.44 | 1.49 | 1.68 | 2.01 | 2.26 | 2.36 | 2.37 | 2.33 |
| WAC 9.5% | | | | | | | | | |
| 180 | 1.21 | 1.19 | 1.19 | 1.22 | 1.34 | 1.53 | 1.64 | 1.66 | 1.65 |
| 240 | 0.91 | 0.91 | 0.93 | 1.00 | 1.19 | 1.50 | 1.70 | 1.79 | 1.80 |
| 330 | 0.93 | 0.93 | 0.95 | 1.02 | 1.24 | 1.58 | 1.81 | 1.90 | 1.92 |
| 360 | 1.44 | 1.43 | 1.45 | 1.53 | 1.74 | 2.02 | 2.20 | 2.27 | 2.27 |

This table lists the estimated present value of the flow of servicing fees over the remaining life of \$100 of mortgages serviced. The values were calculated assuming an annual fee of 50 basis points.

| |
|---|
| <p>Treasury ARM Servicing Cost Present Value of Future Servicing Cost Per Loan As of June 30,1998</p> |
|---|

| Maturity | Interest Rate Scenarios | | | | | | | | |
|----------|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| 200 | 162.49 | 169.77 | 174.46 | 177.65 | 180.52 | 183.29 | 187.24 | 190.44 | 192.04 |
| 330 | 163.13 | 170.55 | 175.22 | 178.33 | 181.12 | 183.84 | 187.76 | 190.93 | 192.51 |
| 360 | 233.73 | 238.42 | 239.84 | 239.22 | 237.88 | 236.44 | 235.78 | 234.88 | 233.25 |

This table lists the estimated net present value of the cost (less ancillary income) to service one mortgage over its remaining life.

| |
|--|
| <p>Treasury ARM Servicing Fee As a Percent of the Underlying Mortgage Balance As of June 30,1998</p> |
|--|

| Maturity | Interest Rate Scenarios | | | | | | | | |
|----------|-------------------------|------|------|------|------|------|------|------|------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| 200 | 1.68 | 1.75 | 1.81 | 1.85 | 1.89 | 1.93 | 1.98 | 2.02 | 2.03 |
| 330 | 1.80 | 1.89 | 1.95 | 1.99 | 2.03 | 2.07 | 2.12 | 2.16 | 2.18 |
| 360 | 2.59 | 2.65 | 2.68 | 2.68 | 2.68 | 2.68 | 2.68 | 2.67 | 2.65 |

This table lists the estimated present value of the flow of servicing fees over the remaining life of \$100 of mortgages serviced. The values were calculated assuming an annual fee of 75 basis points.

The servicing cost and fee estimates listed in the tables are based on a 12-month Treasury ARM with the following characteristics:

- Margin of 272 basis points
- 200 basis point annual cap and floor
- WAC of 7.98%

COFI ARM Servicing Cost
Present Value of Future Servicing Cost Per Loan
As of June 30,1998

| Maturity | Interest Rate Scenarios | | | | | | | | |
|----------|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| 200 | 165.27 | 179.54 | 187.25 | 192.51 | 195.87 | 197.33 | 197.61 | 196.76 | 194.82 |
| 330 | 165.96 | 180.74 | 188.49 | 193.60 | 196.78 | 198.09 | 198.25 | 197.32 | 195.31 |
| 360 | 233.22 | 248.91 | 252.56 | 251.71 | 249.27 | 246.09 | 242.80 | 239.03 | 234.63 |

This table lists the estimated net present value of the cost (less ancillary income) to service one mortgage over its remaining life.

COFI ARM Servicing Fee
As a Percent of the Underlying Mortgage Balance
As of June 30,1998

| Maturity | Interest Rate Scenarios | | | | | | | | |
|----------|-------------------------|------|------|------|------|------|------|------|------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| 200 | 1.70 | 1.83 | 1.92 | 1.98 | 2.04 | 2.08 | 2.09 | 2.10 | 2.10 |
| 330 | 1.83 | 1.98 | 2.08 | 2.16 | 2.21 | 2.25 | 2.27 | 2.28 | 2.28 |
| 360 | 2.57 | 2.74 | 2.80 | 2.82 | 2.81 | 2.81 | 2.81 | 2.81 | 2.81 |

This table lists the estimated present value of the flow of servicing fees over the remaining life of \$100 of mortgages serviced. The values were calculated assuming an annual fee of 75 basis points.

The servicing cost and fee estimates listed in the tables are based on a 1-month 11th District COFI ARM with the following characteristics:

- Margin of 211 basis points
- 7.5% annual payment cap.
- WAC of 7.11%

| |
|--|
| Retail CD Prices As a Percent of Outstanding Balance As of June 30,1998 |
|--|

| Maturity | Interest Rate Scenarios | | | | | | | | |
|---------------------------|-------------------------|--------|--------|--------|-------|-------|-------|-------|-------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| Interest Rate 2.5% | | | | | | | | | |
| 3 | 100.27 | 100.02 | 99.77 | 99.53 | 99.29 | 99.05 | 98.81 | 98.57 | 98.34 |
| 6 | 100.52 | 100.02 | 99.53 | 99.05 | 98.56 | 98.09 | 97.62 | 97.15 | 96.68 |
| 12 | 100.96 | 99.97 | 98.99 | 98.03 | 97.08 | 96.15 | 95.22 | 94.31 | 93.42 |
| 24 | 101.74 | 99.75 | 97.81 | 95.92 | 94.08 | 92.28 | 90.52 | 88.80 | 87.13 |
| 48 | 103.50 | 99.51 | 95.69 | 92.04 | 88.54 | 85.20 | 82.01 | 78.95 | 76.03 |
| Interest Rate 3.5% | | | | | | | | | |
| 3 | 100.51 | 100.27 | 100.02 | 99.78 | 99.53 | 99.29 | 99.05 | 98.81 | 98.58 |
| 6 | 101.01 | 100.52 | 100.02 | 99.53 | 99.05 | 98.57 | 98.10 | 97.63 | 97.16 |
| 12 | 101.96 | 100.96 | 99.97 | 99.00 | 98.04 | 97.09 | 96.16 | 95.25 | 94.34 |
| 24 | 103.75 | 101.73 | 99.75 | 97.82 | 95.94 | 94.10 | 92.31 | 90.56 | 88.85 |
| 48 | 107.62 | 103.47 | 99.50 | 95.70 | 92.06 | 88.58 | 85.26 | 82.07 | 79.03 |
| Interest Rate 4.5% | | | | | | | | | |
| 3 | 100.76 | 100.51 | 100.27 | 100.02 | 99.78 | 99.53 | 99.29 | 99.06 | 98.82 |
| 6 | 101.51 | 101.01 | 100.51 | 100.02 | 99.54 | 99.06 | 98.58 | 98.11 | 97.64 |
| 12 | 102.96 | 101.95 | 100.95 | 99.97 | 99.00 | 98.05 | 97.11 | 96.18 | 95.27 |
| 24 | 105.80 | 103.73 | 101.72 | 99.75 | 97.83 | 95.96 | 94.13 | 92.34 | 90.60 |
| 48 | 111.89 | 107.57 | 103.44 | 99.49 | 95.71 | 92.09 | 88.63 | 85.31 | 82.14 |

The value of retail (ie., non-brokered) CDs appears both on the asset and liability side of the IRR Exposure Report. The prices above represent the value of the liability implied by these deposits and reflect the difference between their coupon and secondary-market CD rates. For the asset side of the report, the value of retail CDs (as a percent of outstanding balance) is found in the table titled "Retail CD Intangible Prices."

