

# 2020 Census Update Leave Weekly Update

OD 9.b

7/7/2020

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# Update Leave Schedule, Progress and Cost

## Key Dates:

| Activity                             | Start          | Finish     |
|--------------------------------------|----------------|------------|
| Conduct Update Leave Production      | 05/06/2020 (A) | 07/07/2020 |
| Conduct Update Leave Quality Control | 05/18/2020 (A) | 07/20/2020 |

## Current Progress:

- 97.99% blocks complete, 99.03% original addresses complete
- 145 ACOs production complete, 139 ACOs QC complete
- 24 ACOs Incomplete
  - 36 AIAs incomplete
  - 4 ACOs incomplete due to Military or Other

## Quality Control:

- 22,948 BCUs selected, 22,605 BCUs completed (98.5%)
- 50.1% BCU failure rate, 7.9% weighted address level error rate

# Update Leave Processing, PR Responses and System Status

## MAF/TIGER Processing:

| BCU (Block) Processing     | % Blocks | % Addresses |
|----------------------------|----------|-------------|
| Received from LiMA         | 97.84%   | 98.86%      |
| Processed in Preprocessing | 97.84%   | n/a         |
| Run Through MAF Updating   | 73.72%   | 69.22%      |

## Puerto Rico Self Response:

- 13.56% complete (12.39% internet, 0.44% paper, 0.73% phone)
- 233,891 UL Paper Questionnaires from PR are being tracked back to a PDC center.

## UL System Status:

- WL 3306 Postcard cut, GQ and TL workloads are now sending daily

# Backup Slides

# Key Dates

| Activity   | Start          | Finish         |
|--|----------------|----------------|
| Conduct Refresher Training   | 04/27/2020 (A) | 05/03/2020 (A) |
| Un-Pause ACOs that opened May 18th                                 |                | 05/16/2020 (A) |
| Activate MOJO Optimizer for ACOs that opened May 18th              |                | 05/17/2020 (A) |
| Conduct QC Enumerator Capstone Training- ACOs that opened May 18th | 05/28/2020 (A) | 05/28/2020 (A) |
|  | 05/29/2020 (A) | 05/29/2020 (A) |
|  | 05/30/2020 (A) | 05/30/2020 (A) |
| Un-Pause ACOs that opened May 25th                                 |                | 05/23/2020 (A) |
| Activate MOJO Optimizer for ACOs that opened May 25th              |                | 05/25/2020 (A) |
| Conduct QC Enumerator Capstone Training- ACOs that opened May 25th | 06/04/2020 (A) | 06/04/2020 (A) |
|  | 06/05/2020 (A) | 06/05/2020 (A) |
|  | 06/06/2020 (A) | 06/06/2020 (A) |
| Un-Pause ACOs that opened June 1st                                 |                | 05/30/2020 (A) |
| Activate MOJO Optimizer for ACOs that opened June 1st              |                | 05/31/2020 (A) |
| Conduct QC Enumerator Capstone Training- ACOs that opened June 1st | 06/11/2020 (A) | 06/11/2020 (A) |
|  | 06/12/2020 (A) | 06/12/2020 (A) |
|  | 06/13/2020 (A) | 06/13/2020 (A) |
| Un-Pause ACOs that opened June 8th                                 |                | 06/06/2020 (A) |
| Activate MOJO Optimizer for ACOs that opened June 8th              |                | 06/07/2020 (A) |
| Conduct QC Enumerator Capstone Training- ACOs that opened June 8th | 06/18/2020 (A) | 06/18/2020 (A) |
|  | 06/19/2020 (A) | 06/19/2020 (A) |
|  | 06/20/2020 (A) | 06/20/2020 (A) |
| Conduct Update Leave Production                                    | 05/06/2020 (A) | 07/07/2020     |
| Conduct Update Leave Quality Control                               | 05/18/2020 (A) | 07/20/2020     |

