

Jackson, Arnold D  
 James, Michele M  
 Jenkins, Donna  
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 Johnson, Tae D  
 Jones, Eric C  
 Joves, Alexander  
 Kahangama, Iranga A  
 Katz, Evan C  
 Kaufman, Steven  
 Kerner, Francine  
 Kim, Ted  
 King, Matthew H  
 King, Tatum S  
 Klein, Matthew  
 Koumans, Marnix R  
 Kronisch, Matthew L  
 Kuepper, Andrew  
 Kuhn, Karen A  
 LaJoye, Darby R  
 Lambeth, John  
 Langley, Monica  
 Lanum, Scott F  
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 Laurance, Stephen A  
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 Leckey, Eric  
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 Leonard, John P  
 Letowt, Philip J  
 Lewis, James  
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 Lotspeich, Katherine  
 Lugo, Alice  
 Luke, Adam  
 Lundgren, Karen E  
 Lynch, Steven M  
 Lynum, Kara  
 Lyon, Shonnie R  
 Maday, Brian  
 Magrino, Christopher  
 Maher, Joseph B  
 Malik, Irfan  
 Mapar, Jalal  
 Marcott, Stacy  
 Martin, Joseph F  
 Maurer, Tim  
 Maykovich, Vincent  
 McComb, Richard  
 McCullar, Shannon  
 McDermott, Thomas  
 McDonald, Christina E  
 McDonough, Bryn  
 McElwain, Patrick J  
 McEntee, Jonathan  
 McGough, Daniel  
 McGovern, Helen Mary  
 McLane, JoAnn  
 Meckley, Tammy M  
 Medina, Yvonne R  
 Meyer, Joel T  
 Meyer, Jonathan  
 Michelini, Dennis J  
 Miles, John D  
 Miller, Alice  
 Miller, Gail  
 Mina, Peter E  
 Mitchell, Kathryn C  
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 Mussington, David  
 Myers, Heidi Y  
 Nally, Kevin J

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 Newman, Robert B  
 Nunn, Willie  
 Ocker, Ronald J  
 O'Connor, Kimberly  
 Olson, David  
 Ortiz, Raul L  
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 Palmer, David J  
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 Patel, Kalpesh A  
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 Perriott, Harvey  
 Petit, Nanci  
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 Piccone, Colleen C  
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 Podonsky, Glenn S  
 Pohlman, Teresa R  
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 Puntenev, James  
 Quinn, Timothy J  
 Radgowski, Jeffrey  
 Raines, Ariana M  
 Rapp, Marc A  
 Raymond, John J  
 Renaud, Daniel M  
 Renaud, Tracy L  
 Rezmovic, Jeffrey M  
 Ritter, David  
 Roncone, Stephen A  
 Rosenblum, Marc R  
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 Rubino, Jaclyn  
 Russell, Anthony  
 Russell, Gabriel  
 Ryan, Michael P  
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 Salazar, Rebecca A  
 Salazar, Ronald M  
 Saltalamachea, Michael  
 Salvano-Dunn, Dana  
 Scanlon, Julie A  
 Scardaville, Michael  
 Scott, Kika M  
 Scudder, Ryan J  
 Sequin, Debbie W  
 Seidman, Ricki  
 Sejour, Soldenise  
 Selby, Cara M  
 Sevier, Adrian  
 Shearer, Ruth C  
 Short, Victoria D  
 Silas, Z. Traci  
 Siler, Tracy  
 Silvers, Robert  
 Singh, Neil S  
 Skelton, Kerry T  
 Smislova, Melissa  
 Smith, David M  
 Smith, Frederick B  
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 Solnet, Jeffrey  
 Stanton, Joshua B  
 Stephens, Celisa M  
 Stevenson, Tirelle D

Stiefel, Nathaniel I  
 Stough, Michael S  
 Street, Stacey  
 Stuntz, Shelby  
 Sulc, Brian  
 Swartz, Neal J  
 Sykes, Gwendolyn  
 Szczech, Gracia  
 Tabaddor, Afsaneh  
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 Todd, Sarah  
 Tomney, Christopher J  
 Toris, Randolph B  
 Try, Gregory W  
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 Valverde, Michael  
 Van Houten, Ann  
 Venture, Veronica  
 Vespe, Erin E  
 Vinograd, Samantha  
 Wainstein, Ken  
 Walters, Thomas J  
 Washington, Karinda  
 Wasowicz, John A  
 Watkins, Tracey L  
 Watson, Andre R  
 Wawro, Joseph D  
 Wells, James  
 Whalen, Mary Kate  
 Wheaton, Kelly D  
 Williams, Marta  
 Windham, Nicole  
 Witte, Diane L  
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Dated: October 25, 2022.

**Gregory Ruocco,**

*Director, Executive Resources, Office of the Chief Human Capital Officer.*

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**BILLING CODE 9112-FC-P**

**DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT**

[Docket No. FR-6327-C-02]

**Notice of Annual Factors for Determining Administrative Fees for the Section 8 Housing Choice Voucher, Mainstream, and Moderate Rehabilitation Programs for Calendar Year 2021; Correction**

**AGENCY:** Office of the Assistant Secretary for Public and Indian Housing, HUD.

**ACTION:** Notice, correction.

**SUMMARY:** On August 15, 2022, HUD published a notice in the **Federal Register** entitled, "Notice of Annual Factors for Determining Administrative Fees for the Section 8 Housing Choice Voucher, Mainstream, and Moderate Rehabilitation Programs for Calendar Year 2021". The notice published omitted specific information and included incorrect website links. To

clarify any misinformation, this notice replaces the notice published on August 15, 2022, and republishes the methodology HUD used in determining the on-going administrative fees for public housing agencies (PHAs) administering the Housing Choice Voucher (HCV), Mainstream, and Moderate Rehabilitation programs, including the Moderate Rehabilitation Single Room Occupancy program, during calendar year (CY) 2021.

**FOR FURTHER INFORMATION CONTACT:** Miguel A. Fontánez, Director, Housing Voucher Financial Management Division, Office of Public Housing and Voucher Programs, Office of Public and Indian Housing, Department of Housing and Urban Development, 451 Seventh Street SW, Room 4222, Washington, DC 20410–8000, telephone number 202–402–2934. (This is not a toll-free number). HUD welcomes and is prepared to receive calls from individuals who are deaf or hard of hearing, as well as individuals with speech and communication disabilities. To learn more about how to make an accessible telephone call, please visit <https://www.fcc.gov/consumers/guides/telecommunications-relay-service-trs>.

**SUPPLEMENTARY INFORMATION:** On August 15, 2022, HUD issued the “Notice of Annual Factors for Determining Administrative Fees for the Section 8 Housing Choice Voucher, Mainstream, and Moderate Rehabilitation Programs for Calendar Year 2021” at 87 FR 50095. The notice published omitted specific information and included incorrect website links. This notice replaces that notice in its entirety for added clarity but does not change the Annual Factors for Determining Administrative Fees.

**A. Background**

HUD is required by statute to notify the public of the methodology used to determine administrative fee rates for each calendar year. HUD is issuing this Notice in compliance with this statutory requirement. The 2021 administrative fee rates were previously published at the following link: [https://www.hud.gov/program\\_offices/public\\_indian\\_housing/programs/hcv/guidance\\_and\\_notices](https://www.hud.gov/program_offices/public_indian_housing/programs/hcv/guidance_and_notices). This Notice provides HUD’s methodology used to determine the CY 2021 administrative fee rates by area, which HUD used to determine administrative fees for the HCV, Mainstream, and Moderate Rehabilitation programs, including the Moderate Rehabilitation Single Room Occupancy (SRO) program. The HCV program is the Federal government’s major program for assisting very low-income families, the elderly, and the

disabled to afford decent, safe, and sanitary housing in the private market.

Mainstream Vouchers are tenant-based vouchers serving households that include a non-elderly person with a disability. The Moderate Rehabilitation program provides project-based rental assistance for low-income families and the Mod Rehab SRO program provides assistance to individuals experiencing homelessness. Both programs have been repealed and no new projects are authorized for development. Assistance is limited to properties previously rehabilitated pursuant to an Agreement to enter into a Housing Assistance Payments (HAP) Contract between an owner and a PHA, with assistance being provided pursuant to a HAP contract between the PHA and owner.

**B. CY 2021 Methodology**

For CY 2021, in accordance with the 2021 Consolidated Appropriations Act (Pub. L. 116–260), administrative fees were determined based on vouchers leased as of the first day of each month. This data was extracted from the Voucher Management System (VMS) at the close of each reporting cycle and validated prior to use. For the Moderate Rehabilitation program, including the SRO program, administrative fees were earned based on the units under a HAP contract. In some cases, the fee rates calculated for CY 2021 were lower than those established for CY 2020. In these cases, the affected PHAs were held harmless at the CY 2020 fee rates.

The fee rates for each PHA generally cover the fees for areas in which the PHA had the greatest proportion of its participants. This was determined using Public Housing Information Center (PIC) data submitted by the PHA. In some cases, PHAs had participants in more than one fee area. If such a PHA chooses, the PHA could request that HUD establish a blended fee rate to proportionately all areas in which participants were located. Once a blended rate was established, it was used to determine the PHA’s fee eligibility for all months in CY 2021. The 2021 HCV Funding Implementation Notice described how to apply for blended fee rates and the deadline date for submitting such requests. The notice can be accessed through the following link: <https://www.hud.gov/sites/dfiles/PIH/documents/pih2021-10.pdf>.

PHAs operating over large geographic areas, defined as multiple counties, could request a higher administrative fee rate if eligible under the criteria described in the CY 2021 implementation notice. The 2021 HCV Funding Implementation Notice described when to apply for higher fee

rates and the deadline date for such requests. Higher administrative fee rates differed from blended administrative fee rates in how they were calculated. Requests for higher administrative rates must have clearly demonstrated that the PHA’s published rate cannot cover their projected expenses. Next, a breakeven rate was calculated to ensure the PHA received sufficient funds to cover their expenses while also ensuring the administrative fee reserves did not grow.

This notice identifies the monthly per-voucher-unit fee rates that were used in CY 2021 to determine PHA administrative fee eligibility for the programs identified in this notice. These fee rates remain posted on the Department’s website at: [http://portal.hud.gov/hudportal/HUD?src=/program\\_offices/public\\_indian\\_housing/programs/hcv](http://portal.hud.gov/hudportal/HUD?src=/program_offices/public_indian_housing/programs/hcv), under Program Related Information.

Questions concerning this notice should be directed to the PHA’s assigned representative at the Financial Management Center or the Financial Management Division at [PIHFinancialManagementDivision@hud.gov](mailto:PIHFinancialManagementDivision@hud.gov).

**C. Moving To Work (MTW) Agencies**

In cases where an MTW Agency has an alternative formula for calculating HCV administrative fees in Attachment A of its MTW Agreement, HUD calculates the HCV administrative fees in accordance with the MTW Agreement provision.

**Dominique Blom,**  
General Deputy Assistant Secretary for Public and Indian Housing.

PHA	A rate	B rate
AK901 .....	\$105.58	\$98.55
AL001 .....	70.47	65.77
AL002 .....	71.58	66.82
AL004 .....	69.54	64.90
AL005 .....	73.06	68.19
AL006 .....	69.54	64.90
AL007 .....	69.54	64.90
AL008 .....	68.62	64.05
AL011 .....	68.62	64.05
AL012 .....	69.54	64.90
AL014 .....	68.62	64.05
AL047 .....	71.60	66.84
AL048 .....	69.54	64.90
AL049 .....	69.54	64.90
AL050 .....	69.54	64.90
AL052 .....	68.62	64.05
AL053 .....	68.62	64.05
AL054 .....	69.54	64.90
AL060 .....	68.62	64.05
AL061 .....	69.54	64.90
AL063 .....	70.47	65.77
AL068 .....	69.54	64.90
AL069 .....	70.47	65.77
AL072 .....	70.47	65.77
AL073 .....	68.79	64.20

PHA	A rate	B rate	PHA	A rate	B rate	PHA	A rate	B rate
AL075	68.62	64.05	AR211	64.07	59.80	CA060	132.51	123.69
AL077	69.54	64.90	AR213	64.07	59.80	CA061	87.64	81.79
AL086	70.47	65.77	AR214	64.07	59.80	CA062	132.51	123.69
AL090	68.62	64.05	AR215	64.07	59.80	CA063	118.48	110.57
AL091	68.62	64.05	AR223	64.07	59.80	CA064	114.71	107.06
AL099	68.62	64.05	AR224	64.07	59.80	CA065	115.04	107.37
AL105	68.62	64.05	AR225	64.07	59.80	CA066	115.04	107.37
AL107	68.62	64.05	AR232	66.60	62.16	CA067	132.51	123.69
AL112	68.62	64.05	AR240	64.07	59.80	CA068	132.51	123.69
AL114	68.62	64.05	AR241	66.97	62.51	CA069	92.33	86.17
AL115	68.62	64.05	AR247	64.07	59.80	CA070	80.20	74.86
AL116	68.62	64.05	AR252	72.66	67.83	CA071	132.51	123.69
AL118	68.62	64.05	AR257	64.07	59.80	CA072	132.51	123.69
AL121	68.62	64.05	AR264	70.49	65.79	CA073	115.04	107.37
AL124	68.79	64.20	AR265	64.07	59.80	CA074	132.51	123.69
AL125	70.47	65.77	AR266	64.07	59.80	CA075	132.51	123.69
AL129	69.54	64.90	AZ001	76.57	71.46	CA076	129.40	120.75
AL131	69.54	64.90	AZ003	76.57	71.46	CA077	118.48	110.57
AL138	69.54	64.90	AZ004	75.70	70.64	CA079	132.51	123.69
AL139	69.54	64.90	AZ005	76.57	71.46	CA082	132.51	123.69
AL152	69.54	64.90	AZ006	83.71	78.14	CA084	94.45	88.15
AL154	68.62	64.05	AZ008	61.13	57.06	CA085	129.24	120.64
AL155	68.62	64.05	AZ009	76.57	71.46	CA086	90.28	84.25
AL160	68.62	64.05	AZ010	76.57	71.46	CA088	129.24	120.64
AL165	72.62	67.78	AZ013	85.07	79.40	CA092	132.51	123.69
AL169	71.58	66.82	AZ021	76.57	71.46	CA093	132.51	123.69
AL171	68.62	64.05	AZ023	64.42	60.12	CA094	132.51	123.69
AL172	69.54	64.90	AZ025	75.70	70.64	CA096	92.33	86.17
AL174	68.62	64.05	AZ028	76.57	71.46	CA102	132.51	123.69
AL177	68.62	64.05	AZ031	76.57	71.46	CA103	132.51	123.69
AL181	68.62	64.05	AZ032	76.57	71.46	CA104	132.51	123.69
AL192	68.62	64.05	AZ033	75.70	70.64	CA105	132.51	123.69
AL202	71.58	66.82	AZ034	62.91	58.71	CA106	92.33	86.17
AR002	72.66	67.83	AZ035	85.07	79.40	CA108	118.48	110.57
AR003	67.37	62.88	AZ037	62.91	58.71	CA110	132.51	123.69
AR004	72.66	67.83	AZ041	83.71	78.14	CA111	132.51	123.69
AR006	72.66	67.83	AZ043	102.52	95.69	CA114	132.51	123.69
AR010	64.07	59.80	AZ045	63.35	59.12	CA116	118.48	110.57
AR012	64.07	59.80	AZ880	76.57	71.46	CA117	132.51	123.69
AR015	67.59	63.08	AZ901	83.71	78.14	CA118	132.51	123.69
AR016	64.07	59.80	CA001	132.51	123.69	CA119	132.51	123.69
AR017	66.60	62.16	CA002	132.51	123.69	CA120	132.51	123.69
AR020	64.07	59.80	CA003	132.51	123.69	CA121	132.51	123.69
AR024	70.49	65.79	CA004	132.51	123.69	CA123	132.51	123.69
AR031	66.60	62.16	CA005	100.64	93.93	CA125	115.04	107.37
AR033	64.07	59.80	CA006	92.33	86.17	CA126	132.51	123.69
AR034	66.60	62.16	CA007	100.64	93.93	CA128	100.64	93.93
AR035	64.07	59.80	CA008	100.98	94.25	CA131	115.04	107.37
AR037	64.07	59.80	CA011	132.51	123.69	CA132	118.48	110.57
AR039	64.07	59.80	CA014	132.51	123.69	CA136	132.51	123.69
AR041	72.66	67.83	CA019	105.71	98.67	CA143	96.08	89.68
AR042	66.60	62.16	CA021	129.40	120.75	CA144	87.64	81.79
AR045	64.07	59.80	CA022	105.71	98.67	CA149	100.64	93.93
AR052	64.07	59.80	CA023	86.76	80.98	CA151	100.64	93.93
AR066	64.07	59.80	CA024	96.56	90.13	CA155	118.48	110.57
AR068	64.07	59.80	CA026	97.24	90.74	CO001	80.87	75.48
AR082	64.07	59.80	CA027	105.71	98.67	CO002	74.71	69.72
AR104	66.60	62.16	CA028	92.33	86.17	CO005	84.45	78.82
AR117	64.07	59.80	CA030	86.10	80.37	CO006	72.29	67.47
AR121	64.07	59.80	CA031	132.51	123.69	CO016	91.77	85.64
AR131	66.60	62.16	CA032	132.51	123.69	CO019	80.87	75.48
AR152	64.07	59.80	CA033	114.17	106.54	CO024	72.29	67.47
AR161	64.07	59.80	CA035	132.51	123.69	CO028	75.44	70.42
AR163	66.60	62.16	CA039	96.08	89.68	CO031	72.29	67.47
AR166	64.07	59.80	CA041	115.04	107.37	CO034	86.96	81.17
AR170	72.66	67.83	CA043	88.74	82.81	CO035	74.99	70.00
AR175	72.66	67.83	CA044	100.64	93.93	CO036	80.87	75.48
AR176	64.07	59.80	CA048	76.15	71.07	CO040	111.64	104.20
AR177	64.07	59.80	CA052	132.51	123.69	CO041	86.96	81.17
AR181	66.60	62.16	CA053	83.34	77.78	CO043	84.45	78.82
AR194	67.37	62.88	CA055	115.04	107.37	CO045	72.29	67.47
AR197	64.07	59.80	CA056	132.51	123.69	CO048	80.87	75.48
AR200	64.07	59.80	CA058	132.51	123.69	CO049	80.87	75.48
AR210	64.07	59.80	CA059	132.51	123.69	CO050	80.87	75.48