The prices listed are for retail CDs with an annual non-interest cost of 0.20 percent.

| |
|--|
| Retail CD Prices As a Percent of Outstanding Balance As of June 30,1998 |
|--|

| Maturity | Interest Rate Scenarios | | | | | | | | |
|---------------------------|-------------------------|--------|--------|--------|--------|--------|--------|-------|-------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| Interest Rate 5.5% | | | | | | | | | |
| 3 | 101.01 | 100.76 | 100.51 | 100.26 | 100.02 | 99.78 | 99.54 | 99.30 | 99.06 |
| 6 | 102.01 | 101.50 | 101.00 | 100.51 | 100.02 | 99.54 | 99.06 | 98.59 | 98.12 |
| 12 | 103.97 | 102.95 | 101.94 | 100.95 | 99.97 | 99.01 | 98.06 | 97.12 | 96.20 |
| 24 | 107.87 | 105.77 | 103.71 | 101.71 | 99.75 | 97.84 | 95.97 | 94.15 | 92.38 |
| 48 | 116.31 | 111.82 | 107.52 | 103.41 | 99.48 | 95.72 | 92.12 | 88.67 | 85.37 |
| Interest Rate 6.5% | | | | | | | | | |
| 3 | 101.25 | 101.00 | 100.75 | 100.51 | 100.26 | 100.02 | 99.78 | 99.54 | 99.30 |
| 6 | 102.50 | 102.00 | 101.50 | 101.00 | 100.51 | 100.02 | 99.54 | 99.06 | 98.59 |
| 12 | 104.98 | 103.95 | 102.93 | 101.93 | 100.94 | 99.97 | 99.01 | 98.07 | 97.14 |
| 24 | 109.98 | 107.83 | 105.73 | 103.69 | 101.69 | 99.75 | 97.85 | 95.99 | 94.18 |
| 48 | 120.88 | 116.21 | 111.74 | 107.47 | 103.39 | 99.47 | 95.73 | 92.14 | 88.71 |
| Interest Rate 7.5% | | | | | | | | | |
| 3 | 101.50 | 101.25 | 101.00 | 100.75 | 100.51 | 100.26 | 100.02 | 99.78 | 99.54 |
| 6 | 103.00 | 102.49 | 101.99 | 101.49 | 100.99 | 100.51 | 100.02 | 99.54 | 99.07 |
| 12 | 106.00 | 104.96 | 103.93 | 102.92 | 101.92 | 100.94 | 99.97 | 99.02 | 98.08 |
| 24 | 112.12 | 109.93 | 107.79 | 105.70 | 103.67 | 101.68 | 99.75 | 97.85 | 96.01 |
| 48 | 125.61 | 120.75 | 116.11 | 111.67 | 107.43 | 103.36 | 99.47 | 95.74 | 92.17 |

The value of retail (ie., non-brokered) CDs appears both on the asset and liability side of the IRR Exposure Report. The prices above represent the value of the liability implied by these deposits and reflect the difference between their coupon and secondary-market CD rates. For the asset side of the report, the value of retail CDs (as a percent of outstanding balance) is found in the table titled "Retail CD Intangible Prices."

The prices listed are for retail CDs with an annual non-interest cost of 0.20 percent.

| |
|--|
| Retail CD Intangible Prices As a Percent of Outstanding Balance As of June 30,1998 |
|--|

| |
|------------------------------|
| Original Maturity = 6 months |
|------------------------------|

| Remaining Maturity | Interest Rate Scenarios | | | | | | | | |
|-----------------------|-------------------------|------|------|------|------|------|------|------|------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| 3 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.06 | 0.07 | 0.08 | 0.09 |
| 6 | 0.02 | 0.03 | 0.04 | 0.05 | 0.05 | 0.06 | 0.07 | 0.07 | 0.08 |

| |
|-------------------------------|
| Original Maturity = 24 months |
|-------------------------------|

| Remaining Maturity | Interest Rate Scenarios | | | | | | | | |
|-----------------------|-------------------------|------|------|------|------|------|------|------|------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| 3 | 0.13 | 0.16 | 0.19 | 0.22 | 0.25 | 0.28 | 0.30 | 0.33 | 0.36 |
| 6 | 0.12 | 0.16 | 0.19 | 0.21 | 0.24 | 0.27 | 0.30 | 0.32 | 0.35 |
| 12 | 0.13 | 0.16 | 0.18 | 0.21 | 0.24 | 0.26 | 0.29 | 0.31 | 0.33 |
| 24 | 0.09 | 0.11 | 0.14 | 0.17 | 0.19 | 0.21 | 0.23 | 0.25 | 0.27 |

| |
|-------------------------------|
| Original Maturity = 48 months |
|-------------------------------|

| Remaining Maturity | Interest Rate Scenarios | | | | | | | | |
|-----------------------|-------------------------|------|------|------|------|------|------|------|------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| 3 | 0.21 | 0.27 | 0.33 | 0.39 | 0.45 | 0.50 | 0.56 | 0.61 | 0.66 |
| 6 | 0.20 | 0.26 | 0.32 | 0.38 | 0.43 | 0.48 | 0.53 | 0.58 | 0.63 |
| 12 | 0.19 | 0.25 | 0.30 | 0.36 | 0.41 | 0.46 | 0.50 | 0.55 | 0.59 |
| 24 | 0.14 | 0.19 | 0.25 | 0.29 | 0.34 | 0.38 | 0.42 | 0.46 | 0.49 |
| 48 | 0.13 | 0.18 | 0.23 | 0.26 | 0.30 | 0.33 | 0.35 | 0.37 | 0.39 |

The value of retail (ie., non-brokered) CDs appears both on the asset and liability side of the IRR exposure Report. The prices above represent the value of the "customer relationship" due to the rollover of these deposits and, as such, are an intangible asset for an institution. For the liability side of the report, the value of retail CDs (as a percent of outstanding balance) is found in the table titled "Retail CD Prices."

The prices listed are for retail CDs with an annual non-interest cost of 0.20 percent.

Transaction Account Intangible Prices
As a Percent of Outstanding Balance
As of June 30, 1998*