# Current Production Status - Progress

| RCC                         | Block Workload | Blocks Assigned | % of Block Wkld Assigned | Blocks Compl   | % Blks Compl  | Orig Addresses   | Orig Addr Compl  | % of Orig Addr Compl in Blk Wkld |
|-----------------------------|----------------|-----------------|--------------------------|----------------|---------------|------------------|------------------|----------------------------------|
| <b>Total</b>                | <b>311,358</b> | <b>306,735</b>  | <b>98.52%</b>            | <b>305,113</b> | <b>97.99%</b> | <b>6,805,523</b> | <b>6,739,273</b> | <b>99.03%</b>                    |
| Atlanta/2999                | 30,170         | 30,149          | 99.93%                   | 30,062         | 99.64%        | 737,836          | 735,623          | 99.70%                           |
| Chicago/2599                | 32,431         | 31,821          | 98.12%                   | 31,792         | 98.03%        | 591,628          | 589,677          | 99.67%                           |
| Dallas/3199                 | 108,869        | 104,960         | 96.41%                   | 103,509        | 95.08%        | 1,669,479        | 1,608,644        | 96.36%                           |
| Los Angeles/3299            | 37,532         | 37,453          | 99.79%                   | 37,402         | 99.65%        | 756,609          | 755,452          | 99.85%                           |
| New York/2299 (Stateside)   | 24,849         | 24,845          | 99.98%                   | 24,841         | 99.97%        | 630,528          | 630,434          | 99.99%                           |
| New York/2299 (Puerto Rico) | 45,578         | 45,578          | 100.00%                  | 45,578         | 100.00%       | 1,776,226        | 1,776,226        | 100.00%                          |
| Philadelphia/2399           | 31,929         | 31,929          | 100.00%                  | 31,929         | 100.00%       | 643,217          | 643,217          | 100.00%                          |

Data as of 7/7/20

145 ACOs have completed their Production Workload, 139 ACOs have completed Prod and QC.

# ACOs Remaining-Production Workload

| RCC | State | ACO                    | Week of Restart | BCU Workload | % Blks Compl | Orig Addresses | % of Orig Addr Compl in Blk Wkld |
|-----|-------|------------------------|-----------------|--------------|--------------|----------------|----------------------------------|
| LA  | AK    | Anchorage/3298*        | 5/4/20          | 3,919        | 99.95%       | 110,022        | 99.99%                           |
| DA  | MT    | Billings/3160*         | 5/4/20          | 7,821        | 93.82%       | 112,978        | 95.34%                           |
| DA  | ND    | Bismarck/3162*         | 5/4/20          | 3,400        | 99.29%       | 41,666         | 98.67%                           |
| AT  | FL    | Lakeland/2971*         | 5/11/20         | 1,035        | 97.87%       | 32,761         | 98.95%                           |
| AT  | FL    | Lauderdale Lakes/2966* | 5/11/20         | 309          | 72.17%       | 9,090          | 79.45%                           |
| LA  | WA    | Olympia/3294*          | 5/11/20         | 1,156        | 98.44%       | 19,942         | 99.18%                           |
| DA  | CO    | Colorado Springs/3156  | 5/18/20         | 5,144        | 99.96%       | 89,968         | 99.93%                           |
| DA  | AZ    | Flagstaff/3105*        | 5/18/20         | 5,475        | 89.04%       | 87,506         | 93.31%                           |
| DA  | NM    | Las Cruces/3165*       | 5/18/20         | 3,452        | 96.93%       | 56,667         | 97.46%                           |
| DA  | NE    | Lincoln/3163           | 5/18/20         | 2,254        | 99.96%       | 30,263         | 100.00%                          |
| LA  | NV    | North Las Vegas/3258*  | 5/18/20         | 3,029        | 99.41%       | 42,460         | 99.78%                           |
| DA  | AZ    | Tucson/3109*           | 5/18/20         | 4,831        | 99.36%       | 83,666         | 99.23%                           |
| DA  | NM    | Albuquerque/3164*      | 5/25/20         | 6,110        | 87.22%       | 110,944        | 88.33%                           |
| LA  | CA    | Camarillo/3284*        | 5/25/20         | 438          | 99.09%       | 7,186          | 98.51%                           |
| CG  | MN    | Duluth/2578*           | 5/25/20         | 4,544        | 86.11%       | 76,481         | 97.48%                           |
| NY  | MA    | East Bridgewater/2259* | 5/25/20         | 1,886        | 99.79%       | 48,194         | 99.91%                           |
| LA  | CA    | El Cajon/3266*         | 5/25/20         | 555          | 91.35%       | 9,839          | 95.45%                           |

\*ACO has block(s) where areas are currently inaccessible

Data as of 7/7/20

## ACOs Remaining - Production Workload (cont.)

| RCC | State | ACO                | Week of Restart | BCU Workload | % Blks Compl | Orig Addresses | % of Orig Addr Compl in Blk Wkld |
|-----|-------|--------------------|-----------------|--------------|--------------|----------------|----------------------------------|
| CG  | MI    | Lansing/2574*      | 5/25/20         | 160          | 95.00%       | 3,264          | 99.17%                           |
| LA  | CA    | Santa Rosa/3286*   | 5/25/20         | 2,660        | 99.89%       | 45,421         | 99.97%                           |
| DA  | SD    | Sioux Falls/3169   | 5/25/20         | 4,906        | 98.88%       | 50,100         | 98.21%                           |
| NY  | NY    | Syracuse/2291*     | 5/25/20         | 2,535        | 99.84%       | 61,983         | 99.92%                           |
| LA  | CA    | Bakersfield/3263*  | 6/1/20          | 2,030        | 98.67%       | 43,584         | 99.43%                           |
| LA  | CA    | Palm Springs/3273* | 6/8/20          | 950          | 98.95%       | 15,723         | 99.57%                           |
| DA  | AZ    | Window Rock/3110   | 6/8/20          | 8,375        | 60.87%       | 76,821         | 56.82%                           |