PHA	A rate	B rate	PHA	A rate	B rate	PHA	A rate	B rate
CO051	94.61	88.30	FL007	81.85	76.40	GA006	89.08	83.13
CO052	80.87	75.48	FL008	89.61	83.64	GA007	73.06	68.19
CO057	80.87	75.48	FL009	86.52	80.75	GA009	73.06	68.19
CO058	80.87	75.48	FL010	103.74	96.83	GA010	89.08	83.13
CO061	91.77	85.64	FL011	67.96	63.43	GA011	89.08	83.13
CO070	91.77	85.64	FL013	110.95	103.57	GA023	73.06	68.19
CO071	75.44	70.42	FL015	72.67	67.82	GA062	69.28	64.66
CO072	80.87	75.48	FL017	110.80	103.42	GA078	89.08	83.13
CO079	84.45	78.82	FL018	66.39	61.96	GA095	89.08	83.13
CO087	111.64	104.20	FL019	78.72	73.49	GA116	89.08	83.13
CO090	74.99	70.00	FL020	78.72	73.49	GA188	89.08	83.13
CO095	106.75	99.63	FL021	86.52	80.75	GA228	89.08	83.13
CO101	72.29	67.47	FL022	81.85	76.40	GA232	89.08	83.13
CO103	86.96	81.17	FL023	89.61	83.64	GA237	89.08	83.13
CO888	74.71	69.72	FL024	81.85	76.40	GA264	89.08	83.13
CO911	80.87	75.48	FL025	78.72	73.49	GA269	89.08	83.13
CO921	80.87	75.48	FL026	67.96	63.43	GA285	73.06	68.19
CT001	102.92	96.06	FL028	103.74	96.83	GA901	89.08	83.13
CT002	110.32	102.97	FL030	81.85	76.40	GQ901	122.03	113.90
CT003	97.01	90.53	FL031	64.53	60.23	HI002	122.57	114.40
CT004	106.93	99.80	FL032	66.92	62.45	HI003	135.89	126.84
CT005	97.01	90.53	FL033	85.28	79.59	HI004	135.90	126.85
CT006	87.62	81.78	FL034	81.65	76.20	HI005	138.05	128.86
CT007	110.32	102.97	FL035	66.39	61.96	HI901	135.89	126.84
CT008	97.01	90.53	FL037	77.34	72.19	IA002	68.84	64.25
CT009	97.01	90.53	FL041	86.98	81.19	IA004	72.37	67.55
CT010	87.62	81.78	FL045	86.98	81.19	IA015	68.84	64.25
CT011	106.93	99.80	FL046	66.39	61.96	IA018	72.49	67.66
CT013	97.01	90.53	FL047	85.84	80.13	IA020	81.99	76.53
CT015	102.92	96.06	FL049	64.53	60.23	IA022	83.57	78.01
CT017	102.92	96.06	FL053	66.92	62.45	IA023	73.28	68.40
CT018	95.23	88.88	FL057	64.53	60.23	IA024	79.38	74.08
CT019	110.32	102.97	FL060	83.59	78.02	IA030	68.84	64.25
CT020	110.32	102.97	FL062	81.65	76.20	IA038	79.69	74.38
CT023	97.01	90.53	FL063	73.37	68.48	IA042	68.84	64.25
CT024	87.62	81.78	FL066	110.80	103.42	IA045	76.02	70.96
CT026	97.01	90.53	FL068	110.80	103.42	IA047	68.84	64.25
CT027	102.92	96.06	FL069	66.39	61.96	IA049	68.84	64.25
CT028	97.01	90.53	FL070	73.37	68.48	IA050	79.69	74.38
CT029	106.93	99.80	FL071	67.96	63.43	IA056	68.84	64.25
CT030	102.92	96.06	FL072	81.85	76.40	IA057	68.84	64.25
CT031	85.76	80.04	FL073	72.67	67.82	IA084	68.84	64.25
CT032	97.01	90.53	FL075	81.65	76.20	IA087	73.46	68.56
CT033	97.01	90.53	FL079	103.74	96.83	IA098	72.52	67.70
CT036	97.01	90.53	FL080	86.52	80.75	IA100	68.84	64.25
CT038	97.01	90.53	FL081	103.74	96.83	IA107	68.84	64.25
CT039	97.01	90.53	FL083	86.52	80.75	IA108	68.84	64.25
CT040	97.01	90.53	FL092	66.92	62.45	IA113	79.69	74.38
CT041	97.01	90.53	FL093	85.28	79.59	IA114	68.84	64.25
CT042	106.93	99.80	FL102	66.39	61.96	IA117	73.28	68.40
CT047	87.62	81.78	FL104	81.65	76.20	IA119	68.84	64.25
CT048	97.01	90.53	FL105	89.61	83.64	IA120	81.99	76.53
CT049	97.01	90.53	FL106	85.28	79.59	IA122	68.84	64.25
CT051	97.01	90.53	FL110	66.39	61.96	IA124	68.84	64.25
CT052	102.92	96.06	FL113	81.85	76.40	IA125	68.84	64.25
CT053	97.01	90.53	FL116	103.74	96.83	IA126	76.02	70.96
CT058	87.62	81.78	FL119	86.52	80.75	IA127	68.84	64.25
CT061	87.62	81.78	FL123	81.42	75.99	IA128	68.84	64.25
CT063	106.93	99.80	FL128	85.84	80.13	IA129	68.84	64.25
CT067	106.93	99.80	FL132	86.66	80.91	IA130	68.84	64.25
CT068	97.01	90.53	FL136	103.74	96.83	IA131	81.99	76.53
CT901	97.01	90.53	FL137	81.65	76.20	IA132	79.69	74.38
DC001	119.93	111.95	FL139	67.96	63.43	ID005	71.57	66.80
DC880	119.93	111.95	FL141	89.33	83.37	ID013	88.94	83.01
DE001	95.93	89.53	FL144	110.95	103.57	ID016	88.94	83.01
DE002	81.97	76.51	FL145	110.80	103.42	ID021	88.94	83.01
DE003	95.93	89.53	FL147	66.39	61.96	ID901	74.09	69.14
DE005	95.93	89.53	FL201	85.28	79.59	IL002	100.65	93.93
DE901	81.97	76.51	FL202	64.53	60.23	IL003	79.48	74.18
FL001	77.34	72.19	FL881	110.80	103.42	IL004	72.43	67.60
FL002	81.65	76.20	FL888	81.65	76.20	IL006	70.94	66.21
FL003	81.65	76.20	GA001	73.06	68.19	IL009	76.02	70.96
FL004	85.28	79.59	GA002	73.06	68.19	IL010	76.02	70.96
FL005	110.80	103.42	GA004	73.06	68.19	IL011	64.37	60.08

PHA	A rate	B rate	PHA	A rate	B rate	PHA	A rate	B rate
IL012	68.54	63.97	IN018	55.79	52.07	KY047	56.37	52.62
IL014	76.95	71.82	IN019	59.42	55.45	KY053	56.37	52.62
IL015	69.71	65.05	IN020	60.65	56.61	KY056	56.37	52.62
IL016	64.32	60.03	IN021	57.40	53.57	KY061	71.16	66.42
IL018	76.02	70.96	IN022	61.07	57.01	KY071	62.67	58.49
IL020	76.02	70.96	IN023	64.25	59.97	KY086	56.37	52.62
IL022	72.28	67.46	IN025	64.25	59.97	KY107	56.37	52.62
IL024	100.65	93.93	IN026	59.55	55.58	KY121	56.37	52.62
IL025	100.65	93.93	IN029	75.23	70.22	KY132	62.43	58.27
IL026	100.65	93.93	IN031	55.79	52.07	KY133	73.07	68.19
IL028	72.43	67.60	IN032	56.79	53.00	KY135	73.07	68.19
IL030	69.71	65.05	IN035	57.40	53.57	KY136	73.07	68.19
IL032	76.95	71.82	IN037	59.56	55.59	KY137	56.37	52.62
IL034	70.94	66.21	IN041	55.79	52.07	KY138	56.37	52.62
IL035	76.95	71.82	IN043	55.79	52.07	KY140	71.16	66.42
IL037	64.32	60.03	IN047	55.79	52.07	KY141	56.37	52.62
IL038	64.32	60.03	IN048	55.79	52.07	KY142	65.11	60.77
IL039	68.67	64.10	IN050	55.79	52.07	KY157	56.37	52.62
IL040	64.32	60.03	IN055	56.79	53.00	KY160	56.37	52.62
IL043	64.32	60.03	IN056	58.40	54.50	KY161	65.11	60.77
IL050	64.37	60.08	IN058	62.17	58.04	KY163	56.37	52.62
IL051	70.69	65.98	IN060	59.55	55.58	KY169	56.37	52.62
IL052	64.32	60.03	IN062	59.89	55.91	KY171	64.25	59.97
IL053	64.37	60.08	IN067	55.79	52.07	KY901	71.16	66.42
IL054	100.65	93.93	IN071	65.80	61.40	LA001	74.89	69.89
IL056	100.65	93.93	IN073	55.79	52.07	LA002	73.31	68.43
IL057	64.32	60.03	IN078	58.40	54.50	LA003	80.86	75.47
IL059	64.32	60.03	IN079	68.13	63.59	LA004	69.98	65.31
IL061	65.08	60.74	IN080	68.13	63.59	LA005	69.98	65.31
IL074	69.71	65.05	IN086	55.79	52.07	LA006	69.98	65.31
IL076	64.32	60.03	IN091	55.79	52.07	LA009	80.86	75.47
IL079	64.32	60.03	IN092	55.79	52.07	LA012	74.89	69.89
IL082	64.32	60.03	IN094	57.54	53.70	LA013	74.89	69.89
IL083	72.28	67.46	IN100	60.65	56.61	LA023	69.98	65.31
IL084	68.23	63.68	IN901	68.13	63.59	LA024	69.41	64.79
IL085	65.67	61.30	KS001	67.77	63.24	LA029	69.98	65.31
IL086	68.23	63.68	KS002	64.34	60.06	LA031	69.41	64.79
IL087	64.32	60.03	KS004	69.32	64.69	LA032	69.98	65.31
IL088	64.32	60.03	KS006	60.45	56.42	LA033	69.41	64.79
IL089	79.77	74.45	KS017	60.45	56.42	LA036	69.41	64.79
IL090	100.65	93.93	KS038	60.45	56.42	LA037	74.71	69.74
IL091	64.32	60.03	KS041	60.45	56.42	LA046	69.98	65.31
IL092	100.65	93.93	KS043	67.77	63.24	LA057	69.98	65.31
IL095	75.44	70.41	KS053	71.11	66.37	LA063	69.98	65.31
IL096	64.32	60.03	KS062	60.45	56.42	LA067	69.41	64.79
IL101	100.65	93.93	KS063	61.09	57.01	LA074	69.41	64.79
IL103	100.65	93.93	KS068	67.77	63.24	LA086	69.41	64.79
IL104	79.48	74.18	KS073	69.32	64.69	LA094	74.89	69.89
IL107	100.65	93.93	KS091	60.45	56.42	LA097	69.41	64.79
IL116	100.65	93.93	KS149	60.45	56.42	LA101	80.86	75.47
IL117	70.69	65.98	KS159	60.45	56.42	LA103	74.89	69.89
IL120	64.32	60.03	KS161	60.45	56.42	LA104	69.98	65.31
IL122	72.28	67.46	KS162	67.77	63.24	LA111	69.41	64.79
IL123	64.32	60.03	KS165	60.45	56.42	LA114	69.41	64.79
IL124	79.48	74.18	KS166	60.45	56.42	LA115	69.41	64.79
IL126	64.37	60.08	KS167	61.09	57.01	LA120	69.98	65.31
IL130	100.65	93.93	KS168	64.34	60.06	LA122	69.98	65.31
IL131	76.02	70.96	KS170	60.45	56.42	LA125	69.41	64.79
IL136	100.65	93.93	KY001	64.25	59.97	LA128	69.41	64.79
IL137	101.52	94.74	KY003	57.43	53.60	LA129	69.98	65.31
IL901	100.65	93.93	KY004	71.16	66.42	LA132	69.41	64.79
IN002	55.79	52.07	KY007	56.37	52.62	LA159	69.41	64.79
IN003	61.62	57.52	KY008	56.37	52.62	LA163	69.41	64.79
IN004	57.40	53.57	KY009	64.25	59.97	LA165	69.98	65.31
IN005	57.40	53.57	KY011	71.40	66.64	LA166	69.41	64.79
IN006	68.13	63.59	KY012	59.56	55.59	LA169	69.41	64.79
IN007	59.94	55.95	KY015	73.07	68.19	LA171	69.98	65.31
IN009	55.79	52.07	KY017	56.37	52.62	LA172	69.98	65.31
IN010	75.23	70.22	KY021	56.37	52.62	LA173	69.98	65.31
IN011	75.23	70.22	KY022	56.37	52.62	LA174	69.98	65.31
IN012	64.25	59.97	KY026	56.37	52.62	LA178	69.98	65.31
IN015	60.65	56.61	KY027	56.37	52.62	LA181	74.89	69.89
IN016	59.56	55.59	KY035	56.37	52.62	LA182	69.41	64.79
IN017	68.13	63.59	KY040	56.37	52.62	LA184	73.31	68.43

PHA	A rate	B rate	PHA	A rate	B rate	PHA	A rate	B rate
LA186	69.98	65.31	MA042	135.35	126.32	MA147	135.35	126.32
LA187	74.89	69.89	MA043	125.22	116.88	MA154	135.35	126.32
LA188	69.41	64.79	MA044	135.35	126.32	MA155	135.35	126.32
LA189	69.98	65.31	MA045	135.35	126.32	MA165	135.35	126.32
LA190	73.31	68.43	MA046	135.66	126.63	MA170	121.78	113.67
LA192	69.41	64.79	MA047	135.66	126.63	MA172	125.22	116.88
LA194	71.71	66.93	MA048	135.35	126.32	MA174	135.35	126.32
LA195	69.41	64.79	MA050	125.22	116.88	MA180	135.66	126.63
LA196	69.98	65.31	MA051	125.22	116.88	MA181	135.66	126.63
LA199	80.86	75.47	MA053	135.35	126.32	MA188	125.22	116.88
LA202	80.86	75.47	MA054	135.35	126.32	MA880	135.35	126.32
LA204	80.86	75.47	MA055	135.35	126.32	MA881	135.35	126.32
LA205	80.86	75.47	MA056	135.35	126.32	MA882	125.22	116.88
LA206	69.98	65.31	MA057	135.35	126.32	MA883	135.35	126.32
LA207	69.98	65.31	MA059	135.35	126.32	MA901	135.35	126.32
LA211	71.71	66.93	MA060	125.22	116.88	MD001	89.44	83.47
LA212	69.41	64.79	MA061	135.35	126.32	MD002	89.44	83.47
LA213	74.71	69.74	MA063	135.35	126.32	MD003	119.93	111.95
LA214	69.98	65.31	MA065	135.35	126.32	MD004	119.93	111.95
LA215	69.41	64.79	MA066	125.22	116.88	MD006	70.16	65.47
LA220	69.41	64.79	MA067	135.35	126.32	MD007	119.93	111.95
LA222	69.41	64.79	MA069	135.35	126.32	MD014	80.38	75.02
LA229	69.41	64.79	MA070	135.35	126.32	MD015	119.93	111.95
LA230	73.31	68.43	MA072	135.35	126.32	MD016	95.93	89.53
LA232	69.41	64.79	MA073	135.35	126.32	MD018	89.44	83.47
LA233	69.41	64.79	MA074	135.35	126.32	MD019	80.14	74.79
LA238	74.89	69.89	MA075	135.35	126.32	MD021	101.45	94.69
LA241	69.41	64.79	MA076	125.22	116.88	MD022	119.93	111.95
LA242	69.41	64.79	MA077	125.22	116.88	MD023	89.44	83.47
LA246	69.41	64.79	MA078	125.22	116.88	MD024	119.93	111.95
LA247	69.41	64.79	MA079	135.35	126.32	MD025	89.44	83.47
LA248	69.41	64.79	MA080	125.22	116.88	MD027	89.44	83.47
LA253	71.71	66.93	MA081	125.22	116.88	MD028	70.16	65.47
LA257	69.41	64.79	MA082	125.22	116.88	MD029	95.93	89.53
LA258	69.41	64.79	MA084	125.22	116.88	MD032	89.44	83.47
LA266	69.98	65.31	MA085	125.22	116.88	MD033	89.44	83.47
LA888	73.31	68.43	MA086	125.22	116.88	MD034	89.44	83.47
LA889	74.89	69.89	MA087	125.22	116.88	MD901	119.93	111.95
LA903	74.89	69.89	MA088	125.22	116.88	ME001	68.87	64.28
MA001	125.22	116.88	MA089	135.35	126.32	ME002	68.87	64.28
MA002	135.35	126.32	MA090	135.35	126.32	ME003	109.42	102.14
MA003	135.35	126.32	MA091	135.35	126.32	ME004	68.87	64.28
MA005	125.22	116.88	MA092	135.35	126.32	ME005	78.30	73.07
MA006	121.78	113.67	MA093	135.35	126.32	ME006	83.67	78.08
MA007	125.22	116.88	MA094	123.75	115.51	ME007	78.30	73.07
MA008	125.22	116.88	MA095	135.66	126.63	ME008	72.41	67.57
MA010	125.22	116.88	MA096	123.75	115.51	ME009	79.48	74.19
MA012	125.22	116.88	MA098	135.35	126.32	ME011	96.27	89.84
MA013	135.35	126.32	MA099	135.35	126.32	ME015	109.42	102.14
MA014	135.35	126.32	MA100	125.22	116.88	ME018	79.48	74.19
MA015	135.35	126.32	MA101	135.35	126.32	ME019	87.71	81.84
MA016	135.35	126.32	MA105	125.22	116.88	ME020	109.42	102.14
MA017	135.35	126.32	MA106	125.22	116.88	ME021	79.48	74.19
MA018	121.78	113.67	MA107	125.22	116.88	ME025	68.87	64.28
MA019	135.35	126.32	MA108	125.22	116.88	ME027	70.69	65.99
MA020	135.35	126.32	MA109	135.35	126.32	ME028	96.27	89.84
MA022	135.35	126.32	MA110	135.66	126.63	ME030	72.41	67.57
MA023	135.35	126.32	MA111	135.35	126.32	ME901	67.61	63.09
MA024	125.22	116.88	MA112	135.35	126.32	MI001	69.16	64.55
MA025	135.35	126.32	MA116	135.35	126.32	MI005	69.16	64.55
MA026	125.22	116.88	MA117	135.35	126.32	MI006	59.14	55.20
MA027	135.35	126.32	MA118	135.35	126.32	MI008	69.16	64.55
MA028	135.35	126.32	MA119	135.35	126.32	MI009	59.53	55.56
MA029	125.22	116.88	MA121	135.35	126.32	MI010	60.28	56.27
MA031	135.35	126.32	MA122	135.35	126.32	MI019	57.84	53.98
MA032	135.35	126.32	MA123	125.22	116.88	MI020	57.84	53.98
MA033	135.35	126.32	MA125	135.35	126.32	MI027	69.16	64.55
MA034	125.22	116.88	MA127	125.22	116.88	MI030	57.84	53.98
MA035	125.22	116.88	MA133	135.35	126.32	MI031	65.28	60.93
MA036	135.35	126.32	MA134	135.35	126.32	MI032	60.28	56.27
MA037	125.22	116.88	MA135	135.35	126.32	MI035	62.33	58.18
MA039	125.22	116.88	MA138	135.66	126.63	MI036	57.84	53.98
MA040	135.35	126.32	MA139	125.22	116.88	MI037	69.16	64.55
MA041	125.22	116.88	MA140	135.35	126.32	MI038	59.77	55.79