| June Deposit Rate | May Deposit Rate | Interest Rate Scenarios | | | | | | | | |
|----------------------|---------------------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| 0.50 | 0.50 | -0.20 | 0.95 | 3.93 | 6.74 | 9.40 | 11.92 | 14.28 | 16.47 | 18.55 |
| 0.50 | 1.50 | -0.14 | 1.85 | 5.02 | 7.99 | 10.38 | 12.54 | 14.64 | 16.93 | 19.10 |
| 0.50 | 2.00 | -0.14 | 1.85 | 5.02 | 7.99 | 10.35 | 12.47 | 14.56 | 16.89 | 19.11 |
| 0.50 | 2.50 | -0.14 | 1.85 | 5.02 | 7.99 | 10.35 | 12.47 | 14.56 | 16.85 | 19.02 |
| 0.50 | 3.00 | -0.14 | 1.85 | 5.02 | 7.99 | 10.35 | 12.47 | 14.56 | 16.85 | 19.02 |
| 0.50 | 5.00 | -0.14 | 1.85 | 5.02 | 7.99 | 10.35 | 12.47 | 14.56 | 16.85 | 19.02 |
| 1.50 | 0.50 | -0.64 | -0.31 | 0.08 | 2.89 | 5.77 | 8.49 | 11.04 | 13.41 | 15.64 |
| 1.50 | 1.50 | -0.47 | -0.14 | 1.48 | 4.43 | 7.22 | 9.87 | 12.35 | 14.64 | 16.81 |
| 1.50 | 2.00 | -0.38 | -0.06 | 2.28 | 5.19 | 7.94 | 10.55 | 12.99 | 15.25 | 17.39 |
| 1.50 | 2.50 | -0.29 | 0.18 | 3.09 | 5.95 | 8.65 | 11.22 | 13.62 | 15.85 | 17.96 |
| 1.50 | 3.00 | -0.21 | 0.90 | 3.88 | 6.69 | 9.35 | 11.87 | 14.24 | 16.43 | 18.51 |
| 1.50 | 5.00 | 0.19 | 3.35 | 5.85 | 8.18 | 10.40 | 12.53 | 14.64 | 16.93 | 19.09 |
| 2.00 | 0.50 | -0.86 | -0.53 | -0.20 | 0.84 | 3.82 | 6.65 | 9.30 | 11.75 | 14.07 |
| 2.00 | 1.50 | -0.68 | -0.36 | -0.04 | 2.43 | 5.33 | 8.08 | 10.66 | 13.04 | 15.29 |
| 2.00 | 2.00 | -0.60 | -0.27 | 0.29 | 3.22 | 6.08 | 8.79 | 11.33 | 13.67 | 15.90 |
| 2.00 | 2.50 | -0.51 | -0.19 | 1.03 | 4.01 | 6.83 | 9.49 | 11.99 | 14.31 | 16.50 |
| 2.00 | 3.00 | -0.42 | -0.10 | 1.86 | 4.79 | 7.57 | 10.19 | 12.65 | 14.93 | 17.09 |
| 2.00 | 5.00 | -0.15 | 1.48 | 4.42 | 7.20 | 9.83 | 12.31 | 14.64 | 16.82 | 18.88 |
| 2.50 | 0.50 | -1.08 | -0.74 | -0.42 | -0.09 | 1.80 | 4.74 | 7.48 | 10.03 | 12.43 |
| 2.50 | 1.50 | -0.91 | -0.58 | -0.25 | 0.41 | 3.37 | 6.22 | 8.89 | 11.36 | 13.70 |
| 2.50 | 2.00 | -0.82 | -0.49 | -0.17 | 1.17 | 4.14 | 6.95 | 9.59 | 12.02 | 14.33 |
| 2.50 | 2.50 | -0.73 | -0.40 | -0.08 | 1.99 | 4.91 | 7.68 | 10.28 | 12.68 | 14.95 |
| 2.50 | 3.00 | -0.64 | -0.32 | 0.03 | 2.80 | 5.68 | 8.41 | 10.97 | 13.33 | 15.57 |
| 2.50 | 5.00 | -0.36 | -0.04 | 2.42 | 5.32 | 8.06 | 10.66 | 13.10 | 15.35 | 17.49 |
| 3.00 | 0.50 | -1.31 | -0.97 | -0.63 | -0.30 | 0.08 | 2.75 | 5.60 | 8.24 | 10.73 |
| 3.00 | 1.50 | -1.13 | -0.80 | -0.47 | -0.14 | 1.32 | 4.28 | 7.05 | 9.62 | 12.04 |
| 3.00 | 2.00 | -1.04 | -0.71 | -0.38 | -0.06 | 2.12 | 5.04 | 7.77 | 10.30 | 12.69 |
| 3.00 | 2.50 | -0.96 | -0.62 | -0.30 | 0.13 | 2.92 | 5.80 | 8.49 | 10.98 | 13.34 |
| 3.00 | 3.00 | -0.87 | -0.54 | -0.21 | 0.72 | 3.72 | 6.55 | 9.20 | 11.66 | 13.98 |
| 3.00 | 5.00 | -0.59 | -0.26 | 0.37 | 3.34 | 6.19 | 8.89 | 11.42 | 13.77 | 15.98 |
| 5.00 | 0.50 | -2.23 | -1.87 | -1.51 | -1.17 | -0.83 | -0.50 | -0.07 | 2.03 | 4.25 |
| 5.00 | 1.50 | -2.05 | -1.69 | -1.34 | -1.00 | -0.66 | -0.33 | 0.33 | 2.64 | 4.91 |
| 5.00 | 2.00 | -1.96 | -1.60 | -1.26 | -0.92 | -0.58 | -0.25 | 0.65 | 2.96 | 5.63 |
| 5.00 | 2.50 | -1.87 | -1.51 | -1.17 | -0.83 | -0.50 | -0.17 | 0.97 | 3.64 | 6.36 |
| 5.00 | 3.00 | -1.78 | -1.43 | -1.08 | -0.74 | -0.41 | -0.09 | 1.55 | 4.41 | 7.09 |
| 5.00 | 5.00 | -1.48 | -1.14 | -0.80 | -0.47 | -0.15 | 1.15 | 4.09 | 6.80 | 9.37 |

The value of transaction accounts appears both on the asset and liability side of the IRR Exposure Report. The prices above represent the value of the "customer relationship" of this type of demand deposits and, as such, are an intangible asset of an institution. On the liabilities side of the report the value of transaction accounts is equal to 100 percent of their outstanding balance in all nine interest rate scenarios.

The prices listed are for transaction accounts with an annual non-interest cost of 1.43 percent.

* Revised 11/04/1998

Money Market Account Intangible Prices
As a Percent of Outstanding Balance
As of June 30, 1998