\*ACO has block(s) where areas are currently inaccessible

Data as of 7/7/20

# UL QC Results—Cumulative

|   | This Week | Last Week | Final AdCan Results | Final IL Results |
|---|-----------|-----------|---------------------|------------------|
| BCUs Selected for QC                            | 22,948    | 22,772    | 123,361             | 2,158            |
| BCUs Completed QC                               | 22,605    | 22,307    | 123,361             | 2,158            |
| Enumerator Error Rate, BCU Level (Unweighted)   | 50.1%     | 50.2%     | 36.3%               | 45.7%            |
| Enumerator Error Rate, BCU Level (Weighted)     | 45.6%     | 45.8%     | 34.8%               | 41.0%            |
| Addresses Checked in QC                         | 572,135   | 564,061   | 3,425,283           | 96,647           |
| Enumerator Error Rate, Address Level (Weighted) | 7.9%      | 7.9%      | 4.3%                | 11.1%            |
| Percent of Enumerators Selected                 | 60.0%     | 59.9%     | 84%                 | 69.3%            |
| Percent of Enumerators Checked                  | 99.1%     | 98.4%     | 100%                | 100.0%           |
| Percent with 0 Failed BCUs                      | 33.5%     | 33.4%     | 27%                 | 36.9%            |
| Percent with 5+ Failed BCUs                     | 2.2%      | 2.1%      | 12%                 | 1.6%             |

SMaRCS Data as of 07/06/20 These results may differ from UTS reports  
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# QC Results – Coverage Errors by Sampling Stratum

| Simulated Enumerator's Coverage Error | Low Stratum | Middle Stratum | High Stratum | Overall | Final AdCan Results | Final IL Results |
|---------------------------------------|-------------|----------------|--------------|---------|---------------------|------------------|
| Missed Adds                           | 31.9        | 30.9           | 33.0         | 31.8    | 15.7                | 63.0             |
| Missed Deletes                        | 26.8        | 38.7           | 53.6         | 30.7    | 18.6                | 46.1*            |
| Incorrect Deletes                     | 11.0        | 15.3           | 16.8         | 12.2    | 7.3                 | —                |

Calculated per 1,000 units worked in production

\*In IL, this error is an incorrect add and not a missed delete.

# QC Sampling Results – BCUs Distribution Across Sampling Stratum

| BCUs                    | Low Stratum<br>(5% sample rate,<br>2% sample rate)* |         | Middle Stratum<br>(10% sample rate) |         | High Stratum<br>(100% sample rate) |         | Total   |
|-------------------------|---|---------|-------------------------------------|---------|------------------------------------|---------|---------|
|                         | Count   | Percent | Count                               | Percent | Count                              | Percent | Count   |
| Completed in Production | 249,194   | 81.9%   | 44,869                              | 14.7%   | 10,380                             | 3.4%    | 304,443 |
| Selected for QC*        | 7,461   | 32.5%   | 5,547                               | 24.2%   | 9,940                              | 43.3%   | 22,948  |
| Selected During 100%    | 1,907   | 50.9%   | 1,397                               | 37.3%   | 443                                | 11.8%   | 3,747   |
| Sampling Pre-Change     | 1,585   | 29.5%   | 918                                 | 17.1%   | 2,879                              | 53.5%   | 5,382   |
| Sampling Post-Change    | 3,969   | 28.7%   | 3,232                               | 23.4%   | 6,618                              | 47.9%   | 13,819  |
| Completed in QC         | 7,351   | 32.5%   | 5,481                               | 24.3%   | 9,773                              | 43.2%   | 22,605  |
| Failed QC (Unweighted‡) | 2,920   | 40.4%   | 2,893                               | 53.4%   | 5,330                              | 55.7%   | 11,143  |
| Failed QC (Weighted)    | —   | 43.7%   | —                                   | 53.9%   | —                                  | 55.7%   | 45.6%   |