PHA	A rate	B rate	PHA	A rate	B rate	PHA	A rate	B rate
MI039	69.16	64.55	MN161	68.51	63.94	MO212	66.73	62.28
MI040	69.16	64.55	MN163	95.35	88.99	MO213	67.77	63.24
MI044	69.16	64.55	MN164	78.59	73.35	MO215	66.83	62.37
MI045	69.16	64.55	MN166	65.30	60.95	MO216	66.83	62.37
MI047	57.84	53.98	MN167	70.83	66.11	MO217	66.73	62.28
MI048	69.16	64.55	MN168	68.51	63.94	MO227	69.71	65.05
MI049	57.84	53.98	MN169	65.30	60.95	MS004	65.89	61.49
MI050	57.84	53.98	MN170	95.35	88.99	MS005	68.86	64.27
MI051	69.16	64.55	MN171	67.14	62.65	MS006	65.89	61.49
MI052	69.16	64.55	MN172	72.65	67.80	MS016	70.49	65.79
MI055	69.16	64.55	MN173	65.30	60.95	MS019	65.89	61.49
MI058	66.31	61.89	MN174	65.30	60.95	MS030	65.89	61.49
MI059	69.16	64.55	MN176	65.30	60.95	MS040	68.86	64.27
MI060	62.04	57.89	MN177	65.30	60.95	MS057	65.89	61.49
MI061	62.43	58.27	MN178	68.51	63.94	MS058	81.26	75.84
MI063	57.84	53.98	MN179	65.30	60.95	MS095	65.89	61.49
MI064	82.40	76.91	MN180	65.30	60.95	MS103	81.26	75.84
MI066	65.28	60.93	MN182	65.30	60.95	MS107	65.89	61.49
MI070	62.04	57.89	MN184	95.35	88.99	MS128	65.89	61.49
MI073	65.28	60.93	MN188	65.30	60.95	MS301	68.86	64.27
MI074	62.43	58.27	MN190	65.30	60.95	MT001	91.81	85.69
MI080	64.20	59.93	MN191	65.30	60.95	MT002	81.28	75.87
MI084	62.04	57.89	MN192	65.30	60.95	MT003	75.77	70.71
MI087	62.04	57.89	MN193	73.38	68.49	MT004	88.10	82.23
MI089	69.16	64.55	MN197	66.22	61.80	MT006	71.38	66.63
MI093	65.28	60.93	MN200	65.30	60.95	MT015	77.33	72.17
MI094	57.84	53.98	MN203	68.51	63.94	MT033	82.64	77.12
MI096	69.16	64.55	MN212	95.35	88.99	MT036	77.33	72.17
MI097	69.16	64.55	MN216	95.35	88.99	MT901	91.81	85.69
MI100	69.16	64.55	MN219	70.83	66.11	NC001	69.85	65.19
MI112	57.84	53.98	MN220	71.24	66.50	NC002	83.45	77.88
MI115	65.28	60.93	MN801	95.35	88.99	NC003	76.53	71.42
MI117	57.84	53.98	MN802	95.35	88.99	NC004	66.17	61.76
MI119	57.84	53.98	MO001	69.71	65.05	NC006	72.29	67.48
MI120	60.28	56.27	MO002	67.77	63.24	NC007	69.85	65.19
MI121	62.43	58.27	MO003	66.83	62.37	NC008	76.53	71.42
MI132	57.84	53.98	MO004	69.71	65.05	NC009	71.00	66.26
MI139	69.16	64.55	MO006	69.71	65.05	NC011	72.29	67.48
MI157	69.16	64.55	MO007	66.83	62.37	NC012	72.29	67.48
MI167	66.31	61.89	MO008	66.73	62.28	NC013	83.45	77.88
MI168	66.31	61.89	MO009	66.83	62.37	NC014	66.17	61.76
MI186	57.84	53.98	MO010	66.73	62.28	NC015	69.85	65.19
MI194	66.31	61.89	MO014	66.83	62.37	NC018	66.17	61.76
MI198	65.28	60.93	MO016	66.73	62.28	NC019	69.85	65.19
MI880	66.31	61.89	MO017	67.77	63.24	NC020	66.17	61.76
MI901	69.16	64.55	MO030	67.77	63.24	NC021	83.45	77.88
MN001	95.35	88.99	MO037	66.73	62.28	NC022	69.85	65.19
MN002	95.35	88.99	MO040	66.73	62.28	NC025	66.17	61.76
MN003	70.53	65.83	MO053	67.77	63.24	NC032	66.17	61.76
MN007	70.53	65.83	MO058	66.83	62.37	NC035	66.79	62.33
MN008	65.30	60.95	MO064	66.73	62.28	NC039	68.76	64.19
MN009	65.30	60.95	MO065	66.73	62.28	NC050	69.56	64.92
MN018	65.30	60.95	MO072	66.73	62.28	NC056	73.59	68.70
MN021	78.59	73.35	MO074	66.73	62.28	NC057	76.53	71.42
MN032	65.30	60.95	MO107	66.73	62.28	NC059	72.29	67.48
MN034	65.30	60.95	MO129	66.73	62.28	NC065	76.53	71.42
MN037	65.30	60.95	MO133	66.73	62.28	NC070	72.80	67.94
MN038	72.65	67.80	MO145	66.73	62.28	NC071	68.76	64.19
MN049	65.30	60.95	MO149	66.73	62.28	NC072	72.49	67.67
MN063	70.83	66.11	MO188	66.83	62.37	NC075	66.17	61.76
MN073	70.53	65.83	MO190	66.73	62.28	NC077	66.17	61.76
MN077	71.24	66.50	MO193	67.77	63.24	NC081	72.29	67.48
MN085	65.30	60.95	MO196	67.77	63.24	NC087	69.85	65.19
MN090	65.30	60.95	MO197	67.77	63.24	NC089	66.17	61.76
MN101	95.35	88.99	MO198	66.83	62.37	NC098	69.85	65.19
MN107	65.30	60.95	MO199	69.71	65.05	NC102	72.80	67.94
MN128	65.30	60.95	MO200	66.73	62.28	NC104	83.45	77.88
MN144	95.35	88.99	MO203	66.83	62.37	NC118	66.17	61.76
MN147	95.35	88.99	MO204	67.77	63.24	NC120	83.45	77.88
MN151	78.94	73.70	MO205	69.71	65.05	NC134	72.80	67.94
MN152	95.35	88.99	MO206	66.73	62.28	NC137	69.85	65.19
MN153	65.30	60.95	MO207	66.73	62.28	NC138	66.17	61.76
MN154	65.30	60.95	MO209	66.73	62.28	NC139	66.17	61.76
MN158	78.59	73.35	MO210	67.77	63.24	NC140	69.85	65.19

PHA	A rate	B rate	PHA	A rate	B rate	PHA	A rate	B rate
NC141	66.17	61.76	NE182	72.45	67.62	NJ083	97.15	90.67
NC144	69.85	65.19	NH001	96.70	90.25	NJ084	116.57	108.80
NC145	66.17	61.76	NH002	102.74	95.88	NJ086	113.83	106.22
NC146	66.17	61.76	NH003	100.13	93.46	NJ088	113.83	106.22
NC147	69.85	65.19	NH004	100.13	93.46	NJ089	116.57	108.80
NC149	66.17	61.76	NH005	110.38	103.01	NJ090	116.57	108.80
NC150	66.17	61.76	NH006	100.13	93.46	NJ092	113.83	106.22
NC151	66.58	62.14	NH007	86.94	81.14	NJ095	114.11	106.50
NC152	69.85	65.19	NH008	100.13	93.46	NJ097	116.57	108.80
NC155	66.17	61.76	NH009	89.75	83.76	NJ099	113.83	106.22
NC159	73.59	68.70	NH010	103.15	96.27	NJ102	113.83	106.22
NC160	66.17	61.76	NH011	79.12	73.85	NJ105	113.83	106.22
NC161	66.17	61.76	NH012	84.29	78.67	NJ106	116.57	108.80
NC163	69.56	64.92	NH013	100.13	93.46	NJ108	113.83	106.22
NC164	83.45	77.88	NH014	100.13	93.46	NJ109	113.83	106.22
NC165	66.17	61.76	NH015	79.12	73.85	NJ110	116.57	108.80
NC166	72.29	67.48	NH016	79.12	73.85	NJ112	116.57	108.80
NC167	67.40	62.91	NH022	125.22	116.88	NJ113	113.83	106.22
NC173	69.85	65.19	NH888	102.74	95.88	NJ114	116.57	108.80
NC175	69.85	65.19	NH901	102.74	95.88	NJ118	95.93	89.53
NC901	66.17	61.76	NJ002	113.83	106.22	NJ204	95.93	89.53
ND001	78.59	73.35	NJ003	113.83	106.22	NJ212	111.83	104.38
ND002	78.59	73.35	NJ004	97.15	90.67	NJ214	114.11	106.50
ND003	78.59	73.35	NJ006	116.57	108.80	NJ880	114.11	106.50
ND009	78.59	73.35	NJ007	114.11	106.50	NJ881	116.57	108.80
ND010	78.59	73.35	NJ008	114.11	106.50	NJ882	113.83	106.22
ND011	78.59	73.35	NJ009	97.15	90.67	NJ912	113.83	106.22
ND012	78.59	73.35	NJ010	95.93	89.53	NM001	84.81	79.16
ND013	78.59	73.35	NJ011	116.57	108.80	NM002	64.88	60.56
ND014	78.59	73.35	NJ012	97.15	90.67	NM003	67.31	62.82
ND015	78.59	73.35	NJ013	116.57	108.80	NM006	83.84	78.24
ND016	78.59	73.35	NJ014	96.25	89.85	NM009	100.37	93.67
ND017	78.59	73.35	NJ015	97.15	90.67	NM020	65.65	61.27
ND019	78.59	73.35	NJ021	116.57	108.80	NM033	64.88	60.56
ND021	78.59	73.35	NJ022	116.57	108.80	NM039	64.88	60.56
ND022	78.59	73.35	NJ023	113.83	106.22	NM050	100.37	93.67
ND025	78.59	73.35	NJ025	113.83	106.22	NM057	84.81	79.16
ND026	78.59	73.35	NJ026	97.15	90.67	NM061	64.88	60.56
ND030	78.59	73.35	NJ030	97.15	90.67	NM063	65.65	61.27
ND031	78.59	73.35	NJ032	113.83	106.22	NM066	83.47	77.89
ND035	78.59	73.35	NJ033	116.57	108.80	NM067	64.88	60.56
ND036	78.59	73.35	NJ035	116.57	108.80	NM077	84.81	79.16
ND037	78.59	73.35	NJ036	97.15	90.67	NM088	69.19	64.58
ND038	78.59	73.35	NJ037	113.83	106.22	NV001	85.95	80.22
ND039	78.59	73.35	NJ039	113.83	106.22	NV018	96.55	90.12
ND044	78.59	73.35	NJ042	116.57	108.80	NV905	85.95	80.22
ND049	78.59	73.35	NJ043	116.57	108.80	NY001	84.60	78.97
ND052	78.59	73.35	NJ044	116.57	108.80	NY002	79.08	73.82
ND054	78.59	73.35	NJ046	114.11	106.50	NY003	131.70	122.93
ND055	78.59	73.35	NJ047	116.57	108.80	NY005	114.48	106.84
ND070	78.59	73.35	NJ048	114.11	106.50	NY006	77.46	72.30
ND901	78.59	73.35	NJ049	92.53	86.36	NY009	91.94	85.81
NE001	73.28	68.40	NJ050	113.83	106.22	NY012	91.94	85.81
NE002	72.92	68.05	NJ051	95.93	89.53	NY015	91.94	85.81
NE003	72.92	68.05	NJ052	113.83	106.22	NY016	80.23	74.88
NE004	72.45	67.62	NJ054	114.11	106.50	NY017	64.64	60.33
NE010	72.45	67.62	NJ055	116.57	108.80	NY018	68.53	63.96
NE041	72.45	67.62	NJ056	114.11	106.50	NY019	77.46	72.30
NE078	72.45	67.62	NJ058	95.93	89.53	NY020	91.94	85.81
NE083	72.45	67.62	NJ059	96.25	89.85	NY021	74.63	69.66
NE094	72.45	67.62	NJ060	114.11	106.50	NY022	91.94	85.81
NE100	72.45	67.62	NJ061	92.53	86.36	NY023	131.70	122.93
NE104	72.45	67.62	NJ063	92.53	86.36	NY025	91.94	85.81
NE114	72.45	67.62	NJ065	114.11	106.50	NY027	84.60	78.97
NE120	72.45	67.62	NJ066	113.83	106.22	NY028	91.94	85.81
NE123	72.45	67.62	NJ067	116.57	108.80	NY033	91.94	85.81
NE141	72.45	67.62	NJ068	113.83	106.22	NY034	77.46	72.30
NE150	72.45	67.62	NJ070	116.57	108.80	NY035	131.70	122.93
NE153	73.28	68.40	NJ071	116.57	108.80	NY038	131.70	122.93
NE157	72.45	67.62	NJ073	95.93	89.53	NY041	96.79	90.34
NE174	73.28	68.40	NJ074	95.93	89.53	NY042	131.70	122.93
NE175	72.49	67.66	NJ075	116.57	108.80	NY044	96.79	90.34
NE179	72.45	67.62	NJ077	97.15	90.67	NY045	103.55	96.64
NE181	72.45	67.62	NJ081	114.11	106.50	NY048	61.31	57.23