| Jun Deposit Rate | May Deposit Rate | Interest Rate Scenarios | | | | | | | | |
|---------------------|---------------------|-------------------------|-------|-------|-------|-------|------|------|-------|-------|
| | | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| 0.50 | 0.50 | 1.26 | 2.59 | 3.79 | 4.96 | 6.15 | 7.33 | 8.48 | 9.60 | 10.69 |
| 0.50 | 1.50 | 1.26 | 2.75 | 4.20 | 5.53 | 6.82 | 7.99 | 9.12 | 10.23 | 11.31 |
| 0.50 | 2.00 | 1.26 | 2.75 | 4.20 | 5.53 | 6.90 | 8.31 | 9.44 | 10.55 | 11.62 |
| 0.50 | 2.50 | 1.26 | 2.75 | 4.20 | 5.53 | 6.90 | 8.36 | 9.76 | 10.86 | 11.93 |
| 0.50 | 3.00 | 1.26 | 2.75 | 4.20 | 5.53 | 6.90 | 8.36 | 9.76 | 11.09 | 12.24 |
| 0.50 | 5.00 | 1.26 | 2.75 | 4.20 | 5.53 | 6.90 | 8.36 | 9.76 | 11.09 | 12.37 |
| 1.50 | 0.50 | -0.04 | 0.58 | 1.82 | 3.04 | 4.26 | 5.49 | 6.68 | 7.84 | 8.97 |
| 1.50 | 1.50 | 0.13 | 1.32 | 2.54 | 3.74 | 4.95 | 6.16 | 7.34 | 8.48 | 9.60 |
| 1.50 | 2.00 | 0.44 | 1.69 | 2.90 | 4.10 | 5.30 | 6.50 | 7.67 | 8.81 | 9.92 |
| 1.50 | 2.50 | 0.82 | 2.06 | 3.27 | 4.45 | 5.65 | 6.84 | 8.00 | 9.13 | 10.23 |
| 1.50 | 3.00 | 1.20 | 2.43 | 3.63 | 4.81 | 6.00 | 7.18 | 8.33 | 9.46 | 10.55 |
| 1.50 | 5.00 | 1.53 | 2.90 | 4.23 | 5.57 | 7.01 | 8.44 | 9.57 | 10.67 | 11.74 |
| 2.00 | 0.50 | -0.12 | -0.01 | 0.81 | 2.05 | 3.30 | 4.54 | 5.76 | 6.94 | 8.09 |
| 2.00 | 1.50 | -0.06 | 0.30 | 1.54 | 2.76 | 3.99 | 5.22 | 6.42 | 7.59 | 8.72 |
| 2.00 | 2.00 | -0.03 | 0.67 | 1.91 | 3.12 | 4.34 | 5.57 | 6.76 | 7.91 | 9.04 |
| 2.00 | 2.50 | 0.02 | 1.04 | 2.28 | 3.48 | 4.70 | 5.91 | 7.09 | 8.24 | 9.37 |
| 2.00 | 3.00 | 0.21 | 1.42 | 2.65 | 3.84 | 5.05 | 6.26 | 7.43 | 8.57 | 9.69 |
| 2.00 | 5.00 | 1.55 | 2.82 | 4.01 | 5.18 | 6.36 | 7.54 | 8.68 | 9.80 | 10.89 |
| 2.50 | 0.50 | -0.19 | -0.09 | 0.07 | 1.05 | 2.32 | 3.59 | 4.82 | 6.02 | 7.19 |
| 2.50 | 1.50 | -0.14 | -0.03 | 0.52 | 1.77 | 3.02 | 4.27 | 5.49 | 6.68 | 7.84 |
| 2.50 | 2.00 | -0.11 | 0.00 | 0.90 | 2.13 | 3.38 | 4.62 | 5.83 | 7.01 | 8.16 |
| 2.50 | 2.50 | -0.08 | 0.14 | 1.27 | 2.49 | 3.73 | 4.97 | 6.17 | 7.34 | 8.49 |
| 2.50 | 3.00 | -0.05 | 0.40 | 1.64 | 2.86 | 4.09 | 5.32 | 6.51 | 7.68 | 8.81 |
| 2.50 | 5.00 | 0.59 | 1.81 | 3.03 | 4.21 | 5.42 | 6.61 | 7.78 | 8.91 | 10.02 |
| 3.00 | 0.50 | -0.27 | -0.17 | -0.06 | 0.21 | 1.32 | 2.61 | 3.87 | 5.09 | 6.29 |
| 3.00 | 1.50 | -0.22 | -0.11 | -0.01 | 0.76 | 2.03 | 3.31 | 4.55 | 5.76 | 6.94 |
| 3.00 | 2.00 | -0.19 | -0.08 | 0.11 | 1.12 | 2.39 | 3.66 | 4.89 | 6.09 | 7.26 |
| 3.00 | 2.50 | -0.16 | -0.06 | 0.28 | 1.49 | 2.75 | 4.01 | 5.23 | 6.43 | 7.59 |
| 3.00 | 3.00 | -0.13 | -0.03 | 0.62 | 1.86 | 3.11 | 4.36 | 5.58 | 6.76 | 7.92 |
| 3.00 | 5.00 | -0.02 | 0.79 | 2.02 | 3.23 | 4.45 | 5.67 | 6.86 | 8.02 | 9.14 |
| 5.00 | 0.50 | -0.58 | -0.47 | -0.37 | -0.26 | -0.08 | 0.60 | 1.50 | 2.38 | 3.26 |
| 5.00 | 1.50 | -0.53 | -0.42 | -0.31 | -0.20 | -0.02 | 0.81 | 1.71 | 2.59 | 3.49 |
| 5.00 | 2.00 | -0.50 | -0.39 | -0.28 | -0.18 | 0.01 | 0.92 | 1.81 | 2.71 | 3.63 |
| 5.00 | 2.50 | -0.47 | -0.36 | -0.26 | -0.15 | 0.12 | 1.03 | 1.92 | 2.82 | 3.92 |
| 5.00 | 3.00 | -0.44 | -0.33 | -0.23 | -0.12 | 0.23 | 1.13 | 2.03 | 3.03 | 4.26 |
| 5.00 | 5.00 | -0.33 | -0.23 | -0.12 | -0.02 | 0.65 | 1.81 | 3.09 | 4.33 | 5.54 |

The value of money market accounts appears both on the asset and liability side of the IRR Exposure Report. The prices above represent the value of the "customer relationship" of this type of demand deposits and, as such, are an intangible asset of an institution. On the liabilities side of the report the value of transaction accounts is equal to 100 percent of their outstanding balance in all nine interest rate scenarios.

The prices listed are for money market accounts with an annual non-interest cost of 0.61 percent.

| |
|---|
| Passbook Account Intangible Prices As a Percent of Outstanding Balance As of June 30,1998 |
|---|