Sampling was changed beginning 5/15

SMaRCS Data as of 07/06/20 These results may differ from UTS reports

\*3,439 BCUs were removed from the QC workload

‡Percent of Pass Plus Fail in QC

# Update Leave MAF/TIGER Processing

| BCU (Block) Processing                  | Counts         | Percent of Universe | Increase from 06/29 |
|---|----------------|---------------------|---------------------|
| Total Blocks in Update Leave Universe   | <b>311,358</b> |                     |                     |
| Total Blocks Received from LiMA         | 304,645        | 97.84%              | 3,854               |
| Total Blocks Processed in Preprocessing | 304,645        | 97.84%              | 3,854               |
| Total Blocks Run Through MAF Updating   | 229,529        | 73.72%              | 81,778              |

| Address Record Processing                | Counts    | Percent of Universe | Increase from 06/29 |
|--|-----------|---------------------|---------------------|
| Total Addresses Received from LiMA       | 6,762,081 | 98.86%              | 49,990              |
| Total Addresses Run Through MAF Updating | 4,734,626 | 69.22%              | 1,624,973           |

Data as of 7/7/20

# Update Leave: Frame Summary

| Address Action                      | Total            |              | 50 States        |              | Puerto Rico      |              |
|-------------------------------------|------------------|--------------|------------------|--------------|------------------|--------------|
|                                     | Number           | Percent      | Number           | Percent      | Number           | Percent      |
| Add                                 | 729,468          | 9.8          | 494,196          | 9.1          | 235,272          | 11.7         |
| Verify                              | 2,574,475        | 34.4         | 1,993,503        | 36.5         | 580,972          | 28.8         |
| Address Changes                     | 1,827,565        | 24.5         | 1,116,344        | 20.4         | 711,221          | 35.3         |
| Other Corrections                   | 674,721          | 9.0          | 575,110          | 10.5         | 99,611           | 4.9          |
| Delete                              | 1,089,641        | 14.6         | 829,607          | 15.2         | 260,034          | 12.9         |
| Duplicate                           | 290,728          | 3.9          | 190,336          | 3.5          | 100,392          | 5.0          |
| Non-residential                     | 99,088           | 1.3          | 85,690           | 1.6          | 13,398           | 0.7          |
| Conversions to Group Quarters       | 10,981           | 0.1          | 9,243            | 0.2          | 1,738            | 0.1          |
| Conversions to Transitory Locations | 67,041           | 0.9          | 65,589           | 1.2          | 1,452            | 0.1          |
| Unable to Work                      | 109,622          | 1.5          | 99,334           | 1.8          | 10,288           | 0.5          |
| <b>Total Address Records</b>        | <b>7,473,330</b> | <b>100.0</b> | <b>5,458,952</b> | <b>100.0</b> | <b>2,014,378</b> | <b>100.0</b> |
| Number of BCUs                      | 302,966          |              | 257,388          |              | 45,578           |              |

Note: QC results are incorporated into these results. Data indicate the final field actions.

# Update Leave: Types of Addresses Being Confirmed

- Units being confirmed by UL include Verifies, Changes, and Corrections.

- In 302,966 completed BCUs,

50 States: (257,388 BCUs)

- 68.5 percent of the 646,881 addresses added or verified by LUCA are confirmed
- 81.4 percent of the 946,253 addresses that were residential on the latest DSF are confirmed
- 78.4 percent of the 4,035,612 addresses that were in the 2010 Census are confirmed
- For confirmed records, 98.9 percent of accepted map spots remain within same BCU, 1.1 percent moving between BCUs

Puerto Rico: (45,578 BCUs)

- 71.3 percent of the 60,363 addresses added or verified by LUCA are confirmed
- 76.4 percent of the 704,786 addresses that were residential on the latest DSF are confirmed
- 84.9 percent of the 1,566,797 addresses that were in the 2010 Census are confirmed
- For confirmed records, 97.5 percent of accepted map spots remain within same BCU, 2.5 percent moving between BCUs

# Update Leave: Types of Addresses Being Removed

- Units being removed from Census frame (Removals) include Deletes, Duplicates, and Non-residential

## 50 States: (257,388 BCUs)

- 27.2 percent of the 646,881 addresses added or verified by LUCA are removed
- 16.8 percent of the 946,253 addresses that were residential on the latest DSF are removed
- 18.6 percent of the 4,035,612 addresses that were in the 2010 Census are removed

## Puerto Rico: (45,578 BCUs)

- 27.2 percent of the 60,363 addresses added or verified by LUCA are removed
- 23.0 percent of the 704,786 addresses that were residential on the latest DSF are removed
- 14.4 percent of the 1,566,797 addresses that were in the 2010 Census are removed