PHA	A rate	B rate	PHA	A rate	B rate	PHA	A rate	B rate
NY049	117.67	109.83	NY447	91.94	85.81	OH049	73.07	68.19
NY050	131.70	122.93	NY449	79.08	73.82	OH050	62.74	58.56
NY051	117.67	109.83	NY501	91.94	85.81	OH053	62.74	58.56
NY054	90.43	84.41	NY503	91.94	85.81	OH054	65.38	61.02
NY057	131.70	122.93	NY504	84.60	78.97	OH056	62.74	58.56
NY059	77.46	72.30	NY505	80.23	74.88	OH058	62.74	58.56
NY060	78.53	73.30	NY512	91.94	85.81	OH059	71.57	66.79
NY061	70.78	66.07	NY513	91.94	85.81	OH060	62.74	58.56
NY062	117.67	109.83	NY516	91.94	85.81	OH061	64.19	59.91
NY065	71.71	66.94	NY519	91.94	85.81	OH062	66.65	62.21
NY066	72.26	67.46	NY521	84.60	78.97	OH063	62.74	58.56
NY067	68.40	63.83	NY527	84.60	78.97	OH066	62.74	58.56
NY068	67.01	62.54	NY529	103.55	96.64	OH067	62.74	58.56
NY070	79.08	73.82	NY530	78.53	73.30	OH069	62.74	58.56
NY071	80.13	74.78	NY532	91.94	85.81	OH070	71.57	66.79
NY077	131.70	122.93	NY534	77.46	72.30	OH071	75.00	70.00
NY079	87.05	81.25	NY535	91.94	85.81	OH072	62.74	58.56
NY084	114.48	106.84	NY538	91.94	85.81	OH073	75.46	70.42
NY085	131.70	122.93	NY541	67.01	62.54	OH074	64.50	60.20
NY086	131.70	122.93	NY552	77.46	72.30	OH075	62.74	58.56
NY087	65.90	61.50	NY557	91.94	85.81	OH076	62.74	58.56
NY088	131.70	122.93	NY561	91.94	85.81	OH077	62.74	58.56
NY089	96.79	90.34	NY562	91.94	85.81	OH078	62.74	58.56
NY091	79.08	73.82	NY564	91.94	85.81	OH079	71.57	66.79
NY094	131.70	122.93	NY630	91.94	85.81	OH080	64.27	59.98
NY098	77.46	72.30	NY888	131.70	122.93	OH081	63.94	59.68
NY102	84.60	78.97	NY889	64.64	60.33	OH082	62.90	58.69
NY103	103.55	96.64	NY891	131.70	122.93	OH083	71.57	66.79
NY107	84.60	78.97	NY895	131.70	122.93	OH085	75.00	70.00
NY109	77.46	72.30	NY904	114.48	106.84	OH086	62.74	58.56
NY110	114.48	106.84	NY912	79.08	73.82	OH882	75.46	70.42
NY113	131.70	122.93	OH001	71.57	66.79	OK002	70.47	65.77
NY114	114.48	106.84	OH002	65.00	60.66	OK005	68.54	63.97
NY117	131.70	122.93	OH003	75.46	70.42	OK006	67.37	62.88
NY121	131.70	122.93	OH004	73.07	68.19	OK024	67.37	62.88
NY123	131.70	122.93	OH005	66.65	62.21	OK027	67.37	62.88
NY125	117.67	109.83	OH006	75.00	70.00	OK032	67.37	62.88
NY127	131.70	122.93	OH007	74.22	69.28	OK033	68.54	63.97
NY128	131.70	122.93	OH008	65.00	60.66	OK044	67.37	62.88
NY130	131.70	122.93	OH009	62.74	58.56	OK062	67.37	62.88
NY132	131.70	122.93	OH010	62.74	58.56	OK067	67.37	62.88
NY134	117.67	109.83	OH012	75.46	70.42	OK073	68.54	63.97
NY137	117.67	109.83	OH014	65.44	61.07	OK095	69.26	64.64
NY138	114.48	106.84	OH015	73.07	68.19	OK096	67.37	62.88
NY141	131.70	122.93	OH016	63.94	59.68	OK099	67.37	62.88
NY146	131.70	122.93	OH018	63.94	59.68	OK111	67.37	62.88
NY147	131.70	122.93	OH019	65.11	60.77	OK118	67.37	62.88
NY148	114.48	106.84	OH020	63.71	59.46	OK139	70.47	65.77
NY149	131.70	122.93	OH021	66.65	62.21	OK142	68.54	63.97
NY152	131.70	122.93	OH022	66.65	62.21	OK146	67.37	62.88
NY154	131.70	122.93	OH024	62.74	58.56	OK148	69.26	64.64
NY158	117.67	109.83	OH025	75.46	70.42	OK901	70.47	65.77
NY159	131.70	122.93	OH026	63.78	59.52	OR001	91.00	84.92
NY160	114.48	106.84	OH027	75.46	70.42	OR002	91.00	84.92
NY165	131.70	122.93	OH028	66.81	62.36	OR003	91.08	85.02
NY402	81.70	76.24	OH029	74.04	69.09	OR005	84.77	79.13
NY403	61.04	56.97	OH030	62.74	58.56	OR006	104.58	97.60
NY404	79.08	73.82	OH031	74.22	69.28	OR007	87.15	81.34
NY405	79.08	73.82	OH032	62.74	58.56	OR008	97.70	91.18
NY406	96.79	90.34	OH033	62.74	58.56	OR011	97.70	91.18
NY408	91.94	85.81	OH034	62.74	58.56	OR014	97.70	91.18
NY409	79.08	73.82	OH035	62.74	58.56	OR015	103.89	96.96
NY413	78.53	73.30	OH036	63.03	58.83	OR016	91.00	84.92
NY416	91.94	85.81	OH037	62.74	58.56	OR017	83.19	77.65
NY417	77.46	72.30	OH038	73.07	68.19	OR019	92.38	86.21
NY421	91.94	85.81	OH039	62.74	58.56	OR020	91.08	85.02
NY422	91.94	85.81	OH040	62.74	58.56	OR022	91.00	84.92
NY424	91.94	85.81	OH041	62.74	58.56	OR026	92.20	86.05
NY427	91.94	85.81	OH042	75.46	70.42	OR027	83.19	77.65
NY428	91.94	85.81	OH043	71.57	66.79	OR028	91.00	84.92
NY430	91.94	85.81	OH044	65.00	60.66	OR031	94.65	88.35
NY431	91.94	85.81	OH045	62.74	58.56	OR032	87.15	81.34
NY433	61.31	57.23	OH046	62.74	58.56	OR034	100.45	93.75
NY443	77.46	72.30	OH047	62.74	58.56	PA001	66.95	62.48

PHA	A rate	B rate	PHA	A rate	B rate	PHA	A rate	B rate
PA002	95.93	89.53	PA082	76.45	71.36	RQ044	79.99	74.65
PA003	64.90	60.57	PA083	65.47	61.10	RQ045	79.99	74.65
PA004	81.70	76.24	PA085	63.48	59.24	RQ046	74.42	69.46
PA005	66.95	62.48	PA086	64.65	60.33	RQ047	79.99	74.65
PA006	66.95	62.48	PA087	81.27	75.85	RQ048	74.42	69.46
PA007	95.93	89.53	PA088	91.07	84.99	RQ049	79.99	74.65
PA008	83.61	78.04	PA090	84.92	79.26	RQ050	79.99	74.65
PA009	79.67	74.35	PA091	77.42	72.25	RQ052	74.42	69.46
PA010	66.95	62.48	PA092	65.37	61.01	RQ053	79.99	74.65
PA011	81.70	76.24	RI001	121.78	113.67	RQ054	79.99	74.65
PA012	95.93	89.53	RI002	121.78	113.67	RQ055	74.42	69.46
PA013	81.27	75.85	RI003	121.78	113.67	RQ056	79.99	74.65
PA014	66.95	62.48	RI004	121.78	113.67	RQ057	74.42	69.46
PA015	66.95	62.48	RI005	114.43	106.79	RQ058	74.42	69.46
PA016	72.95	68.09	RI006	121.78	113.67	RQ059	74.42	69.46
PA017	66.95	62.48	RI007	121.78	113.67	RQ060	74.42	69.46
PA018	66.95	62.48	RI008	104.16	97.21	RQ061	74.42	69.46
PA019	68.70	64.12	RI009	121.78	113.67	RQ062	74.42	69.46
PA020	75.42	70.40	RI010	121.78	113.67	RQ063	79.99	74.65
PA021	68.70	64.12	RI011	121.78	113.67	RQ064	79.99	74.65
PA022	76.75	71.62	RI012	121.78	113.67	RQ065	74.42	69.46
PA023	95.93	89.53	RI014	121.78	113.67	RQ066	74.42	69.46
PA024	81.70	76.24	RI015	121.78	113.67	RQ067	74.42	69.46
PA026	66.98	62.51	RI016	121.78	113.67	RQ068	74.42	69.46
PA027	63.48	59.24	RI017	121.78	113.67	RQ069	74.42	69.46
PA028	87.13	81.33	RI018	121.78	113.67	RQ070	79.99	74.65
PA029	68.58	64.00	RI019	121.78	113.67	RQ071	74.42	69.46
PA030	64.90	60.57	RI020	121.78	113.67	RQ072	79.99	74.65
PA031	70.75	66.03	RI022	121.78	113.67	RQ073	74.42	69.46
PA032	68.28	63.72	RI024	121.78	113.67	RQ074	74.42	69.46
PA033	66.98	62.51	RI026	121.78	113.67	RQ075	79.99	74.65
PA034	73.00	68.12	RI027	121.78	113.67	RQ077	79.99	74.65
PA035	83.61	78.04	RI028	121.78	113.67	RQ080	74.42	69.46
PA036	84.92	79.26	RI029	121.78	113.67	RQ081	79.99	74.65
PA037	72.95	68.09	RI901	121.78	113.67	RQ082	79.99	74.65
PA038	64.90	60.57	RQ005	79.99	74.65	RQ083	79.99	74.65
PA039	78.64	73.40	RQ006	79.99	74.65	SC001	74.99	69.99
PA040	65.52	61.14	RQ007	74.42	69.46	SC002	75.80	70.74
PA041	66.83	62.37	RQ008	79.99	74.65	SC003	69.19	64.58
PA042	64.90	60.57	RQ009	74.42	69.46	SC004	69.19	64.58
PA043	64.90	60.57	RQ010	74.42	69.46	SC005	69.19	64.58
PA044	64.90	60.57	RQ011	79.99	74.65	SC007	73.06	68.19
PA045	67.56	63.05	RQ012	74.42	69.46	SC008	69.19	64.58
PA046	95.93	89.53	RQ013	79.99	74.65	SC015	66.75	62.30
PA047	64.90	60.57	RQ014	79.99	74.65	SC016	69.19	64.58
PA048	78.50	73.26	RQ015	79.99	74.65	SC018	69.19	64.58
PA050	65.21	60.87	RQ016	79.99	74.65	SC019	69.19	64.58
PA051	95.93	89.53	RQ017	74.42	69.46	SC020	69.19	64.58
PA052	83.61	78.04	RQ018	74.42	69.46	SC021	66.75	62.30
PA053	67.56	63.05	RQ019	79.99	74.65	SC022	76.53	71.42
PA054	66.11	61.69	RQ020	81.73	76.28	SC023	69.19	64.58
PA055	67.56	63.05	RQ021	79.99	74.65	SC024	74.99	69.99
PA056	64.65	60.33	RQ022	79.99	74.65	SC025	69.19	64.58
PA057	64.90	60.57	RQ023	79.99	74.65	SC026	70.61	65.89
PA058	66.98	62.51	RQ024	79.99	74.65	SC027	69.19	64.58
PA059	64.65	60.33	RQ025	79.99	74.65	SC028	66.75	62.30
PA060	67.56	63.05	RQ026	74.42	69.46	SC029	69.19	64.58
PA061	67.56	63.05	RQ027	79.99	74.65	SC030	66.75	62.30
PA063	67.56	63.05	RQ028	79.99	74.65	SC031	66.75	62.30
PA064	65.21	60.87	RQ029	74.42	69.46	SC032	69.19	64.58
PA065	67.56	63.05	RQ030	74.42	69.46	SC033	66.75	62.30
PA067	81.70	76.24	RQ031	74.42	69.46	SC034	69.19	64.58
PA068	65.21	60.87	RQ032	79.99	74.65	SC035	66.75	62.30
PA069	70.75	66.03	RQ033	74.42	69.46	SC036	76.53	71.42
PA071	79.67	74.35	RQ034	79.99	74.65	SC037	69.19	64.58
PA073	64.90	60.57	RQ035	74.42	69.46	SC046	76.53	71.42
PA074	65.21	60.87	RQ036	79.99	74.65	SC056	74.99	69.99
PA075	83.61	78.04	RQ037	74.42	69.46	SC057	74.99	69.99
PA076	81.70	76.24	RQ038	79.99	74.65	SC059	66.75	62.30
PA077	66.11	61.69	RQ039	81.73	76.28	SC911	75.80	70.74
PA078	105.91	98.85	RQ040	81.73	76.28	SD010	70.38	65.68
PA079	66.98	62.51	RQ041	74.42	69.46	SD011	70.12	65.45
PA080	66.11	61.69	RQ042	74.42	69.46	SD014	70.12	65.45
PA081	81.70	76.24	RQ043	74.42	69.46	SD016	70.38	65.68

PHA	A rate	B rate	PHA	A rate	B rate	PHA	A rate	B rate
SD021	70.12	65.45	TX048	64.91	60.58	TX421	64.91	60.58
SD026	70.12	65.45	TX049	64.91	60.58	TX431	84.01	78.41
SD034	70.12	65.45	TX051	67.76	63.23	TX432	74.71	69.72
SD035	76.19	71.10	TX062	67.76	63.23	TX433	84.01	78.41
SD036	70.12	65.45	TX064	67.76	63.23	TX434	90.16	84.16
SD037	70.12	65.45	TX065	68.54	63.97	TX435	90.16	84.16
SD039	70.38	65.68	TX072	64.91	60.58	TX436	90.16	84.16
SD043	70.12	65.45	TX073	67.76	63.23	TX439	74.71	69.72
SD045	70.12	65.45	TX075	64.91	60.58	TX440	79.76	74.45
SD047	70.12	65.45	TX079	67.59	63.08	TX441	79.76	74.45
SD048	70.12	65.45	TX085	93.66	87.40	TX444	67.59	63.08
SD055	70.12	65.45	TX087	87.93	82.08	TX445	67.76	63.23
SD056	70.12	65.45	TX095	90.16	84.16	TX447	67.76	63.23
SD057	70.12	65.45	TX096	64.91	60.58	TX448	67.76	63.23
SD058	70.12	65.45	TX105	64.91	60.58	TX449	64.91	60.58
SD059	70.12	65.45	TX111	69.17	64.56	TX452	77.30	72.16
TN001	70.49	65.79	TX114	64.91	60.58	TX454	64.91	60.58
TN002	65.82	61.43	TX128	90.16	84.16	TX455	86.86	81.07
TN003	65.82	61.43	TX134	64.91	60.58	TX456	77.07	71.93
TN004	71.45	66.69	TX137	67.59	63.08	TX457	72.79	67.94
TN005	78.12	72.91	TX147	64.91	60.58	TX458	67.59	63.08
TN006	65.82	61.43	TX152	64.91	60.58	TX459	75.80	70.75
TN007	65.82	61.43	TX158	67.59	63.08	TX461	69.05	64.46
TN012	65.82	61.43	TX163	78.81	73.55	TX470	67.59	63.08
TN013	65.82	61.43	TX164	78.81	73.55	TX472	67.59	63.08
TN020	78.12	72.91	TX173	68.54	63.97	TX480	87.93	82.08
TN024	65.82	61.43	TX174	78.81	73.55	TX481	67.59	63.08
TN026	65.82	61.43	TX175	64.91	60.58	TX482	67.59	63.08
TN035	78.12	72.91	TX177	67.76	63.23	TX483	79.76	74.45
TN038	65.82	61.43	TX178	64.91	60.58	TX484	86.14	80.39
TN042	65.82	61.43	TX183	64.91	60.58	TX485	64.91	60.58
TN054	65.82	61.43	TX189	64.91	60.58	TX486	65.98	61.57
TN062	65.82	61.43	TX193	77.30	72.16	TX488	64.91	60.58
TN065	65.82	61.43	TX197	67.59	63.08	TX493	90.16	84.16
TN066	65.82	61.43	TX201	64.91	60.58	TX495	84.01	78.41
TN076	65.82	61.43	TX202	67.76	63.23	TX497	67.76	63.23
TN079	78.12	72.91	TX206	68.54	63.97	TX498	69.17	64.56
TN088	65.82	61.43	TX208	67.59	63.08	TX499	67.59	63.08
TN113	65.82	61.43	TX210	67.59	63.08	TX500	64.91	60.58
TN117	71.45	66.69	TX217	64.91	60.58	TX505	79.76	74.45
TN903	78.12	72.91	TX224	67.76	63.23	TX509	68.54	63.97
TQ901	122.03	113.90	TX236	67.59	63.08	TX511	64.91	60.58
TX001	87.93	82.08	TX242	64.91	60.58	TX512	64.91	60.58
TX003	74.71	69.72	TX257	67.59	63.08	TX514	67.59	63.08
TX004	84.01	78.41	TX259	87.93	82.08	TX516	64.91	60.58
TX005	79.76	74.45	TX264	87.93	82.08	TX519	64.91	60.58
TX006	77.30	72.16	TX266	87.93	82.08	TX522	90.16	84.16
TX007	68.54	63.97	TX272	64.91	60.58	TX523	69.17	64.56
TX008	78.81	73.55	TX284	64.91	60.58	TX526	90.33	84.31
TX009	90.16	84.16	TX298	64.91	60.58	TX534	86.86	81.07
TX010	67.59	63.08	TX300	64.91	60.58	TX535	64.91	60.58
TX011	67.59	63.08	TX302	78.81	73.55	TX537	64.91	60.58
TX012	79.76	74.45	TX303	77.30	72.16	TX542	67.59	63.08
TX014	67.59	63.08	TX309	64.91	60.58	TX546	67.59	63.08
TX016	64.91	60.58	TX313	78.81	73.55	TX559	90.16	84.16
TX017	79.76	74.45	TX322	87.93	82.08	TX560	79.76	74.45
TX018	67.59	63.08	TX327	67.59	63.08	TX901	79.76	74.45
TX019	64.91	60.58	TX330	64.91	60.58	UT002	77.32	72.16
TX021	64.91	60.58	TX332	64.91	60.58	UT003	77.32	72.16
TX023	77.23	72.08	TX335	64.91	60.58	UT004	77.32	72.16
TX025	68.54	63.97	TX341	75.80	70.75	UT006	80.28	74.92
TX027	90.16	84.16	TX343	77.30	72.16	UT007	77.32	72.16
TX028	67.76	63.23	TX349	84.01	78.41	UT009	77.32	72.16
TX029	67.76	63.23	TX350	77.30	72.16	UT011	77.32	72.16
TX030	67.59	63.08	TX358	64.91	60.58	UT014	91.32	85.22
TX031	87.93	82.08	TX372	64.91	60.58	UT015	91.32	85.22
TX032	79.76	74.45	TX376	64.91	60.58	UT016	91.32	85.22
TX034	77.23	72.08	TX377	87.93	82.08	UT020	77.32	72.16
TX035	65.07	60.72	TX378	65.07	60.72	UT021	79.62	74.33
TX037	77.23	72.08	TX381	64.91	60.58	UT022	77.32	72.16
TX039	64.91	60.58	TX392	90.16	84.16	UT025	77.32	72.16
TX042	64.91	60.58	TX395	67.06	62.59	UT026	77.32	72.16
TX044	64.91	60.58	TX396	64.91	60.58	UT028	91.32	85.22
TX046	67.76	63.23	TX397	64.91	60.58	UT029	91.32	85.22