| Jun Deposit Rate | May Deposit Rate | Interest Rate Scenarios | | | | | | | | |
|---------------------|---------------------|-------------------------|-------|-------|-------|------|------|------|-------|-------|
| | | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| 0.50 | 0.50 | -0.28 | -0.02 | 0.39 | 0.83 | 1.92 | 5.44 | 8.70 | 11.73 | 14.56 |
| 0.50 | 1.50 | -0.34 | -0.07 | 0.26 | 0.70 | 1.80 | 5.33 | 8.59 | 11.63 | 14.45 |
| 0.50 | 2.00 | -0.37 | -0.10 | 0.19 | 0.64 | 1.74 | 5.27 | 8.53 | 11.57 | 14.40 |
| 0.50 | 2.50 | -0.40 | -0.13 | 0.12 | 0.58 | 1.68 | 5.21 | 8.48 | 11.52 | 14.35 |
| 0.50 | 3.00 | -0.43 | -0.16 | 0.04 | 0.51 | 1.61 | 5.15 | 8.42 | 11.46 | 14.30 |
| 0.50 | 5.00 | -0.54 | -0.27 | -0.08 | 0.26 | 1.39 | 4.93 | 8.21 | 11.26 | 14.11 |
| 1.50 | 0.50 | -0.38 | -0.11 | 0.18 | 0.62 | 1.72 | 5.25 | 8.52 | 11.56 | 14.39 |
| 1.50 | 1.50 | -0.44 | -0.17 | 0.04 | 0.50 | 1.60 | 5.13 | 8.41 | 11.45 | 14.28 |
| 1.50 | 2.00 | -0.47 | -0.20 | -0.01 | 0.43 | 1.54 | 5.08 | 8.35 | 11.40 | 14.23 |
| 1.50 | 2.50 | -0.50 | -0.23 | -0.04 | 0.37 | 1.48 | 5.02 | 8.29 | 11.34 | 14.18 |
| 1.50 | 3.00 | -0.53 | -0.26 | -0.07 | 0.31 | 1.41 | 4.96 | 8.24 | 11.29 | 14.13 |
| 1.50 | 5.00 | -0.64 | -0.37 | -0.17 | 0.04 | 1.19 | 4.74 | 8.03 | 11.09 | 13.94 |
| 2.00 | 0.50 | -0.42 | -0.16 | 0.07 | 0.52 | 1.62 | 5.16 | 8.43 | 11.47 | 14.30 |
| 2.00 | 1.50 | -0.48 | -0.22 | -0.03 | 0.40 | 1.50 | 5.04 | 8.32 | 11.36 | 14.20 |
| 2.00 | 2.00 | -0.51 | -0.25 | -0.06 | 0.33 | 1.44 | 4.98 | 8.26 | 11.31 | 14.15 |
| 2.00 | 2.50 | -0.54 | -0.28 | -0.08 | 0.27 | 1.38 | 4.92 | 8.20 | 11.25 | 14.09 |
| 2.00 | 3.00 | -0.58 | -0.31 | -0.11 | 0.20 | 1.31 | 4.86 | 8.14 | 11.20 | 14.04 |
| 2.00 | 5.00 | -0.68 | -0.42 | -0.22 | -0.03 | 1.09 | 4.65 | 7.94 | 11.00 | 13.85 |
| 2.50 | 0.50 | -0.47 | -0.21 | -0.02 | 0.42 | 1.52 | 5.06 | 8.34 | 11.38 | 14.22 |
| 2.50 | 1.50 | -0.53 | -0.27 | -0.07 | 0.29 | 1.40 | 4.94 | 8.22 | 11.27 | 14.11 |
| 2.50 | 2.00 | -0.56 | -0.30 | -0.10 | 0.23 | 1.34 | 4.88 | 8.17 | 11.22 | 14.06 |
| 2.50 | 2.50 | -0.59 | -0.33 | -0.13 | 0.16 | 1.27 | 4.82 | 8.11 | 11.16 | 14.01 |
| 2.50 | 3.00 | -0.62 | -0.36 | -0.16 | 0.08 | 1.21 | 4.76 | 8.05 | 11.11 | 13.96 |
| 2.50 | 5.00 | -0.73 | -0.47 | -0.27 | -0.07 | 0.98 | 4.55 | 7.85 | 10.91 | 13.77 |
| 3.00 | 0.50 | -0.52 | -0.26 | -0.06 | 0.31 | 1.42 | 4.96 | 8.24 | 11.29 | 14.13 |
| 3.00 | 1.50 | -0.58 | -0.32 | -0.12 | 0.19 | 1.30 | 4.84 | 8.13 | 11.18 | 14.03 |
| 3.00 | 2.00 | -0.61 | -0.35 | -0.15 | 0.12 | 1.24 | 4.79 | 8.07 | 11.13 | 13.98 |
| 3.00 | 2.50 | -0.64 | -0.38 | -0.18 | 0.03 | 1.17 | 4.73 | 8.02 | 11.07 | 13.92 |
| 3.00 | 3.00 | -0.67 | -0.41 | -0.21 | -0.02 | 1.11 | 4.67 | 7.96 | 11.02 | 13.87 |
| 3.00 | 5.00 | -0.78 | -0.52 | -0.32 | -0.12 | 0.87 | 4.44 | 7.75 | 10.82 | 13.68 |
| 5.00 | 0.50 | -0.75 | -0.49 | -0.29 | -0.09 | 0.95 | 4.51 | 7.82 | 10.88 | 13.74 |
| 5.00 | 1.50 | -0.81 | -0.55 | -0.35 | -0.15 | 0.79 | 4.39 | 7.70 | 10.78 | 13.64 |
| 5.00 | 2.00 | -0.84 | -0.58 | -0.38 | -0.18 | 0.69 | 4.30 | 7.64 | 10.72 | 13.58 |
| 5.00 | 2.50 | -0.87 | -0.61 | -0.41 | -0.21 | 0.57 | 4.20 | 7.55 | 10.66 | 13.53 |
| 5.00 | 3.00 | -0.90 | -0.64 | -0.44 | -0.24 | 0.46 | 4.09 | 7.45 | 10.57 | 13.47 |
| 5.00 | 5.00 | -1.01 | -0.75 | -0.55 | -0.34 | 0.03 | 3.68 | 7.06 | 10.20 | 13.13 |

The value of passbook accounts appears both on the asset and liability side of the IRR Exposure Report. The prices above represent the value of the "customer relationship" of this type of demand deposits and, as such, are an intangible asset of an institution. On the liabilities side of the the value of transaction accounts is equal to 100 percent of their outstanding reportbalance in all nine interest rate scenarios.

The prices listed are for passbook accounts with an annual non-interest cost of 1.86 percent.

| |
|--|
| <p>Non-Interest Bearing Account Intangible Prices As a Percent of Outstanding Balance As of June 30,1998</p> |
|--|

| Jun Deposit Rate | May Deposit Rate | Interest Rate Scenarios | | | | | | | | |
|---------------------|---------------------|-------------------------|------|------|------|-------|-------|-------|-------|-------|
| | | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| 0 | 0 | 2.64 | 4.72 | 6.71 | 8.60 | 10.42 | 12.16 | 13.82 | 15.42 | 16.95 |

The value of non-interest bearing accounts appears both on the asset and liability side of the IRR Exposure Report. The prices above represent the value of the "customer relationship" of this type of demand deposits and, as such, are an intangible asset of an institution. On the liabilities side of the report the value of transaction accounts is equal to 100 percent of their outstanding balance in all nine interest rate scenarios.

The prices listed are for non-interest bearing accounts with an annual non-interest cost of 0.61 percent.

| |
|---|
| Mortgage Derivative Prices As a Percent of Book Value As of June 30, 1998 |
|---|

28

| Line Number | Benchmark Security | Interest Rate Scenarios | | | | | | | | |
|-------------|--------------------|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| CMR 351 | FNMA 98-8 F | 99.47 | 99.47 | 99.47 | 99.57 | 100.00 | 96.62 | 92.00 | 86.91 | 82.11 |
| CMR 352 | FNMA 94-27 FB | 102.46 | 102.33 | 102.21 | 102.08 | 100.00 | 98.18 | 95.94 | 93.00 | 90.15 |
| CMR 353 | FNMA 96-28 PE | 102.74 | 102.15 | 101.57 | 102.65 | 100.00 | 96.65 | 93.45 | 90.37 | 87.39 |
| CMR 354 | FNMA 94-15 E | 104.23 | 103.37 | 102.52 | 101.39 | 100.00 | 98.61 | 97.29 | 95.97 | 94.67 |
| CMR 355 | FNMA 98-3 PD | 105.86 | 104.74 | 103.63 | 102.68 | 100.00 | 95.74 | 91.72 | 87.90 | 84.24 |
| CMR 356 | FNMA 97-57 PD | 105.02 | 103.83 | 102.65 | 101.59 | 100.00 | 94.74 | 89.64 | 84.59 | 79.84 |
| CMR 357 | FNMA 94-23 PX | 122.14 | 119.48 | 116.87 | 114.40 | 100.00 | 87.47 | 76.58 | 67.09 | 58.78 |
| CMR 359 | PWT I 3 | 100.22 | 98.87 | 97.53 | 98.40 | 100.00 | 102.27 | 104.40 | 106.07 | 107.76 |
| CMR 361 | FHLMC 1699 S | 136.20 | 135.43 | 134.67 | 132.09 | 100.00 | 79.24 | 67.06 | 58.65 | 51.29 |
| CMR 363 | FNMA 94-23 PX | 122.14 | 119.48 | 116.87 | 114.40 | 100.00 | 87.47 | 76.58 | 67.09 | 58.78 |
| CMR 364 | FNMA 97-57 PD | 105.02 | 103.83 | 102.65 | 101.59 | 100.00 | 94.74 | 89.64 | 84.59 | 79.84 |
| CMR 365 | Type 1 IO* | 35.11 | 42.30 | 50.96 | 77.35 | 100.00 | 107.66 | 108.38 | 106.34 | 104.34 |
| CMR 366 | Type 2 IO** | 78.88 | 81.63 | 84.47 | 93.47 | 100.00 | 101.31 | 100.92 | 99.92 | 98.93 |
| CMR 367 | FHLMC 1699 S | 136.20 | 135.43 | 134.67 | 132.09 | 100.00 | 79.24 | 67.06 | 58.65 | 51.29 |
| CMR 368 | FNMA 97-57 PD | 105.02 | 103.83 | 102.65 | 101.59 | 100.00 | 94.74 | 89.64 | 84.59 | 79.84 |

* Type 1 IO assumes weighted average maturity of 27 years, with a 7.0% coupon.