PHA	A rate	B rate	PHA	A rate	B rate	PHA	A rate	B rate
UT030	77.32	72.16	WA055	86.47	80.71	WV045	60.70	56.65
UT031	80.28	74.92	WA057	93.87	87.61	WY002	87.27	81.47
VA001	81.34	75.92	WA061	97.70	91.18	WY003	71.11	66.37
VA002	65.82	61.43	WA064	88.91	82.97	WY004	105.15	98.15
VA003	81.34	75.92	WA071	78.72	73.46	WY013	71.11	66.37
VA004	119.93	111.95	WI001	70.53	65.83	AK901	98.76	92.18
VA005	73.79	68.86	WI002	69.05	64.46	AL001	66.91	62.45
VA006	81.34	75.92	WI003	76.86	71.74	AL002	67.96	63.44
VA007	73.79	68.86	WI006	66.07	61.67	AL004	66.03	61.63
VA010	62.67	58.50	WI011	58.70	54.78	AL005	68.81	64.22
VA011	64.94	60.60	WI020	95.35	88.99	AL006	66.03	61.63
VA012	81.34	75.92	WI031	57.77	53.92	AL007	66.03	61.63
VA013	65.67	61.29	WI043	58.15	54.28	AL008	64.77	60.46
VA014	65.67	61.29	WI045	57.75	53.90	AL011	64.77	60.46
VA015	58.96	55.03	WI047	57.77	53.92	AL012	66.03	61.63
VA016	82.51	77.00	WI048	57.75	53.90	AL014	64.77	60.46
VA017	81.34	75.92	WI060	95.35	88.99	AL047	67.98	63.46
VA018	58.96	55.03	WI064	64.08	59.81	AL048	66.03	61.63
VA019	119.93	111.95	WI065	58.15	54.28	AL049	66.03	61.63
VA020	73.79	68.86	WI068	58.70	54.78	AL050	66.03	61.63
VA021	58.96	55.03	WI069	58.70	54.78	AL052	64.77	60.46
VA022	59.70	55.71	WI070	57.75	53.90	AL053	64.77	60.46
VA023	59.70	55.71	WI083	69.05	64.46	AL054	66.03	61.63
VA024	58.96	55.03	WI085	57.75	53.90	AL060	64.77	60.46
VA025	81.34	75.92	WI091	57.77	53.92	AL061	66.03	61.63
VA028	119.93	111.95	WI096	57.75	53.90	AL063	66.91	62.45
VA030	58.96	55.03	WI127	57.75	53.90	AL068	66.03	61.63
VA031	65.82	61.43	WI131	57.75	53.90	AL069	66.91	62.45
VA032	65.82	61.43	WI142	69.05	64.46	AL072	66.91	62.45
VA034	58.96	55.03	WI160	57.75	53.90	AL073	64.94	60.60
VA035	119.93	111.95	WI166	57.75	53.90	AL075	64.77	60.46
VA036	82.51	77.00	WI183	63.09	58.87	AL077	66.03	61.63
VA037	59.11	55.16	WI186	57.89	54.02	AL086	66.91	62.45
VA038	58.96	55.03	WI193	57.77	53.92	AL090	64.77	60.46
VA039	81.34	75.92	WI195	71.41	66.64	AL091	64.77	60.46
VA040	58.96	55.03	WI201	69.05	64.46	AL099	64.77	60.46
VA041	81.34	75.92	WI203	64.08	59.81	AL105	64.77	60.46
VA042	65.82	61.43	WI204	58.70	54.78	AL107	64.77	60.46
VA044	59.67	55.69	WI205	57.75	53.90	AL112	64.77	60.46
VA046	119.93	111.95	WI206	57.75	53.90	AL114	64.77	60.46
VA901	73.79	68.86	WI208	57.75	53.90	AL115	64.77	60.46
VQ901	105.65	98.62	WI213	58.15	54.28	AL116	64.77	60.46
VT001	102.01	95.21	WI214	76.86	71.74	AL118	64.77	60.46
VT002	86.92	81.13	WI218	69.05	64.46	AL121	64.77	60.46
VT003	89.91	83.92	WI219	64.08	59.81	AL124	64.94	60.60
VT004	89.02	83.08	WI221	57.75	53.90	AL125	66.91	62.45
VT005	83.34	77.78	WI222	57.75	53.90	AL129	66.03	61.63
VT006	102.01	95.21	WI231	57.75	53.90	AL131	66.03	61.63
VT008	83.34	77.78	WI233	57.75	53.90	AL138	66.03	61.63
VT009	84.24	78.62	WI237	58.83	54.91	AL139	66.03	61.63
VT901	102.01	95.21	WI241	57.75	53.90	AL152	66.03	61.63
WA001	112.57	105.04	WI244	63.40	59.17	AL154	64.77	60.46
WA002	112.57	105.04	WI245	57.75	53.90	AL155	64.77	60.46
WA003	99.42	92.80	WI246	58.41	54.50	AL160	64.77	60.46
WA004	93.15	86.93	WI248	57.77	53.92	AL165	68.95	64.36
WA005	95.58	89.23	WI256	57.75	53.90	AL169	67.96	63.44
WA006	112.57	105.04	WI901	57.77	53.92	AL171	64.77	60.46
WA007	76.64	71.53	WV001	78.98	73.71	AL172	66.03	61.63
WA008	91.00	84.92	WV003	63.71	59.46	AL174	64.77	60.46
WA011	112.57	105.04	WV004	65.11	60.77	AL177	64.77	60.46
WA012	86.84	81.04	WV005	62.50	58.33	AL181	64.77	60.46
WA013	86.44	80.67	WV006	65.83	61.43	AL192	64.77	60.46
WA014	71.83	67.04	WV009	66.52	62.09	AL202	67.96	63.44
WA017	71.83	67.04	WV010	67.43	62.93	AR002	70.26	65.58
WA018	93.15	86.93	WV015	62.50	58.33	AR003	64.40	60.11
WA020	76.64	71.53	WV016	65.44	61.07	AR004	70.26	65.58
WA021	86.84	81.04	WV017	60.70	56.65	AR006	70.26	65.58
WA024	109.44	102.13	WV018	60.70	56.65	AR010	61.94	57.81
WA025	106.86	99.72	WV027	61.97	57.85	AR012	61.94	57.81
WA036	99.42	92.80	WV034	60.70	56.65	AR015	63.99	59.72
WA039	112.57	105.04	WV035	61.97	57.85	AR016	61.94	57.81
WA042	90.29	84.26	WV037	65.11	60.77	AR017	64.40	60.11
WA049	102.72	95.86	WV039	62.50	58.33	AR020	61.94	57.81
WA054	95.58	89.23	WV042	62.50	58.33	AR024	67.53	63.03

PHA	A rate	B rate	PHA	A rate	B rate	PHA	A rate	B rate
AR031	64.40	60.11	CA002	124.34	116.06	CA119	124.34	116.06
AR033	61.94	57.81	CA003	124.34	116.06	CA120	124.34	116.06
AR034	64.40	60.11	CA004	124.34	116.06	CA121	124.34	116.06
AR035	61.94	57.81	CA005	94.43	88.13	CA123	124.34	116.06
AR037	61.94	57.81	CA006	86.64	80.85	CA125	107.94	100.74
AR039	61.94	57.81	CA007	94.43	88.13	CA126	124.34	116.06
AR041	70.26	65.58	CA008	94.75	88.44	CA128	94.43	88.13
AR042	64.40	60.11	CA010	124.34	116.06	CA131	107.94	100.74
AR045	61.94	57.81	CA011	124.34	116.06	CA132	111.17	103.75
AR052	61.94	57.81	CA014	124.34	116.06	CA136	124.34	116.06
AR059	61.94	57.81	CA019	99.19	92.59	CA143	90.15	84.14
AR066	61.94	57.81	CA021	121.41	113.30	CA144	82.57	77.07
AR068	61.94	57.81	CA022	99.19	92.59	CA149	94.43	88.13
AR082	61.94	57.81	CA023	81.40	75.99	CA151	94.43	88.13
AR104	64.40	60.11	CA024	90.60	84.57	CA155	111.17	103.75
AR117	61.94	57.81	CA026	91.24	85.15	CO001	75.37	70.35
AR121	61.94	57.81	CA027	99.19	92.59	CO002	69.62	64.97
AR131	64.40	60.11	CA028	86.64	80.85	CO005	78.46	73.23
AR135	61.94	57.81	CA030	80.79	75.41	CO006	67.16	62.68
AR152	61.94	57.81	CA031	124.34	116.06	CO016	85.53	79.82
AR161	61.94	57.81	CA032	124.34	116.06	CO019	75.37	70.35
AR163	64.40	60.11	CA033	107.12	99.97	CO024	67.16	62.68
AR166	61.94	57.81	CA035	124.34	116.06	CO028	70.31	65.62
AR170	70.26	65.58	CA039	90.15	84.14	CO031	67.16	62.68
AR175	70.26	65.58	CA041	107.94	100.74	CO034	81.04	75.65
AR176	61.94	57.81	CA043	83.26	77.70	CO035	69.88	65.23
AR177	61.94	57.81	CA044	94.43	88.13	CO036	75.37	70.35
AR181	64.40	60.11	CA048	71.45	66.69	CO040	103.71	96.81
AR194	64.40	60.11	CA052	124.34	116.06	CO041	81.04	75.65
AR197	61.94	57.81	CA053	78.19	72.98	CO043	78.46	73.23
AR200	61.94	57.81	CA055	107.94	100.74	CO045	67.16	62.68
AR210	61.94	57.81	CA056	124.34	116.06	CO048	75.37	70.35
AR211	61.94	57.81	CA058	124.34	116.06	CO049	75.37	70.35
AR213	61.94	57.81	CA059	124.34	116.06	CO050	75.37	70.35
AR214	61.94	57.81	CA060	124.34	116.06	CO051	88.17	82.29
AR215	61.94	57.81	CA061	82.57	77.07	CO052	75.37	70.35
AR219	70.26	65.58	CA062	124.34	116.06	CO057	75.37	70.35
AR223	61.94	57.81	CA063	111.17	103.75	CO058	75.37	70.35
AR224	61.94	57.81	CA064	107.63	100.46	CO061	85.53	79.82
AR225	61.94	57.81	CA065	107.94	100.74	CO070	85.53	79.82
AR232	64.40	60.11	CA066	107.94	100.74	CO071	70.31	65.62
AR240	61.94	57.81	CA067	124.34	116.06	CO072	75.37	70.35
AR241	64.75	60.43	CA068	124.34	116.06	CO079	78.46	73.23
AR247	61.94	57.81	CA069	86.64	80.85	CO087	103.71	96.81
AR252	70.26	65.58	CA070	75.57	70.53	CO090	69.88	65.23
AR257	61.94	57.81	CA071	124.34	116.06	CO095	99.17	92.56
AR264	67.53	63.03	CA072	124.34	116.06	CO101	67.16	62.68
AR265	61.94	57.81	CA073	107.94	100.74	CO103	81.04	75.65
AR266	61.94	57.81	CA074	124.34	116.06	CO888	69.62	64.97
AZ001	71.74	66.95	CA075	124.34	116.06	CO911	75.37	70.35
AZ003	71.74	66.95	CA076	121.41	113.30	CO921	75.37	70.35
AZ004	70.92	66.19	CA077	111.17	103.75	CT001	97.21	90.74
AZ005	71.74	66.95	CA079	124.34	116.06	CT002	104.20	97.26
AZ006	78.44	73.22	CA082	124.34	116.06	CT003	91.63	85.51
AZ008	57.11	53.30	CA084	88.99	83.06	CT004	101.00	94.26
AZ009	71.74	66.95	CA085	121.27	113.19	CT005	91.63	85.51
AZ010	71.74	66.95	CA086	85.06	79.38	CT006	82.46	76.96
AZ013	79.70	74.39	CA088	121.27	113.19	CT007	104.20	97.26
AZ021	71.74	66.95	CA092	124.34	116.06	CT008	91.63	85.51
AZ023	60.18	56.16	CA093	124.34	116.06	CT009	91.63	85.51
AZ025	70.92	66.19	CA094	124.34	116.06	CT010	81.77	76.32
AZ028	71.74	66.95	CA096	86.64	80.85	CT011	101.00	94.26
AZ031	71.74	66.95	CA102	124.34	116.06	CT013	91.63	85.51
AZ032	71.74	66.95	CA103	124.34	116.06	CT015	97.21	90.74
AZ033	70.92	66.19	CA104	124.34	116.06	CT017	97.21	90.74
AZ034	58.94	55.01	CA105	124.34	116.06	CT018	89.95	83.95
AZ035	79.70	74.39	CA106	86.64	80.85	CT019	104.20	97.26
AZ037	58.94	55.01	CA108	111.17	103.75	CT020	104.20	97.26
AZ041	78.44	73.22	CA110	124.34	116.06	CT023	91.63	85.51
AZ043	96.06	89.66	CA111	124.34	116.06	CT024	81.77	76.32
AZ045	59.18	55.23	CA114	124.34	116.06	CT026	91.63	85.51
AZ880	71.74	66.95	CA116	111.17	103.75	CT027	97.21	90.74
AZ901	78.44	73.22	CA117	124.34	116.06	CT028	91.63	85.51
CA001	124.34	116.06	CA118	124.34	116.06	CT029	101.00	94.26

PHA	A rate	B rate	PHA	A rate	B rate	PHA	A rate	B rate
CT030	97.21	90.74	FL072	77.87	72.68	IA054	65.95	61.55
CT031	81.77	76.32	FL073	69.13	64.52	IA056	65.95	61.55
CT032	91.63	85.51	FL075	77.67	72.49	IA057	65.95	61.55
CT033	91.63	85.51	FL079	98.69	92.11	IA084	65.95	61.55
CT036	91.63	85.51	FL080	82.31	76.82	IA087	70.58	65.87
CT038	91.63	85.51	FL081	98.69	92.11	IA098	69.48	64.86
CT039	91.63	85.51	FL083	82.31	76.82	IA100	65.95	61.55
CT040	91.63	85.51	FL092	63.66	59.41	IA107	65.95	61.55
CT041	91.63	85.51	FL093	81.13	75.71	IA108	65.95	61.55
CT042	101.00	94.26	FL102	63.15	58.94	IA113	76.56	71.45
CT047	82.46	76.96	FL104	77.67	72.49	IA114	65.95	61.55
CT048	91.63	85.51	FL105	85.25	79.56	IA117	69.61	64.97
CT049	91.63	85.51	FL106	81.13	75.71	IA119	65.95	61.55
CT051	91.63	85.51	FL109	62.05	57.92	IA120	78.77	73.53
CT052	97.21	90.74	FL110	63.15	58.94	IA122	65.95	61.55
CT053	91.63	85.51	FL113	77.87	72.68	IA124	65.95	61.55
CT058	81.77	76.32	FL116	98.69	92.11	IA125	65.95	61.55
CT061	81.77	76.32	FL119	82.31	76.82	IA126	72.21	67.40
CT063	101.00	94.26	FL123	78.29	73.07	IA127	65.95	61.55
CT067	101.00	94.26	FL128	81.66	76.23	IA128	65.95	61.55
CT068	91.63	85.51	FL132	82.44	76.97	IA129	65.95	61.55
CT901	91.63	85.51	FL136	98.69	92.11	IA130	65.95	61.55
DC001	114.69	107.05	FL137	77.67	72.49	IA131	78.77	73.53
DC880	114.69	107.05	FL139	64.65	60.34	IA132	76.56	71.45
DE001	90.84	84.79	FL141	84.98	79.31	IA136	65.95	61.55
DE002	79.68	74.37	FL144	106.69	99.60	ID005	67.21	62.73
DE003	90.84	84.79	FL145	105.40	98.39	ID013	83.52	77.95
DE005	90.84	84.79	FL147	63.15	58.94	ID016	83.52	77.95
DE901	79.68	74.37	FL201	81.13	75.71	ID021	83.52	77.95
FL001	73.57	68.67	FL202	62.05	57.92	ID901	69.57	64.92
FL002	77.67	72.49	FL881	105.40	98.39	IL002	95.61	89.22
FL003	77.67	72.49	FL888	77.67	72.49	IL003	75.49	70.46
FL004	81.13	75.71	GA001	68.81	64.22	IL004	68.80	64.21
FL005	105.40	98.39	GA002	68.81	64.22	IL006	67.38	62.89
FL007	77.87	72.68	GA004	68.81	64.22	IL009	72.21	67.40
FL008	85.25	79.56	GA006	83.89	78.29	IL010	72.21	67.40
FL009	82.31	76.82	GA007	68.81	64.22	IL011	61.14	57.07
FL010	98.69	92.11	GA009	68.81	64.22	IL012	65.10	60.76
FL011	64.65	60.34	GA010	83.89	78.29	IL014	72.77	67.92
FL013	106.69	99.60	GA011	83.89	78.29	IL015	66.03	61.62
FL015	69.13	64.52	GA023	68.81	64.22	IL016	60.83	56.78
FL017	105.40	98.39	GA062	65.31	60.96	IL018	72.21	67.40
FL018	63.15	58.94	GA078	83.89	78.29	IL020	72.21	67.40
FL019	74.89	69.91	GA095	83.89	78.29	IL022	68.66	64.08
FL020	74.89	69.91	GA116	83.89	78.29	IL024	95.61	89.22
FL021	82.31	76.82	GA188	83.89	78.29	IL025	95.61	89.22
FL022	77.87	72.68	GA228	83.89	78.29	IL026	95.61	89.22
FL023	85.25	79.56	GA232	83.89	78.29	IL028	68.80	64.21
FL024	77.87	72.68	GA237	83.89	78.29	IL030	66.03	61.62
FL025	74.89	69.91	GA264	83.89	78.29	IL032	72.77	67.92
FL026	64.65	60.34	GA269	83.89	78.29	IL034	67.38	62.89
FL028	98.69	92.11	GA285	68.81	64.22	IL035	72.77	67.92
FL030	77.87	72.68	GA901	83.89	78.29	IL036	61.14	57.07
FL031	62.05	57.92	GQ901	115.26	107.59	IL037	60.83	56.78
FL032	63.66	59.41	HI002	113.76	106.17	IL038	60.83	56.78
FL033	81.13	75.71	HI003	126.72	118.28	IL039	65.23	60.89
FL034	77.67	72.49	HI004	126.74	118.30	IL040	60.83	56.78
FL035	63.15	58.94	HI005	128.12	119.59	IL042	60.83	56.78
FL037	73.57	68.67	HI901	126.72	118.28	IL043	60.83	56.78
FL041	82.75	77.24	IA002	65.95	61.55	IL050	61.14	57.07
FL045	82.75	77.24	IA004	69.33	64.71	IL051	67.14	62.67
FL046	63.15	58.94	IA015	65.95	61.55	IL052	60.83	56.78
FL047	81.66	76.23	IA018	69.01	64.41	IL053	61.14	57.07
FL049	62.05	57.92	IA020	78.77	73.53	IL054	95.61	89.22
FL053	63.66	59.41	IA022	80.28	74.94	IL056	95.61	89.22
FL057	62.05	57.92	IA023	69.61	64.97	IL057	60.83	56.78
FL060	79.52	74.22	IA024	76.26	71.17	IL059	60.83	56.78
FL062	77.67	72.49	IA030	65.95	61.55	IL061	61.55	57.44
FL063	69.80	65.15	IA038	76.56	71.45	IL074	66.03	61.62
FL066	105.40	98.39	IA042	65.95	61.55	IL076	60.83	56.78
FL068	105.40	98.39	IA045	72.21	67.40	IL079	60.83	56.78
FL069	63.15	58.94	IA047	65.95	61.55	IL082	60.83	56.78
FL070	69.80	65.15	IA049	65.95	61.55	IL083	68.66	64.08
FL071	64.65	60.34	IA050	76.56	71.45	IL084	64.53	60.23

PHA	A rate	B rate	PHA	A rate	B rate	PHA	A rate	B rate
IL085	62.10	57.97	IN100	57.30	53.48	LA013	71.29	66.52
IL086	64.53	60.23	IN901	64.36	60.07	LA023	66.61	62.17
IL087	60.83	56.78	KS001	64.19	59.90	LA024	66.10	61.69
IL088	60.83	56.78	KS002	60.28	56.27	LA029	66.61	62.17
IL089	75.77	70.72	KS004	64.95	60.61	LA031	66.10	61.69
IL090	95.61	89.22	KS006	57.08	53.27	LA032	66.61	62.17
IL091	60.83	56.78	KS017	57.08	53.27	LA033	66.10	61.69
IL092	95.61	89.22	KS038	57.08	53.27	LA036	66.10	61.69
IL095	71.35	66.59	KS041	57.08	53.27	LA037	71.11	66.38
IL096	60.83	56.78	KS043	64.19	59.90	LA046	66.61	62.17
IL101	95.61	89.22	KS053	66.62	62.18	LA057	66.61	62.17
IL103	95.61	89.22	KS062	57.08	53.27	LA063	66.61	62.17
IL104	75.49	70.46	KS063	57.23	53.42	LA067	66.10	61.69
IL107	95.61	89.22	KS068	64.19	59.90	LA074	66.10	61.69
IL116	95.61	89.22	KS073	64.95	60.61	LA086	66.10	61.69
IL117	67.14	62.67	KS091	57.08	53.27	LA094	71.29	66.52
IL120	60.83	56.78	KS149	57.08	53.27	LA097	66.10	61.69
IL122	68.66	64.08	KS159	57.08	53.27	LA101	76.97	71.84
IL123	60.83	56.78	KS161	57.08	53.27	LA103	71.29	66.52
IL124	75.49	70.46	KS162	64.19	59.90	LA104	66.61	62.17
IL126	61.14	57.07	KS165	57.08	53.27	LA111	66.10	61.69
IL130	95.61	89.22	KS166	57.08	53.27	LA114	66.10	61.69
IL131	72.21	67.40	KS167	57.23	53.42	LA115	66.10	61.69
IL136	95.61	89.22	KS168	60.28	56.27	LA120	66.61	62.17
IL137	96.43	89.99	KS170	57.08	53.27	LA122	66.61	62.17
IL901	95.61	89.22	KY001	61.41	57.32	LA125	66.10	61.69
IN002	52.23	48.75	KY003	56.21	52.46	LA128	66.10	61.69
IN003	58.21	54.34	KY004	68.01	63.48	LA129	66.61	62.17
IN004	54.22	50.61	KY007	55.18	51.50	LA132	66.10	61.69
IN005	54.22	50.61	KY008	55.18	51.50	LA159	66.10	61.69
IN006	64.36	60.07	KY009	61.41	57.32	LA163	66.10	61.69
IN007	56.62	52.85	KY011	68.41	63.85	LA165	66.61	62.17
IN009	52.23	48.75	KY012	56.26	52.51	LA166	66.10	61.69
IN010	71.06	66.33	KY015	69.20	64.58	LA168	66.61	62.17
IN011	71.06	66.33	KY017	55.18	51.50	LA169	66.10	61.69
IN012	61.41	57.32	KY021	55.18	51.50	LA171	66.61	62.17
IN015	57.30	53.48	KY022	55.18	51.50	LA172	66.61	62.17
IN016	56.26	52.51	KY026	55.18	51.50	LA173	66.61	62.17
IN017	64.36	60.07	KY027	55.18	51.50	LA174	66.61	62.17
IN018	52.23	48.75	KY035	55.18	51.50	LA178	66.61	62.17
IN019	56.13	52.38	KY040	55.18	51.50	LA179	66.61	62.17
IN020	57.30	53.48	KY047	55.18	51.50	LA181	71.29	66.52
IN021	54.22	50.61	KY053	55.18	51.50	LA182	66.10	61.69
IN022	57.68	53.85	KY056	55.18	51.50	LA184	69.78	65.14
IN023	61.41	57.32	KY061	68.01	63.48	LA186	66.61	62.17
IN025	61.41	57.32	KY071	61.34	57.25	LA187	71.29	66.52
IN026	56.25	52.50	KY086	55.18	51.50	LA188	66.10	61.69
IN029	71.06	66.33	KY107	55.18	51.50	LA189	66.61	62.17
IN031	52.23	48.75	KY121	55.18	51.50	LA190	69.78	65.14
IN032	53.17	49.62	KY132	61.11	57.03	LA192	66.10	61.69
IN035	54.22	50.61	KY133	69.20	64.58	LA194	68.25	63.71
IN037	56.26	52.51	KY135	69.20	64.58	LA195	66.10	61.69
IN041	52.23	48.75	KY136	69.20	64.58	LA196	66.61	62.17
IN043	52.23	48.75	KY137	55.18	51.50	LA199	76.97	71.84
IN047	52.23	48.75	KY138	55.18	51.50	LA202	76.97	71.84
IN048	52.23	48.75	KY140	68.01	63.48	LA204	76.97	71.84
IN050	52.23	48.75	KY141	55.18	51.50	LA205	76.97	71.84
IN055	53.17	49.62	KY142	60.35	56.32	LA206	66.61	62.17
IN056	54.67	51.02	KY150	55.18	51.50	LA207	66.61	62.17
IN058	58.73	54.83	KY157	55.18	51.50	LA211	68.25	63.71
IN060	56.25	52.50	KY160	55.18	51.50	LA212	66.10	61.69
IN062	56.07	52.34	KY161	60.35	56.32	LA213	71.11	66.38
IN067	52.23	48.75	KY163	55.18	51.50	LA214	66.61	62.17
IN071	62.16	58.00	KY169	55.18	51.50	LA215	66.10	61.69
IN073	52.23	48.75	KY171	61.41	57.32	LA219	76.97	71.84
IN077	53.17	49.62	KY901	68.01	63.48	LA220	66.10	61.69
IN078	54.67	51.02	LA001	71.29	66.52	LA222	66.10	61.69
IN079	64.36	60.07	LA002	69.78	65.14	LA229	66.10	61.69
IN080	64.36	60.07	LA003	76.97	71.84	LA230	69.78	65.14
IN084	52.23	48.75	LA004	66.61	62.17	LA232	66.10	61.69
IN086	52.23	48.75	LA005	66.61	62.17	LA233	66.10	61.69
IN091	52.23	48.75	LA006	66.61	62.17	LA238	71.29	66.52
IN092	52.23	48.75	LA009	76.97	71.84	LA241	66.10	61.69
IN094	54.36	50.72	LA012	71.29	66.52	LA242	66.10	61.69

PHA	A rate	B rate	PHA	A rate	B rate	PHA	A rate	B rate
LA246	66.10	61.69	MA078	117.46	109.64	MD023	84.56	78.92
LA247	66.10	61.69	MA079	126.96	118.49	MD024	114.69	107.05
LA248	66.10	61.69	MA080	117.46	109.64	MD025	84.56	78.92
LA253	68.25	63.71	MA081	117.46	109.64	MD027	84.56	78.92
LA257	66.10	61.69	MA082	117.46	109.64	MD028	66.34	61.90
LA258	66.10	61.69	MA084	117.46	109.64	MD029	90.84	84.79
LA266	66.61	62.17	MA085	117.46	109.64	MD032	84.56	78.92
LA888	69.78	65.14	MA086	117.46	109.64	MD033	84.56	78.92
LA889	71.29	66.52	MA087	117.46	109.64	MD034	84.56	78.92
LA903	71.29	66.52	MA088	117.46	109.64	MD901	114.69	107.05
MA001	117.46	109.64	MA089	126.96	118.49	ME001	64.81	60.49
MA002	126.96	118.49	MA090	126.96	118.49	ME002	64.81	60.49
MA003	126.96	118.49	MA091	126.96	118.49	ME003	103.66	96.76
MA005	117.46	109.64	MA092	126.96	118.49	ME004	64.81	60.49
MA006	116.13	108.40	MA093	126.96	118.49	ME005	74.18	69.22
MA007	117.46	109.64	MA094	116.88	109.10	ME006	79.27	73.97
MA008	117.46	109.64	MA095	127.26	118.78	ME007	74.18	69.22
MA010	117.46	109.64	MA096	116.88	109.10	ME008	68.14	63.59
MA012	117.46	109.64	MA098	126.96	118.49	ME009	75.29	70.28
MA013	126.96	118.49	MA099	126.96	118.49	ME011	91.20	85.11
MA014	126.96	118.49	MA100	117.46	109.64	ME015	103.66	96.76
MA015	126.96	118.49	MA101	126.96	118.49	ME018	75.29	70.28
MA016	126.96	118.49	MA105	117.46	109.64	ME019	83.08	77.53
MA017	126.96	118.49	MA106	117.46	109.64	ME020	103.66	96.76
MA018	116.13	108.40	MA107	117.46	109.64	ME021	75.29	70.28
MA019	126.96	118.49	MA108	117.46	109.64	ME025	64.81	60.49
MA020	126.96	118.49	MA109	126.96	118.49	ME027	66.53	62.10
MA022	126.96	118.49	MA110	127.26	118.78	ME028	91.20	85.11
MA023	126.96	118.49	MA111	126.96	118.49	ME030	68.14	63.59
MA024	117.46	109.64	MA112	126.96	118.49	ME901	63.62	59.37
MA025	126.96	118.49	MA116	126.96	118.49	MI001	66.73	62.29
MA026	117.46	109.64	MA117	126.96	118.49	MI003	66.73	62.29
MA027	126.96	118.49	MA118	126.96	118.49	MI005	66.73	62.29
MA028	126.96	118.49	MA119	126.96	118.49	MI006	57.07	53.26
MA029	117.46	109.64	MA121	126.96	118.49	MI008	66.73	62.29
MA031	126.96	118.49	MA122	126.96	118.49	MI009	57.44	53.61
MA032	126.96	118.49	MA123	117.46	109.64	MI010	58.17	54.30
MA033	126.96	118.49	MA125	126.96	118.49	MI019	54.78	51.13
MA034	117.46	109.64	MA127	117.46	109.64	MI020	54.78	51.13
MA035	117.46	109.64	MA133	126.96	118.49	MI023	55.08	51.41
MA036	126.96	118.49	MA134	126.96	118.49	MI027	66.73	62.29
MA037	117.46	109.64	MA135	126.96	118.49	MI030	54.78	51.13
MA039	117.46	109.64	MA138	127.26	118.78	MI031	62.99	58.79
MA040	126.96	118.49	MA139	117.46	109.64	MI032	58.17	54.30
MA041	117.46	109.64	MA140	126.96	118.49	MI035	60.15	56.14
MA042	126.96	118.49	MA147	126.96	118.49	MI036	54.78	51.13
MA043	117.46	109.64	MA154	126.96	118.49	MI037	66.73	62.29
MA044	126.96	118.49	MA155	126.96	118.49	MI038	57.67	53.84
MA045	126.96	118.49	MA165	126.96	118.49	MI039	66.73	62.29
MA046	127.26	118.78	MA170	116.13	108.40	MI040	66.73	62.29
MA047	127.26	118.78	MA172	117.46	109.64	MI044	66.73	62.29
MA048	126.96	118.49	MA174	126.96	118.49	MI045	66.73	62.29
MA050	117.46	109.64	MA180	127.26	118.78	MI047	54.78	51.13
MA051	117.46	109.64	MA181	127.26	118.78	MI048	66.73	62.29
MA053	126.96	118.49	MA188	117.46	109.64	MI049	54.78	51.13
MA054	126.96	118.49	MA880	126.96	118.49	MI050	54.78	51.13
MA055	126.96	118.49	MA881	126.96	118.49	MI051	66.73	62.29
MA056	126.96	118.49	MA882	117.46	109.64	MI052	66.73	62.29
MA057	126.96	118.49	MA883	126.96	118.49	MI055	66.73	62.29
MA059	126.96	118.49	MA901	126.96	118.49	MI058	63.98	59.72
MA060	117.46	109.64	MD001	84.56	78.92	MI059	66.73	62.29
MA061	126.96	118.49	MD002	84.56	78.92	MI060	58.76	54.83
MA063	126.96	118.49	MD003	114.69	107.05	MI061	59.13	55.19
MA065	126.96	118.49	MD004	114.69	107.05	MI063	54.78	51.13
MA066	117.46	109.64	MD006	66.34	61.90	MI064	79.51	74.21
MA067	126.96	118.49	MD007	114.69	107.05	MI066	62.99	58.79
MA069	126.96	118.49	MD009	63.94	59.68	MI070	58.76	54.83
MA070	126.96	118.49	MD014	76.00	70.94	MI073	62.99	58.79
MA072	126.96	118.49	MD015	114.69	107.05	MI074	59.13	55.19
MA073	126.96	118.49	MD016	90.84	84.79	MI080	60.81	56.76
MA074	126.96	118.49	MD018	84.56	78.92	MI084	58.76	54.83
MA075	126.96	118.49	MD019	76.22	71.13	MI087	58.76	54.83
MA076	117.46	109.64	MD021	95.93	89.53	MI089	66.73	62.29
MA077	117.46	109.64	MD022	114.69	107.05	MI093	62.99	58.79

PHA	A rate	B rate	PHA	A rate	B rate	PHA	A rate	B rate
MI094	54.78	51.13	MN193	68.83	64.25	MT004	83.29	77.73
MI096	66.73	62.29	MN197	61.26	57.17	MT006	67.48	62.99
MI097	66.73	62.29	MN200	61.26	57.17	MT015	73.11	68.22
MI100	66.73	62.29	MN203	64.27	59.98	MT033	78.24	73.01
MI112	54.78	51.13	MN212	89.79	83.81	MT036	73.11	68.22
MI115	62.99	58.79	MN216	89.79	83.81	MT901	86.92	81.13
MI117	54.78	51.13	MN219	66.70	62.26	NC001	65.65	61.27
MI119	54.78	51.13	MN220	66.83	62.38	NC002	78.43	73.19
MI120	58.17	54.30	MN801	89.79	83.81	NC003	71.93	67.12
MI121	59.13	55.19	MN802	89.79	83.81	NC004	62.57	58.40
MI132	54.78	51.13	MO001	66.03	61.62	NC006	67.94	63.42
MI139	66.73	62.29	MO002	64.19	59.90	NC007	65.65	61.27
MI157	66.73	62.29	MO003	63.30	59.08	NC008	71.93	67.12
MI167	63.98	59.72	MO004	66.03	61.62	NC009	66.73	62.27
MI168	63.98	59.72	MO006	66.03	61.62	NC011	67.94	63.42
MI178	54.78	51.13	MO007	63.30	59.08	NC012	67.94	63.42
MI186	55.08	51.41	MO008	63.30	59.08	NC013	78.43	73.19
MI194	63.98	59.72	MO009	63.30	59.08	NC014	62.57	58.40
MI198	62.99	58.79	MO010	63.30	59.08	NC015	65.65	61.27
MI880	63.98	59.72	MO014	63.30	59.08	NC018	62.57	58.40
MI901	66.73	62.29	MO016	63.30	59.08	NC019	65.65	61.27
MN001	89.79	83.81	MO017	64.19	59.90	NC020	62.57	58.40
MN002	89.79	83.81	MO030	64.19	59.90	NC021	78.43	73.19
MN003	66.42	61.99	MO037	63.30	59.08	NC022	65.65	61.27
MN006	62.11	57.97	MO040	63.30	59.08	NC025	62.57	58.40
MN007	66.42	61.99	MO053	64.19	59.90	NC032	62.57	58.40
MN008	61.26	57.17	MO058	63.30	59.08	NC035	63.16	58.95
MN009	61.26	57.17	MO064	63.30	59.08	NC039	64.63	60.33
MN018	61.26	57.17	MO065	63.30	59.08	NC050	65.78	61.39
MN021	75.15	70.14	MO072	63.30	59.08	NC056	69.17	64.56
MN032	61.26	57.17	MO074	63.30	59.08	NC057	71.93	67.12
MN034	61.26	57.17	MO107	63.30	59.08	NC059	67.94	63.42
MN037	61.26	57.17	MO129	63.30	59.08	NC065	71.93	67.12
MN038	68.41	63.85	MO133	63.30	59.08	NC070	68.42	63.85
MN049	61.26	57.17	MO145	63.30	59.08	NC071	64.63	60.33
MN063	66.70	62.26	MO149	63.30	59.08	NC072	68.13	63.60
MN067	89.79	83.81	MO188	63.30	59.08	NC075	62.57	58.40
MN073	66.42	61.99	MO190	63.30	59.08	NC077	62.57	58.40
MN077	66.83	62.38	MO193	64.19	59.90	NC081	67.94	63.42
MN085	61.26	57.17	MO196	64.19	59.90	NC087	65.65	61.27
MN090	61.26	57.17	MO197	64.19	59.90	NC089	62.57	58.40
MN101	61.26	57.17	MO198	63.30	59.08	NC098	65.65	61.27
MN107	61.26	57.17	MO199	66.03	61.62	NC102	68.42	63.85
MN128	61.26	57.17	MO200	63.30	59.08	NC104	78.43	73.19
MN144	89.79	83.81	MO203	63.30	59.08	NC118	62.57	58.40
MN147	89.79	83.81	MO204	64.19	59.90	NC120	78.43	73.19
MN151	74.34	69.40	MO205	66.03	61.62	NC134	68.42	63.85
MN152	89.79	83.81	MO206	63.30	59.08	NC137	65.65	61.27
MN153	61.26	57.17	MO207	63.30	59.08	NC138	62.57	58.40
MN154	61.26	57.17	MO209	63.30	59.08	NC139	62.57	58.40
MN158	75.15	70.14	MO210	64.19	59.90	NC140	65.65	61.27
MN161	64.27	59.98	MO212	63.30	59.08	NC141	62.57	58.40
MN163	89.79	83.81	MO213	64.19	59.90	NC144	65.65	61.27
MN164	75.15	70.14	MO215	63.30	59.08	NC145	62.57	58.40
MN166	61.26	57.17	MO216	63.30	59.08	NC146	62.57	58.40
MN167	66.70	62.26	MO217	63.30	59.08	NC147	65.65	61.27
MN168	64.27	59.98	MO227	66.03	61.62	NC149	62.57	58.40
MN169	61.26	57.17	MS004	63.36	59.14	NC150	62.57	58.40
MN170	89.79	83.81	MS005	66.43	62.01	NC151	62.57	58.40
MN171	63.23	59.00	MS006	63.36	59.14	NC152	65.65	61.27
MN172	68.41	63.85	MS016	67.53	63.03	NC155	62.57	58.40
MN173	61.26	57.17	MS019	63.36	59.14	NC159	69.17	64.56
MN174	61.26	57.17	MS030	63.36	59.14	NC160	62.57	58.40
MN176	61.26	57.17	MS040	66.43	62.01	NC161	62.57	58.40
MN177	61.26	57.17	MS057	63.36	59.14	NC163	65.78	61.39
MN178	64.27	59.98	MS058	78.40	73.16	NC164	78.43	73.19
MN179	61.26	57.17	MS095	63.36	59.14	NC165	62.57	58.40
MN180	61.26	57.17	MS103	78.40	73.16	NC166	62.57	58.40
MN182	61.26	57.17	MS107	63.36	59.14	NC167	63.74	59.49
MN184	89.79	83.81	MS128	63.36	59.14	NC173	65.65	61.27
MN188	61.26	57.17	MS301	66.43	62.01	NC175	65.65	61.27
MN190	61.26	57.17	MT001	86.92	81.13	NC901	62.57	58.40
MN191	61.26	57.17	MT002	76.95	71.83	ND001	75.15	70.14
MN192	61.26	57.17	MT003	71.63	66.85	ND002	75.04	70.03