** Type 2 IO assumes weighted average maturity of 5 years, with a 7.0% coupon.

Source: Bloomberg Financial Markets

Interest Rate Cap Prices (in basis points)
As of June 30, 1998

| Strike Rate | Interest Rate Scenarios | | | | | | | | |
|-----------------------|-------------------------|--------|--------|--------|--------|--------|---------|---------|---------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| Term = 1 year | | | | | | | | | |
| 3.0 | 68.32 | 69.13 | 124.31 | 194.58 | 263.50 | 331.07 | 397.34 | 462.32 | 526.05 |
| 3.5 | 56.05 | 56.06 | 77.05 | 146.79 | 215.96 | 283.79 | 350.31 | 415.54 | 479.52 |
| 4.0 | 43.81 | 43.81 | 45.42 | 99.17 | 168.55 | 236.63 | 303.40 | 368.88 | 433.10 |
| 4.5 | 31.61 | 31.61 | 31.69 | 53.14 | 121.25 | 189.59 | 256.60 | 322.33 | 386.80 |
| 5.0 | 19.43 | 19.43 | 19.43 | 21.98 | 74.23 | 142.66 | 209.93 | 275.90 | 340.61 |
| 5.5 | 7.29 | 7.29 | 7.29 | 7.55 | 29.49 | 95.87 | 163.36 | 229.58 | 294.53 |
| 6.0 | 0.00 | 0.00 | 0.00 | 0.02 | 3.59 | 54.37 | 121.74 | 188.21 | 253.40 |
| 6.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.55 | 22.96 | 87.56 | 154.20 | 219.64 |
| 7.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 4.70 | 54.06 | 120.29 | 185.96 |
| 7.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.96 | 23.77 | 86.62 | 152.36 |
| 8.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.17 | 5.84 | 53.87 | 118.89 |
| 8.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 1.45 | 24.63 | 85.75 |
| 9.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.33 | 7.02 | 53.77 |
| 9.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.07 | 2.04 | 25.51 |
| 10.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.57 | 8.20 |
| 10.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 2.69 |
| 11.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.03 | 0.86 |
| Term = 2 years | | | | | | | | | |
| 3.0 | 68.46 | 83.17 | 206.02 | 363.13 | 517.75 | 668.05 | 814.03 | 955.81 | 1093.52 |
| 3.5 | 56.07 | 60.09 | 121.63 | 271.02 | 425.62 | 576.77 | 723.67 | 866.37 | 1004.97 |
| 4.0 | 43.82 | 44.90 | 65.64 | 182.39 | 334.26 | 485.79 | 633.54 | 777.14 | 916.64 |
| 4.5 | 31.61 | 31.89 | 39.83 | 102.64 | 244.86 | 395.38 | 543.70 | 688.15 | 828.53 |
| 5.0 | 19.43 | 19.50 | 22.55 | 48.23 | 159.81 | 306.25 | 454.33 | 599.42 | 740.65 |
| 5.5 | 7.29 | 7.31 | 8.45 | 20.41 | 83.96 | 219.69 | 365.86 | 511.11 | 653.03 |
| 6.0 | 0.00 | 0.00 | 0.43 | 6.08 | 35.68 | 142.79 | 283.92 | 428.31 | 570.61 |
| 6.5 | 0.00 | 0.00 | 0.15 | 2.80 | 18.43 | 82.34 | 212.24 | 353.98 | 495.99 |
| 7.0 | 0.00 | 0.00 | 0.05 | 1.28 | 9.71 | 42.43 | 145.61 | 281.67 | 422.27 |
| 7.5 | 0.00 | 0.00 | 0.02 | 0.58 | 5.13 | 23.96 | 87.95 | 212.60 | 349.99 |
| 8.0 | 0.00 | 0.00 | 0.01 | 0.26 | 2.70 | 13.83 | 49.01 | 148.68 | 279.98 |
| 8.5 | 0.00 | 0.00 | 0.00 | 0.11 | 1.41 | 8.02 | 29.58 | 93.46 | 213.36 |
| 9.0 | 0.00 | 0.00 | 0.01 | 0.05 | 0.73 | 4.65 | 18.26 | 55.42 | 151.91 |
| 9.5 | 0.00 | 0.00 | 0.00 | 0.03 | 0.38 | 2.68 | 11.35 | 35.22 | 98.86 |
| 10.0 | 0.00 | 0.00 | 0.00 | 0.01 | 0.19 | 1.54 | 7.06 | 22.91 | 61.63 |
| 10.5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.88 | 4.38 | 15.01 | 40.83 |
| 11.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.50 | 2.72 | 9.86 | 27.68 |
| Term = 3 years | | | | | | | | | |
| 3.0 | 70.51 | 111.78 | 297.74 | 532.33 | 764.81 | 989.60 | 1206.07 | 1414.36 | 1614.74 |
| 3.5 | 56.72 | 74.41 | 182.30 | 401.21 | 631.71 | 857.53 | 1075.70 | 1285.82 | 1488.05 |
| 4.0 | 44.03 | 51.76 | 103.64 | 278.47 | 501.50 | 726.61 | 945.93 | 1157.70 | 1361.71 |
| 4.5 | 31.68 | 35.11 | 62.66 | 170.85 | 376.71 | 597.87 | 817.16 | 1030.17 | 1235.78 |
| 5.0 | 19.46 | 21.01 | 35.89 | 95.08 | 260.87 | 472.96 | 690.15 | 903.53 | 1110.42 |
| 5.5 | 7.30 | 8.02 | 16.11 | 51.74 | 159.47 | 354.11 | 566.01 | 778.36 | 985.88 |
| 6.0 | 0.00 | 0.34 | 4.78 | 26.62 | 90.86 | 249.03 | 451.09 | 660.28 | 867.43 |
| 6.5 | 0.00 | 0.16 | 2.63 | 16.09 | 58.02 | 164.81 | 349.71 | 552.80 | 758.07 |
| 7.0 | 0.00 | 0.08 | 1.46 | 9.80 | 37.72 | 105.45 | 257.00 | 449.95 | 651.33 |
| 7.5 | 0.00 | 0.04 | 0.83 | 6.02 | 24.72 | 71.47 | 177.02 | 353.35 | 548.18 |
| 8.0 | 0.00 | 0.02 | 0.47 | 3.73 | 16.31 | 49.27 | 119.41 | 265.09 | 449.76 |
| 8.5 | 0.00 | 0.01 | 0.27 | 2.33 | 10.81 | 34.23 | 84.65 | 188.77 | 357.45 |
| 9.0 | 0.00 | 0.01 | 0.17 | 1.47 | 7.21 | 23.91 | 60.99 | 132.74 | 273.14 |
| 9.5 | 0.00 | 0.00 | 0.10 | 0.94 | 4.84 | 16.77 | 44.27 | 97.46 | 200.03 |
| 10.0 | 0.00 | 0.01 | 0.06 | 0.60 | 3.27 | 11.81 | 32.28 | 72.67 | 145.47 |
| 10.5 | 0.00 | 0.00 | 0.04 | 0.39 | 2.22 | 8.36 | 23.63 | 54.58 | 109.86 |
| 11.0 | 0.00 | 0.01 | 0.02 | 0.25 | 1.52 | 5.94 | 17.37 | 41.17 | 84.21 |