PHA	A rate	B rate	PHA	A rate	B rate	PHA	A rate	B rate
ND003	75.04	70.03	NJ003	109.48	102.16	NJ212	107.56	100.39
ND009	75.04	70.03	NJ004	93.44	87.21	NJ214	109.75	102.44
ND010	75.15	70.14	NJ006	112.11	104.65	NJ880	109.75	102.44
ND011	75.04	70.03	NJ007	109.75	102.44	NJ881	112.11	104.65
ND012	75.15	70.14	NJ008	109.75	102.44	NJ882	109.48	102.16
ND013	75.04	70.03	NJ009	93.44	87.21	NJ902	90.84	84.79
ND014	75.15	70.14	NJ010	90.84	84.79	NJ912	109.48	102.16
ND015	75.04	70.03	NJ011	112.11	104.65	NM001	78.21	73.00
ND016	75.04	70.03	NJ012	93.44	87.21	NM002	60.44	56.41
ND017	75.04	70.03	NJ013	112.11	104.65	NM003	62.07	57.93
ND019	75.04	70.03	NJ014	92.57	86.42	NM006	78.11	72.89
ND021	75.15	70.14	NJ015	93.44	87.21	NM009	92.55	86.37
ND022	75.04	70.03	NJ021	112.11	104.65	NM020	61.16	57.07
ND025	75.04	70.03	NJ022	112.11	104.65	NM033	60.44	56.41
ND026	75.04	70.03	NJ023	109.48	102.16	NM039	60.44	56.41
ND030	75.04	70.03	NJ025	109.48	102.16	NM050	92.55	86.37
ND031	75.04	70.03	NJ026	93.44	87.21	NM057	78.21	73.00
ND035	75.04	70.03	NJ030	93.44	87.21	NM061	60.44	56.41
ND036	75.04	70.03	NJ032	109.48	102.16	NM063	61.16	57.07
ND037	75.04	70.03	NJ033	112.11	104.65	NM066	76.97	71.83
ND038	75.04	70.03	NJ035	112.11	104.65	NM067	60.44	56.41
ND039	75.04	70.03	NJ036	93.44	87.21	NM077	78.21	73.00
ND044	75.04	70.03	NJ037	109.48	102.16	NM088	64.45	60.16
ND049	75.04	70.03	NJ039	109.48	102.16	NV001	82.23	76.75
ND052	75.04	70.03	NJ042	112.11	104.65	NV018	92.37	86.22
ND054	75.04	70.03	NJ043	112.11	104.65	NV905	82.23	76.75
ND055	75.04	70.03	NJ044	112.11	104.65	NY001	73.89	68.97
ND070	75.04	70.03	NJ046	109.75	102.44	NY002	69.06	64.47
ND901	75.04	70.03	NJ047	112.11	104.65	NY003	115.02	107.36
NE001	69.61	64.97	NJ048	109.75	102.44	NY005	99.98	93.31
NE002	68.92	64.33	NJ049	89.00	83.06	NY006	67.65	63.15
NE003	68.92	64.33	NJ050	109.48	102.16	NY009	80.30	74.95
NE004	68.92	64.33	NJ051	90.84	84.79	NY012	80.30	74.95
NE010	68.92	64.33	NJ052	109.48	102.16	NY015	80.30	74.95
NE041	68.92	64.33	NJ054	109.75	102.44	NY016	70.07	65.40
NE078	68.92	64.33	NJ055	112.11	104.65	NY017	61.14	57.06
NE083	68.92	64.33	NJ056	109.75	102.44	NY018	64.81	60.49
NE094	68.92	64.33	NJ058	90.84	84.79	NY019	67.65	63.15
NE100	68.92	64.33	NJ059	92.57	86.42	NY020	80.30	74.95
NE104	68.92	64.33	NJ060	109.75	102.44	NY021	70.58	65.88
NE114	68.92	64.33	NJ061	89.00	83.06	NY022	80.30	74.95
NE120	68.92	64.33	NJ063	89.00	83.06	NY023	115.02	107.36
NE123	68.92	64.33	NJ065	109.75	102.44	NY025	80.30	74.95
NE141	68.92	64.33	NJ066	109.48	102.16	NY027	73.89	68.97
NE143	68.92	64.33	NJ067	112.11	104.65	NY028	80.30	74.95
NE150	68.92	64.33	NJ068	109.48	102.16	NY033	80.30	74.95
NE153	69.61	64.97	NJ070	112.11	104.65	NY034	67.65	63.15
NE157	68.92	64.33	NJ071	112.11	104.65	NY035	115.02	107.36
NE174	69.61	64.97	NJ073	90.84	84.79	NY038	115.02	107.36
NE175	69.01	64.41	NJ074	90.84	84.79	NY041	84.53	78.90
NE179	68.92	64.33	NJ075	112.11	104.65	NY042	115.02	107.36
NE180	68.92	64.33	NJ077	93.44	87.21	NY044	84.53	78.90
NE181	68.92	64.33	NJ081	109.75	102.44	NY045	90.43	84.40
NE182	68.92	64.33	NJ083	93.44	87.21	NY048	57.99	54.12
NH001	92.84	86.64	NJ084	112.11	104.65	NY049	102.76	95.92
NH002	98.63	92.05	NJ086	109.48	102.16	NY050	115.02	107.36
NH003	96.13	89.73	NJ088	109.48	102.16	NY051	102.76	95.92
NH004	96.13	89.73	NJ089	112.11	104.65	NY054	78.97	73.72
NH005	105.72	98.66	NJ090	112.11	104.65	NY057	115.02	107.36
NH006	96.13	89.73	NJ092	109.48	102.16	NY059	67.65	63.15
NH007	83.27	77.72	NJ095	109.75	102.44	NY060	74.27	69.32
NH008	96.13	89.73	NJ097	112.11	104.65	NY061	66.95	62.48
NH009	85.96	80.22	NJ099	109.48	102.16	NY062	102.76	95.92
NH010	98.80	92.21	NJ102	109.48	102.16	NY065	67.82	63.31
NH011	75.78	70.74	NJ105	109.48	102.16	NY066	68.34	63.80
NH012	80.73	75.35	NJ106	112.11	104.65	NY067	64.69	60.37
NH013	96.13	89.73	NJ108	109.48	102.16	NY068	63.38	59.14
NH014	96.13	89.73	NJ109	109.48	102.16	NY070	69.06	64.47
NH015	75.78	70.74	NJ110	112.11	104.65	NY071	75.78	70.72
NH016	75.78	70.74	NJ112	112.11	104.65	NY073	76.02	70.96
NH022	117.46	109.64	NJ113	109.48	102.16	NY077	115.02	107.36
NH888	98.63	92.05	NJ114	112.11	104.65	NY079	76.02	70.96
NH901	92.84	86.64	NJ118	90.84	84.79	NY084	99.98	93.31
NJ002	109.48	102.16	NJ204	90.84	84.79	NY085	115.02	107.36

PHA	A rate	B rate	PHA	A rate	B rate	PHA	A rate	B rate
NY086	115.02	107.36	NY534	67.65	63.15	OH070	67.79	63.26
NY087	62.33	58.16	NY535	80.30	74.95	OH071	71.03	66.29
NY088	115.02	107.36	NY538	80.30	74.95	OH072	59.05	55.11
NY089	84.53	78.90	NY541	63.38	59.14	OH073	71.46	66.69
NY091	69.06	64.47	NY552	67.65	63.15	OH074	60.70	56.65
NY094	115.02	107.36	NY557	80.30	74.95	OH075	59.05	55.11
NY098	67.65	63.15	NY561	80.30	74.95	OH076	59.05	55.11
NY102	73.89	68.97	NY562	80.30	74.95	OH077	59.05	55.11
NY103	90.43	84.40	NY564	80.30	74.95	OH078	59.05	55.11
NY107	73.89	68.97	NY630	80.30	74.95	OH079	67.79	63.26
NY109	67.65	63.15	NY888	115.02	107.36	OH080	60.49	56.45
NY110	99.98	93.31	NY889	61.14	57.06	OH081	60.56	56.52
NY111	115.02	107.36	NY891	115.02	107.36	OH082	59.19	55.24
NY113	115.02	107.36	NY892	115.02	107.36	OH083	67.79	63.26
NY114	99.98	93.31	NY895	115.02	107.36	OH085	71.03	66.29
NY117	115.02	107.36	NY904	115.02	107.36	OH086	59.05	55.11
NY120	115.02	107.36	NY912	69.06	64.47	OH882	71.46	66.69
NY121	115.02	107.36	OH001	67.79	63.26	OK002	63.67	59.43
NY123	115.02	107.36	OH002	61.56	57.45	OK005	61.94	57.81
NY125	102.76	95.92	OH003	71.46	66.69	OK006	61.62	57.52
NY127	115.02	107.36	OH004	69.20	64.58	OK024	61.62	57.52
NY128	115.02	107.36	OH005	63.13	58.92	OK027	61.62	57.52
NY130	115.02	107.36	OH006	71.03	66.29	OK032	61.62	57.52
NY132	115.02	107.36	OH007	70.29	65.62	OK033	61.94	57.81
NY134	102.76	95.92	OH008	61.56	57.45	OK044	61.62	57.52
NY137	102.76	95.92	OH009	59.05	55.11	OK062	61.62	57.52
NY138	99.98	93.31	OH010	59.05	55.11	OK067	61.62	57.52
NY141	115.02	107.36	OH012	71.46	66.69	OK073	61.94	57.81
NY146	115.02	107.36	OH014	61.97	57.84	OK095	63.35	59.13
NY147	115.02	107.36	OH015	69.20	64.58	OK096	61.62	57.52
NY148	99.98	93.31	OH016	60.56	56.52	OK099	61.62	57.52
NY149	115.02	107.36	OH018	60.56	56.52	OK111	61.62	57.52
NY151	115.02	107.36	OH019	60.35	56.32	OK118	61.62	57.52
NY152	115.02	107.36	OH020	59.05	55.11	OK139	63.67	59.43
NY154	115.02	107.36	OH021	63.13	58.92	OK142	61.94	57.81
NY158	102.76	95.92	OH022	63.13	58.92	OK146	61.62	57.52
NY159	115.02	107.36	OH024	59.05	55.11	OK148	63.35	59.13
NY160	99.98	93.31	OH025	71.46	66.69	OK901	63.67	59.43
NY165	115.02	107.36	OH026	60.02	56.01	OR001	83.78	78.19
NY402	71.35	66.59	OH027	71.46	66.69	OR002	83.78	78.19
NY403	57.73	53.88	OH028	62.88	58.68	OR003	84.99	79.33
NY404	69.06	64.47	OH029	69.68	65.02	OR005	79.10	73.83
NY405	69.06	64.47	OH030	59.05	55.11	OR006	96.28	89.86
NY406	84.53	78.90	OH031	70.29	65.62	OR007	81.32	75.89
NY408	80.30	74.95	OH032	59.26	55.31	OR008	89.95	83.95
NY409	69.06	64.47	OH033	59.05	55.11	OR011	89.95	83.95
NY413	74.27	69.32	OH034	59.26	55.31	OR014	89.95	83.95
NY416	80.30	74.95	OH035	59.05	55.11	OR015	95.65	89.27
NY417	67.65	63.15	OH036	59.32	55.37	OR016	83.78	78.19
NY421	80.30	74.95	OH037	59.05	55.11	OR017	77.62	72.46
NY422	80.30	74.95	OH038	69.20	64.58	OR019	85.05	79.37
NY424	80.30	74.95	OH039	59.05	55.11	OR020	84.99	79.33
NY427	80.30	74.95	OH040	59.05	55.11	OR022	83.78	78.19
NY428	80.30	74.95	OH041	59.05	55.11	OR026	86.03	80.29
NY430	80.30	74.95	OH042	71.46	66.69	OR027	77.62	72.46
NY431	80.30	74.95	OH043	67.79	63.26	OR028	83.78	78.19
NY433	57.99	54.12	OH044	61.56	57.45	OR031	87.14	81.34
NY443	67.65	63.15	OH045	59.05	55.11	OR032	81.32	75.89
NY447	80.30	74.95	OH046	59.05	55.11	OR034	92.48	86.32
NY449	69.06	64.47	OH047	59.05	55.11	PA001	63.40	59.17
NY501	80.30	74.95	OH049	69.20	64.58	PA002	90.84	84.79
NY503	80.30	74.95	OH050	59.05	55.11	PA003	61.46	57.36
NY504	73.89	68.97	OH053	59.05	55.11	PA004	77.37	72.20
NY505	70.07	65.40	OH054	61.53	57.43	PA005	63.40	59.17
NY512	80.30	74.95	OH056	59.05	55.11	PA006	63.40	59.17
NY513	80.30	74.95	OH058	59.05	55.11	PA007	90.84	84.79
NY516	80.30	74.95	OH059	67.79	63.26	PA008	79.18	73.90
NY519	80.30	74.95	OH060	59.05	55.11	PA009	75.45	70.41
NY521	73.89	68.97	OH061	60.41	56.38	PA010	63.40	59.17
NY522	62.33	58.16	OH062	63.13	58.92	PA011	77.37	72.20
NY527	73.89	68.97	OH063	59.05	55.11	PA012	90.84	84.79
NY529	90.43	84.40	OH066	59.05	55.11	PA013	76.96	71.83
NY530	74.27	69.32	OH067	59.05	55.11	PA014	63.40	59.17
NY532	80.30	74.95	OH069	59.05	55.11	PA015	63.40	59.17