Interest Rate Cap Prices (in basis points)
As of June 30, 1998

| Strike Rate | Interest Rate Scenarios | | | | | | | | |
|------------------------|-------------------------|--------|---------|---------|---------|---------|---------|---------|---------|
| | -400 | -300 | -200 | -100 | 0 | +100 | +200 | +300 | +400 |
| Term = 4 years | | | | | | | | | |
| 3.0 | 77.20 | 153.00 | 398.89 | 702.96 | 1005.08 | 1296.08 | 1574.28 | 1839.66 | 2092.65 |
| 3.5 | 59.88 | 100.08 | 256.05 | 537.82 | 835.40 | 1127.01 | 1407.44 | 1675.58 | 1931.48 |
| 4.0 | 45.54 | 67.48 | 156.26 | 385.71 | 671.47 | 960.70 | 1242.09 | 1512.43 | 1770.97 |
| 4.5 | 32.41 | 44.67 | 99.62 | 253.66 | 516.52 | 798.86 | 1079.14 | 1350.68 | 1611.37 |
| 5.0 | 19.82 | 26.81 | 61.58 | 158.20 | 374.44 | 643.67 | 919.82 | 1191.04 | 1453.10 |
| 5.5 | 7.48 | 11.55 | 33.86 | 99.39 | 250.77 | 497.70 | 765.67 | 1034.43 | 1296.70 |
| 6.0 | 0.10 | 2.50 | 17.01 | 62.34 | 163.64 | 368.80 | 623.32 | 886.83 | 1147.73 |
| 6.5 | 0.05 | 1.49 | 11.04 | 42.74 | 115.66 | 263.99 | 497.25 | 751.97 | 1009.47 |
| 7.0 | 0.03 | 0.91 | 7.26 | 29.62 | 83.12 | 187.10 | 382.64 | 624.07 | 875.65 |
| 7.5 | 0.02 | 0.56 | 4.83 | 20.73 | 60.36 | 138.37 | 283.46 | 504.78 | 747.38 |
| 8.0 | 0.01 | 0.35 | 3.25 | 14.66 | 44.21 | 103.87 | 209.19 | 396.21 | 625.89 |
| 8.5 | 0.01 | 0.22 | 2.21 | 10.44 | 32.62 | 78.66 | 160.10 | 301.86 | 512.59 |
| 9.0 | 0.01 | 0.14 | 1.52 | 7.51 | 24.25 | 59.99 | 124.21 | 229.96 | 409.31 |
| 9.5 | 0.01 | 0.09 | 1.05 | 5.44 | 18.14 | 46.03 | 97.13 | 180.80 | 319.19 |
| 10.0 | 0.01 | 0.06 | 0.73 | 3.96 | 13.66 | 35.51 | 76.40 | 143.95 | 249.48 |
| 10.5 | 0.01 | 0.04 | 0.52 | 2.91 | 10.35 | 27.55 | 60.40 | 115.42 | 200.44 |
| 11.0 | 0.00 | 0.03 | 0.36 | 2.15 | 7.88 | 21.48 | 47.98 | 93.03 | 162.95 |
| Term = 5 years | | | | | | | | | |
| 3.0 | 88.23 | 201.66 | 504.43 | 871.81 | 1236.39 | 1585.98 | 1917.87 | 2231.89 | 2528.63 |
| 3.5 | 66.05 | 133.22 | 336.66 | 676.21 | 1033.84 | 1383.48 | 1718.02 | 2035.70 | 2336.45 |
| 4.0 | 49.01 | 89.91 | 217.14 | 497.84 | 839.99 | 1185.68 | 1520.90 | 1841.21 | 2145.43 |
| 4.5 | 34.40 | 59.82 | 145.27 | 343.72 | 658.41 | 994.72 | 1327.81 | 1649.23 | 1956.07 |
| 5.0 | 20.97 | 37.07 | 95.66 | 230.06 | 493.09 | 813.06 | 1140.30 | 1460.76 | 1769.01 |
| 5.5 | 8.16 | 18.52 | 59.25 | 156.48 | 349.43 | 643.38 | 960.14 | 1276.96 | 1585.04 |
| 6.0 | 0.50 | 7.26 | 35.93 | 107.56 | 245.35 | 493.53 | 794.09 | 1103.99 | 1409.91 |
| 6.5 | 0.30 | 4.77 | 25.16 | 78.50 | 183.13 | 370.40 | 646.64 | 945.72 | 1247.03 |
| 7.0 | 0.18 | 3.17 | 17.82 | 57.89 | 138.72 | 277.61 | 512.91 | 796.36 | 1090.25 |
| 7.5 | 0.11 | 2.14 | 12.75 | 43.08 | 106.12 | 215.20 | 396.77 | 657.59 | 940.71 |
| 8.0 | 0.07 | 1.46 | 9.20 | 32.34 | 81.84 | 168.99 | 307.54 | 531.42 | 799.65 |
| 8.5 | 0.05 | 1.00 | 6.70 | 24.46 | 63.57 | 133.80 | 245.34 | 421.28 | 668.44 |
| 9.0 | 0.03 | 0.70 | 4.92 | 18.63 | 49.70 | 106.65 | 198.00 | 335.27 | 548.86 |
| 9.5 | 0.02 | 0.49 | 3.64 | 14.29 | 39.10 | 85.50 | 160.95 | 273.55 | 443.97 |
| 10.0 | 0.02 | 0.35 | 2.71 | 11.02 | 30.93 | 68.91 | 131.57 | 225.57 | 360.92 |
| 10.5 | 0.02 | 0.25 | 2.04 | 8.54 | 24.60 | 55.82 | 108.08 | 187.19 | 299.87 |
| 11.0 | 0.01 | 0.18 | 1.53 | 6.66 | 19.65 | 45.42 | 89.19 | 156.12 | 251.60 |
| Term = 10 years | | | | | | | | | |
| 3.0 | 181.70 | 487.59 | 1035.08 | 1652.37 | 2248.53 | 2802.43 | 3309.41 | 3770.37 | 4188.19 |
| 3.5 | 127.84 | 346.19 | 762.73 | 1334.69 | 1917.11 | 2470.87 | 2984.02 | 3454.06 | 3882.18 |
| 4.0 | 90.47 | 248.83 | 558.14 | 1050.61 | 1606.80 | 2152.98 | 2667.70 | 3143.91 | 3580.46 |
| 4.5 | 62.65 | 178.92 | 417.95 | 806.33 | 1321.55 | 1851.82 | 2362.77 | 2841.67 | 3284.32 |
| 5.0 | 40.52 | 126.83 | 313.88 | 616.60 | 1065.06 | 1570.19 | 2071.47 | 2549.08 | 2995.15 |
| 5.5 | 21.90 | 86.63 | 234.25 | 479.31 | 841.93 | 1310.69 | 1795.85 | 2267.81 | 2714.24 |
| 6.0 | 10.31 | 59.32 | 176.67 | 377.31 | 669.04 | 1080.73 | 1542.69 | 2004.26 | 2447.74 |
| 6.5 | 7.40 | 44.85 | 138.74 | 304.15 | 547.54 | 886.58 | 1316.24 | 1762.34 | 2199.26 |
| 7.0 | 5.38 | 34.26 | 109.83 | 246.97 | 452.24 | 731.14 | 1111.25 | 1536.17 | 1962.71 |
| 7.5 | 3.98 | 26.43 | 87.60 | 201.84 | 376.05 | 613.63 | 931.09 | 1327.16 | 1739.19 |
| 8.0 | 2.98 | 20.58 | 70.35 | 165.95 | 314.49 | 519.09 | 784.53 | 1137.03 | 1529.77 |
| 8.5 | 2.26 | 16.16 | 56.87 | 137.18 | 264.35 | 441.58 | 671.14 | 968.81 | 1335.62 |
| 9.0 | 1.72 | 12.79 | 46.27 | 113.99 | 223.24 | 377.42 | 578.16 | 830.18 | 1158.25 |
| 9.5 | 1.33 | 10.20 | 37.85 | 95.18 | 189.34 | 323.94 | 500.49 | 720.90 | 1000.42 |
| 10.0 | 1.04 | 8.20 | 31.14 | 79.82 | 161.24 | 279.09 | 434.98 | 629.98 | 868.96 |
| 10.5 | 0.83 | 6.63 | 25.77 | 67.24 | 137.83 | 241.31 | 379.40 | 552.90 | 763.72 |
| 11.0 | 0.65 | 5.40 | 21.42 | 56.88 | 118.23 | 209.33 | 331.99 | 486.95 | 675.15 |

| |
|---|
| Spot (Zero-Coupon) Rates As of June 30, 1998 |
|---|

| Maturity (Month) | Treasury | Libor/ SWAP | Secondary Market CD |
|---------------------|----------|----------------|------------------------|
| 6 | 5.25 | 5.77 | 5.66 |
| 12 | 5.37 | 5.79 | 5.73 |
| 24 | 5.47 | 5.83 | 5.82 |
| 36 | 5.49 | 5.87 | 5.84 |
| 48 | 5.48 | 5.91 | 5.82 |
| 60 | 5.47 | 5.94 | 5.81 |
| 72 | 5.46 | 5.97 | 5.80 |
| 84 | 5.46 | 5.99 | 5.79 |
| 96 | 5.46 | 6.01 | 5.80 |
| 108 | 5.46 | 6.03 | 5.80 |
| 120 | 5.47 | 6.05 | 5.81 |
| 132 | 5.48 | 6.06 | 5.82 |
| 144 | 5.49 | 6.08 | 5.83 |
| 156 | 5.50 | 6.09 | 5.85 |
| 168 | 5.51 | 6.10 | 5.86 |
| 180 | 5.52 | 6.11 | 5.87 |
| 192 | 5.54 | 6.11 | 5.88 |
| 204 | 5.55 | 6.12 | 5.90 |
| 216 | 5.56 | 6.12 | 5.91 |
| 228 | 5.58 | 6.12 | 5.92 |
| 240 | 5.59 | 6.13 | 5.94 |
| 252 | 5.61 | 6.12 | 5.95 |
| 264 | 5.62 | 6.12 | 5.97 |
| 276 | 5.63 | 6.12 | 5.99 |
| 288 | 5.65 | 6.11 | 6.00 |
| 300 | 5.67 | 6.11 | 6.02 |
| 312 | 5.68 | 6.10 | 6.04 |
| 324 | 5.70 | 6.09 | 6.05 |
| 336 | 5.72 | 6.09 | 6.07 |
| 348 | 5.74 | 6.08 | 6.09 |
| 360 | 5.76 | 6.08 | 6.11 |

Note: The above rates are stated in percentage, bond equivalent-yield (BYE) form.

Source: OTS estimates based on Bloomberg quotations.

Projected Future 1-Mo Interest Rates
As of June 30, 1998

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| Month | Treasury | Libor/ SWAP | Secondary Market CD | Thrift Retail CD |
|-------|----------|----------------|------------------------|---------------------|
| 6 | 5.32 | 5.73 | 5.65 | 5.47 |
| 12 | 5.52 | 5.83 | 5.86 | 5.30 |
| 24 | 5.58 | 5.91 | 5.91 | 5.38 |
| 36 | 5.47 | 6.00 | 5.81 | 5.45 |
| 48 | 5.43 | 6.04 | 5.75 | 5.56 |
| 60 | 5.43 | 6.08 | 5.75 | 5.67 |
| 72 | 5.43 | 6.12 | 5.77 | 5.55 |
| 84 | 5.45 | 6.15 | 5.79 | 5.43 |
| 96 | 5.48 | 6.17 | 5.82 | 5.35 |
| 108 | 5.52 | 6.19 | 5.86 | 5.40 |
| 120 | 5.55 | 6.21 | 5.92 | 5.44 |
| 132 | 5.58 | 6.22 | 5.94 | 5.49 |
| 144 | 5.61 | 6.23 | 5.97 | 5.54 |
| 156 | 5.65 | 6.23 | 6.00 | 5.58 |
| 168 | 5.68 | 6.23 | 6.03 | 5.63 |
| 180 | 5.71 | 6.22 | 6.06 | 5.68 |
| 192 | 5.74 | 6.21 | 6.09 | 5.72 |
| 204 | 5.78 | 6.20 | 6.13 | 5.77 |
| 216 | 5.81 | 6.18 | 6.16 | 5.82 |
| 228 | 5.84 | 6.15 | 6.20 | 5.86 |
| 240 | 5.87 | 6.12 | 6.24 | 5.91 |
| 252 | 5.91 | 6.09 | 6.27 | 5.96 |
| 264 | 5.94 | 6.05 | 6.31 | 6.00 |
| 276 | 5.97 | 6.02 | 6.36 | 6.05 |
| 288 | 6.03 | 5.98 | 6.40 | 6.10 |
| 300 | 6.08 | 5.96 | 6.45 | 6.14 |
| 312 | 6.14 | 5.93 | 6.50 | 6.19 |
| 324 | 6.19 | 5.92 | 6.55 | 6.24 |
| 336 | 6.25 | 5.90 | 6.61 | 6.28 |
| 348 | 6.30 | 5.90 | 6.67 | 6.33 |
| 360 | 6.36 | 5.89 | 6.74 | 6.38 |

Note: The above rates are stated in percentage, bond equivalent-yield (BYE) form.

Source: OTS estimates based on quotations from Bloomberg and Bank Rate Monitor.

| |
|--|
| Selected Current Interest Rates As of June 30, 1998 |
|--|

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| Instrument | Rate | Source |
|----------------------------------|-------|--|
| <u>Mortgages</u> | | |
| Fixed-rate Single Family | 7.28 | FNMA; 60-day commitment rate on 30-year, conventional mortgages + 25 bp |
| Multifamily | | |
| Fully Amortizing | 8.88 | FNMA 25/25 30-day commitment rate |
| Balloon | 8.50 | FNMA 7/30 30-day commitment rate |
| Construction loans | 7.11 | HUD Survey * |
| Second Mortgages and Home Equity | 8.28 | First Mortgage Rate + 100 basis points |
| Mobile Home Loans | 10.06 | 7-Yr. CMT + 450 basis points |
| <u>Consumer Loans</u> | | |
| Loans on Deposits | 6.65 | Fed Release G 13; 6 mo secondary mkt CD rate + 100 basis points |
| Home Improvement | 9.28 | Second Mortgage Rate + 100 basis points |
| Education Loans | 7.99 | 91 day T-bill + 300 basis points |
| Auto Loans | 8.57 | Fed Release G 19; 48 mo. new car * |
| Other | 13.69 | Fed Release G 19; 24 mo. personal loan * |
| Credit Cards - fixed | 18.69 | The Nilson Report (Oxnard, California) |
| Credit Cards - adjustable | 18.89 | The Nilson Report (Oxnard, California) |
| <u>Other</u> | | |
| Corporate Securities | 6.53 | Fed Release G 13; AAA bonds |
| Commercial Loans | 8.79 | Fed Release E 2; weighted avg rate on all commercial loan of less than \$1,000,000 |

* Note: These rates are from surveys performed during the quarter and were adjusted to reflect the shift in the Treasury yield curve between the survey date and the quarter-end date.