PHA	A rate	B rate	PHA	A rate	B rate	PHA	A rate	B rate
PA016	69.71	65.06	RI007	116.13	108.40	RQ061	74.42	69.46
PA017	63.40	59.17	RI008	100.98	94.25	RQ062	74.42	69.46
PA018	63.40	59.17	RI009	116.13	108.40	RQ063	79.99	74.65
PA019	65.06	60.72	RI010	116.13	108.40	RQ064	79.99	74.65
PA020	71.42	66.66	RI011	116.13	108.40	RQ065	74.42	69.46
PA021	65.06	60.72	RI012	116.13	108.40	RQ066	74.42	69.46
PA022	72.68	67.83	RI014	116.13	108.40	RQ067	74.42	69.46
PA023	90.84	84.79	RI015	116.13	108.40	RQ068	74.42	69.46
PA024	77.37	72.20	RI016	116.13	108.40	RQ069	74.42	69.46
PA026	64.00	59.73	RI017	116.13	108.40	RQ070	79.99	74.65
PA027	60.66	56.61	RI018	116.13	108.40	RQ071	74.42	69.46
PA028	82.51	77.02	RI019	116.13	108.40	RQ072	79.99	74.65
PA029	65.53	61.16	RI020	116.13	108.40	RQ073	74.42	69.46
PA030	61.46	57.36	RI022	116.13	108.40	RQ074	74.42	69.46
PA031	67.00	62.53	RI024	116.13	108.40	RQ075	79.99	74.65
PA032	64.66	60.34	RI026	116.13	108.40	RQ077	79.99	74.65
PA033	64.00	59.73	RI027	116.13	108.40	RQ080	74.42	69.46
PA034	69.13	64.51	RI028	116.13	108.40	RQ081	79.99	74.65
PA035	79.18	73.90	RI029	116.13	108.40	RQ082	79.99	74.65
PA036	80.41	75.06	RI901	116.13	108.40	RQ083	79.99	74.65
PA037	69.71	65.06	RQ006	79.99	74.65	RQ901	79.99	74.65
PA038	61.46	57.36	RQ007	74.42	69.46	RQ911	79.99	74.65
PA039	74.47	69.51	RQ008	79.99	74.65	SC001	70.95	66.22
PA041	63.86	59.60	RQ009	74.42	69.46	SC002	71.72	66.94
PA042	61.46	57.36	RQ010	74.42	69.46	SC003	65.47	61.10
PA043	61.46	57.36	RQ011	79.99	74.65	SC004	65.47	61.10
PA044	61.46	57.36	RQ012	74.42	69.46	SC005	65.47	61.10
PA045	64.56	60.25	RQ013	79.99	74.65	SC007	68.81	64.22
PA046	90.84	84.79	RQ014	79.99	74.65	SC008	65.47	61.10
PA047	61.46	57.36	RQ015	79.99	74.65	SC015	63.41	59.18
PA048	75.01	70.01	RQ016	79.99	74.65	SC016	65.47	61.10
PA050	62.31	58.17	RQ017	74.42	69.46	SC018	65.47	61.10
PA051	90.84	84.79	RQ018	74.42	69.46	SC019	65.47	61.10
PA052	79.18	73.90	RQ019	79.99	74.65	SC020	65.47	61.10
PA053	64.56	60.25	RQ020	81.73	76.28	SC021	63.41	59.18
PA054	63.17	58.95	RQ021	79.99	74.65	SC022	71.93	67.12
PA055	64.56	60.25	RQ022	79.99	74.65	SC023	65.47	61.10
PA056	61.77	57.65	RQ023	79.99	74.65	SC024	70.95	66.22
PA057	61.46	57.36	RQ024	79.99	74.65	SC025	65.47	61.10
PA058	64.00	59.73	RQ025	79.99	74.65	SC026	66.82	62.35
PA059	61.77	57.65	RQ026	74.42	69.46	SC027	65.47	61.10
PA060	64.56	60.25	RQ027	79.99	74.65	SC028	63.41	59.18
PA061	64.56	60.25	RQ028	79.99	74.65	SC029	65.47	61.10
PA063	64.56	60.25	RQ029	74.42	69.46	SC030	63.41	59.18
PA064	62.31	58.17	RQ030	74.42	69.46	SC031	63.41	59.18
PA065	64.56	60.25	RQ031	74.42	69.46	SC032	65.47	61.10
PA067	77.37	72.20	RQ032	79.99	74.65	SC033	63.41	59.18
PA068	62.31	58.17	RQ033	74.42	69.46	SC034	65.47	61.10
PA069	67.00	62.53	RQ034	79.99	74.65	SC035	63.41	59.18
PA071	75.45	70.41	RQ035	74.42	69.46	SC036	71.93	67.12
PA073	61.46	57.36	RQ036	79.99	74.65	SC037	65.47	61.10
PA074	62.31	58.17	RQ037	74.42	69.46	SC046	71.93	67.12
PA075	79.18	73.90	RQ038	79.99	74.65	SC056	70.95	66.22
PA076	77.37	72.20	RQ039	81.73	76.28	SC057	70.95	66.22
PA077	63.17	58.95	RQ040	81.73	76.28	SC059	63.41	59.18
PA078	100.29	93.61	RQ041	74.42	69.46	SC911	71.72	66.94
PA079	64.00	59.73	RQ042	74.42	69.46	SD010	69.03	64.42
PA080	63.17	58.95	RQ043	74.42	69.46	SD011	67.22	62.74
PA081	77.37	72.20	RQ044	79.99	74.65	SD014	67.22	62.74
PA082	73.06	68.19	RQ045	79.99	74.65	SD016	69.03	64.42
PA083	61.99	57.86	RQ046	74.42	69.46	SD021	67.22	62.74
PA085	60.66	56.61	RQ047	79.99	74.65	SD026	67.22	62.74
PA086	61.77	57.65	RQ048	74.42	69.46	SD034	67.22	62.74
PA087	76.96	71.83	RQ049	79.99	74.65	SD035	73.04	68.16
PA088	86.25	80.49	RQ050	79.99	74.65	SD036	67.22	62.74
PA090	80.41	75.06	RQ052	74.42	69.46	SD037	67.22	62.74
PA091	73.31	68.42	RQ053	79.99	74.65	SD039	69.03	64.42
PA092	62.46	58.30	RQ054	79.99	74.65	SD043	67.22	62.74
RI001	116.13	108.40	RQ055	74.42	69.46	SD045	67.22	62.74
RI002	116.13	108.40	RQ056	79.99	74.65	SD047	67.22	62.74
RI003	116.13	108.40	RQ057	74.42	69.46	SD048	67.22	62.74
RI004	116.13	108.40	RQ058	74.42	69.46	SD055	67.22	62.74
RI005	110.95	103.54	RQ059	74.42	69.46	SD056	67.22	62.74
RI006	116.13	108.40	RQ060	74.42	69.46	SD057	67.22	62.74

PHA	A rate	B rate	PHA	A rate	B rate	PHA	A rate	B rate
SD058	67.22	62.74	TX096	60.94	56.88	TX447	64.15	59.86
SD059	67.22	62.74	TX105	60.94	56.88	TX448	64.15	59.86
TN001	67.53	63.03	TX111	65.49	61.12	TX449	60.94	56.88
TN002	62.62	58.44	TX114	60.94	56.88	TX452	73.18	68.32
TN003	62.99	58.80	TX128	85.36	79.68	TX454	60.94	56.88
TN004	68.46	63.89	TX134	60.94	56.88	TX455	82.23	76.75
TN005	74.84	69.85	TX137	63.99	59.72	TX456	72.96	68.10
TN006	62.62	58.44	TX147	60.94	56.88	TX457	68.34	63.79
TN007	62.62	58.44	TX152	60.94	56.88	TX458	63.99	59.72
TN012	62.99	58.80	TX158	63.99	59.72	TX459	71.76	66.98
TN013	62.03	57.90	TX163	74.62	69.63	TX461	64.83	60.52
TN020	74.84	69.85	TX164	74.62	69.63	TX470	63.99	59.72
TN024	62.03	57.90	TX173	64.89	60.56	TX472	63.99	59.72
TN026	62.03	57.90	TX174	74.62	69.63	TX480	83.25	77.71
TN035	74.84	69.85	TX175	60.94	56.88	TX481	63.99	59.72
TN038	62.62	58.44	TX177	64.15	59.86	TX482	63.99	59.72
TN042	62.03	57.90	TX178	60.94	56.88	TX483	75.51	70.49
TN054	62.62	58.44	TX183	60.94	56.88	TX484	81.55	76.11
TN062	62.03	57.90	TX189	60.94	56.88	TX485	60.94	56.88
TN065	62.99	58.80	TX193	73.18	68.32	TX486	61.94	57.81
TN066	62.62	58.44	TX197	63.99	59.72	TX488	60.94	56.88
TN076	62.62	58.44	TX201	60.94	56.88	TX493	85.36	79.68
TN079	74.84	69.85	TX202	64.15	59.86	TX495	79.54	74.24
TN088	62.99	58.80	TX206	64.89	60.56	TX497	64.15	59.86
TN113	62.99	58.80	TX208	63.99	59.72	TX498	65.49	61.12
TN117	68.46	63.89	TX210	63.99	59.72	TX499	63.99	59.72
TN903	74.84	69.85	TX217	60.94	56.88	TX500	60.94	56.88
TQ901	115.26	107.59	TX224	64.15	59.86	TX505	75.51	70.49
TX001	83.25	77.71	TX236	63.99	59.72	TX509	64.89	60.56
TX003	70.73	66.00	TX242	60.94	56.88	TX511	60.94	56.88
TX004	79.54	74.24	TX257	63.99	59.72	TX512	60.94	56.88
TX005	75.51	70.49	TX259	83.25	77.71	TX514	63.99	59.72
TX006	73.18	68.32	TX263	60.94	56.88	TX516	60.94	56.88
TX007	64.89	60.56	TX264	83.25	77.71	TX519	60.94	56.88
TX008	74.62	69.63	TX266	83.25	77.71	TX522	85.36	79.68
TX009	85.36	79.68	TX272	60.94	56.88	TX523	65.49	61.12
TX010	63.99	59.72	TX284	60.94	56.88	TX526	85.52	79.82
TX011	63.99	59.72	TX298	60.94	56.88	TX533	85.36	79.68
TX012	75.51	70.49	TX300	60.94	56.88	TX534	82.23	76.75
TX014	63.99	59.72	TX302	74.62	69.63	TX535	60.94	56.88
TX016	60.94	56.88	TX303	73.18	68.32	TX537	60.94	56.88
TX017	75.51	70.49	TX309	60.94	56.88	TX542	63.99	59.72
TX018	63.99	59.72	TX313	74.62	69.63	TX546	63.99	59.72
TX019	60.94	56.88	TX322	83.25	77.71	TX559	85.36	79.68
TX021	60.94	56.88	TX327	63.99	59.72	TX560	75.51	70.49
TX023	73.12	68.24	TX330	60.94	56.88	TX901	75.51	70.49
TX025	64.89	60.56	TX332	60.94	56.88	UT002	69.85	65.20
TX027	85.36	79.68	TX335	60.94	56.88	UT003	69.85	65.20
TX028	64.15	59.86	TX341	71.76	66.98	UT004	69.85	65.20
TX029	64.15	59.86	TX343	73.18	68.32	UT006	74.57	69.59
TX030	63.99	59.72	TX349	79.54	74.24	UT007	69.85	65.20
TX031	83.25	77.71	TX350	73.18	68.32	UT009	69.85	65.20
TX032	75.51	70.49	TX358	60.94	56.88	UT011	69.85	65.20
TX034	73.12	68.24	TX372	60.94	56.88	UT014	84.82	79.16
TX035	61.09	57.01	TX376	60.94	56.88	UT015	84.82	79.16
TX037	73.12	68.24	TX377	83.25	77.71	UT016	84.82	79.16
TX039	60.94	56.88	TX378	61.09	57.01	UT020	69.85	65.20
TX042	60.94	56.88	TX381	60.94	56.88	UT021	71.94	67.15
TX044	60.94	56.88	TX392	85.36	79.68	UT022	69.85	65.20
TX046	64.15	59.86	TX395	62.95	58.76	UT025	69.85	65.20
TX048	60.94	56.88	TX396	60.94	56.88	UT026	69.85	65.20
TX049	60.94	56.88	TX397	60.94	56.88	UT028	84.82	79.16
TX051	64.15	59.86	TX421	60.94	56.88	UT029	84.82	79.16
TX062	64.15	59.86	TX431	79.54	74.24	UT030	69.85	65.20
TX064	64.15	59.86	TX432	70.73	66.00	UT031	74.57	69.59
TX065	64.89	60.56	TX433	79.54	74.24	VA001	77.79	72.60
TX072	60.94	56.88	TX434	85.36	79.68	VA002	62.62	58.44
TX073	64.15	59.86	TX435	85.36	79.68	VA003	77.79	72.60
TX075	60.94	56.88	TX436	85.36	79.68	VA004	114.69	107.05
TX079	63.99	59.72	TX439	70.73	66.00	VA005	70.56	65.85
TX081	60.94	56.88	TX440	75.51	70.49	VA006	77.79	72.60
TX085	88.67	82.75	TX441	75.51	70.49	VA007	70.56	65.85
TX087	83.25	77.71	TX444	63.99	59.72	VA010	59.70	55.72
TX095	85.36	79.68	TX445	64.15	59.86	VA011	62.10	57.95

PHA	A rate	B rate	PHA	A rate	B rate
VA012	77.79	72.60	WI031	54.95	51.28
VA013	62.80	58.61	WI043	55.34	51.66
VA014	62.80	58.61	WI045	54.95	51.28
VA015	56.16	52.42	WI047	54.95	51.28
VA016	78.90	73.64	WI048	54.95	51.28
VA017	77.79	72.60	WI060	89.79	83.81
VA018	56.16	52.42	WI064	60.98	56.92
VA019	114.69	107.05	WI065	55.34	51.66
VA020	70.56	65.85	WI068	55.85	52.12
VA021	56.16	52.42	WI069	55.85	52.12
VA022	57.09	53.27	WI070	54.95	51.28
VA023	57.09	53.27	WI083	65.72	61.34
VA024	56.16	52.42	WI085	54.95	51.28
VA025	77.79	72.60	WI091	54.95	51.28
VA028	114.69	107.05	WI096	54.95	51.28
VA030	56.16	52.42	WI127	54.95	51.28
VA031	62.62	58.44	WI131	54.95	51.28
VA032	62.62	58.44	WI142	65.72	61.34
VA034	56.16	52.42	WI160	54.95	51.28
VA035	114.69	107.05	WI166	54.95	51.28
VA036	78.90	73.64	WI183	60.04	56.03
VA037	56.30	52.54	WI186	55.09	51.41
VA038	56.16	52.42	WI193	54.95	51.28
VA039	77.79	72.60	WI195	67.96	63.42
VA040	56.16	52.42	WI195	67.96	63.42
VA041	77.79	72.60	WI201	65.72	61.34
VA042	62.62	58.44	WI203	60.98	56.92
VA044	57.06	53.26	WI204	55.85	52.12
VA046	114.69	107.05	WI205	54.95	51.28
VA901	70.56	65.85	WI206	54.95	51.28
VQ901	97.78	91.26	WI208	54.95	51.28
VT001	93.98	87.72	WI213	55.34	51.66
VT002	82.48	76.98	WI214	73.14	68.27
VT003	85.32	79.63	WI218	65.72	61.34
VT004	84.47	78.84	WI219	60.98	56.92
VT005	79.08	73.81	WI221	54.95	51.28
VT006	93.98	87.72	WI222	54.95	51.28
VT008	79.08	73.81	WI231	54.95	51.28
VT009	79.93	74.60	WI233	54.95	51.28
VT901	93.98	87.72	WI237	55.97	52.24
WA001	101.38	94.60	WI241	54.95	51.28
WA002	101.38	94.60	WI242	54.95	51.28
WA003	89.54	83.57	WI244	60.32	56.30
WA004	84.56	78.92	WI245	54.95	51.28
WA005	86.08	80.36	WI246	55.58	51.87
WA006	101.38	94.60	WI248	54.95	51.28
WA007	69.02	64.42	WI256	54.95	51.28
WA008	83.78	78.19	WI901	54.95	51.28
WA011	101.38	94.60	WV001	73.20	68.32
WA012	78.20	72.98	WV003	59.05	55.11
WA013	78.47	73.23	WV004	60.35	56.32
WA014	65.20	60.86	WV005	57.93	54.07
WA017	67.21	62.73	WV006	61.01	56.94
WA018	84.56	78.92	WV009	61.66	57.55
WA020	69.02	64.42	WV010	63.75	59.50
WA021	78.20	72.98	WV015	57.93	54.07
WA024	99.35	92.71	WV016	61.97	57.84
WA025	96.24	89.81	WV017	57.70	53.86
WA036	89.54	83.57	WV018	57.70	53.86
WA039	101.38	94.60	WV027	58.91	54.99
WA042	81.31	75.88	WV034	57.70	53.86
WA049	92.51	86.33	WV035	58.91	54.99
WA054	86.08	80.36	WV037	60.35	56.32
WA055	77.87	72.69	WV039	57.93	54.07
WA057	84.54	78.90	WV042	57.93	54.07
WA061	87.99	82.12	WV045	57.70	53.86
WA064	80.07	74.72	WV045	57.70	53.86
WA071	71.46	66.69	WY002	85.45	79.76
WI001	66.42	61.99	WY003	68.38	63.83
WI002	65.72	61.34	WY004	102.96	96.10
WI003	73.14	68.27	WY013	68.38	63.83
WI006	62.88	58.69			
WI011	55.85	52.12			
WI020	89.79	83.81			

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## DEPARTMENT OF THE INTERIOR

## Fish and Wildlife Service

[Docket No. FWS-HQ-IA-2021-0008; FXIA1671090000-FF09A30000-223]

**Conference of the Parties to the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES); Nineteenth Regular Meeting; Tentative U.S. Negotiating Positions for Agenda Items and Species Proposals Submitted by Foreign Governments, the Permanent CITES Committees, and the CITES Secretariat**

AGENCY: Fish and Wildlife Service, Interior.

ACTION: Notice.

**SUMMARY:** The United States, as a Party to the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), will attend the nineteenth regular meeting of the Conference of the Parties to CITES (CoP19) in Panama City, Panama, November 14–25, 2022. This notice announces the availability of tentative U.S. negotiating positions on proposed resolutions, decisions, and amendments to the CITES Appendices (species proposals), as well as other agenda items that have been submitted by other Parties, the permanent CITES committees, and the CITES Secretariat for consideration at CoP19. With this notice, we announce that prior to CoP19 we will make available a summary of our proposed negotiating positions and the reasons for our proposed positions.

**DATES:** The nineteenth regular meeting of the Conference of the Parties to CITES (CoP19) will be held November 14–25, 2022. Information on tentative U.S. negotiating positions on species proposals, draft resolutions and decisions, and agenda items will be available on our website and the Federal eRulemaking Portal on or before November 13, 2022.

**ADDRESSES:** Information on tentative U.S. negotiating positions on species proposals, draft resolutions and decisions, and agenda items submitted by other countries, the permanent CITES committees, and the CITES Secretariat for consideration at CoP19 will be available on our website, <https://www.fws.gov/program/cites/conference-parties-cites>, and via the Federal eRulemaking Portal at <https://www.regulations.gov> in Docket No. FWS-HQ-IA-2021-0008 (the docket number for this notice).

**FOR FURTHER INFORMATION CONTACT:** For information pertaining to resolutions,