- Duplicates

## 50 States

- 51.2 percent of Duplicates linked non-DSF record with a DSF record
- 2.9 percent of Duplicates linked two DSF records

## Puerto Rico

- 69.9 percent of Duplicates linked non-DSF record with a DSF record
- 6.9 percent of Duplicates linked two DSF records

# Update Leave: Coverage Changes

- 50 States:

# BCUs received to date: 257,388

- 32.7 percent of BCUs have no adds
- 8.3 percent of BCUs have no removals
- 22.0 percent of BCUs have no adds and no removals
- 180 BCUs have > 100 adds
- 140 BCUs have > 200 removals
- 8,598 adds and deletes exact match\* in different BCUs

\*Exact matching, not done in Puerto Rico, is for preliminary analysis only and does not reflect production matching performed during MAF update.

- Puerto Rico:

# BCUs received to date: 45,578

- 19.9 percent of BCUs have no adds
- 10.5 percent of BCUs have no removals
- 13.7 percent of BCUs have no adds and no removals
- 155 BCUs have > 100 adds
- 92 BCUs have > 200 removals

# Summary Self-Response – Puerto Rico

| Mode                        | % of All Responses | Response Volume | % of Universe Responses* |
|-----------------------------|--------------------|-----------------|--------------------------|
| <b>Total Self-Responses</b> | <b>100%</b>        | <b>240,836</b>  | <b>13.56%</b>            |
| Internet                    | 91.41%             | 220,157         | 12.39%                   |
| Paper                       | 3.24%              | 7,796           | 0.44%                    |
| Phone                       | 5.35%              | 12,883          | 0.73%                    |

\*Percent is based on the Original Address list of Puerto Rico (1,776,226 HU)

Data as of 7/7/20

- 233,891 UL Paper Questionnaires from PR are being tracked back to a PDC center.

# AIA Update

- There are 186 Federally Recognized Tribes that are a part of the UL field operation.
- There are 300 AIAs in FOCS under the Update Leave module (includes Hawaiian Homelands).
  - 19 AIAs appear in multiple ACOs
- 129 of the 300 AIAs do not have a Census employee hired for UL.
  - The 129 AIAs are within 36 ACOs
  - 70 open, 50 closed, 9 no status

| <b>UL Progress Status:</b>                     | <b>7.7.20</b> |
|--|---------------|
| ACOs Completed (Production Workload)           | 145           |
| Number of ACOs Completed (PROD WKLD) with AIAs | 38            |
| <b>AIAs that Completed Production Workload</b> | <b>129</b>    |
| AIAs Completed (PROD WKLD) with Staff          | 64            |
| AIAs Completed (PROD WKLD) w/o Staff           | 65            |

# UL System Status

- UL WL 3306 (Postcard) cut on 7/4
- GQ and TL workloads now being cut daily
- Incidents
  - INC565612 (CDL) Update to CDL->DRPS sends for multiple 4.083 events with same CUSTID and distinct RSCID – logic update for UL Non-ID - targeted to STG 7/22/20

# ACOs Production Complete

| RCC | State | ACO                  | BCUs Completed | Original Addresses Completed |
|-----|-------|----------------------|----------------|------------------------------|
| AT  | AL    | Birmingham/2904      | 1,254          | 30,819                       |
| AT  | AL    | Huntsville/2905      | 822            | 19,661                       |
| AT  | AL    | Mobile/2906          | 1,369          | 31,472                       |
| AT  | FL    | Fort Lauderdale/2967 | 68             | 4,383                        |
| AT  | FL    | Fort Myers/2968      | 581            | 23,007                       |
| AT  | FL    | Gainesville, FL/2969 | 829            | 17,779                       |
| AT  | FL    | Jacksonville/2970    | 50             | 1,621                        |
| AT  | FL    | Miami North/2972     | 47             | 4,609                        |
| AT  | FL    | Miami South/2973     | 146            | 7,269                        |
| AT  | FL    | Ocala/2974           | 567            | 13,747                       |
| AT  | FL    | Orange County/2975   | 216            | 13,622                       |
| AT  | FL    | Pensacola/2976       | 755            | 19,589                       |
| AT  | FL    | Seminole County/2977 | 123            | 4,265                        |
| AT  | FL    | St. Petersburg/2978  | 308            | 10,792                       |
| AT  | FL    | Tampa/2979           | 128            | 5,087                        |
| AT  | FL    | West Palm Beach/2980 | 88             | 4,250                        |
| AT  | GA    | Atlanta/2910         | 75             | 6,199                        |
| AT  | GA    | Columbus/2981        | 2,140          | 38,583                       |

| RCC | State | ACO                   | BCUs Completed | Original Addresses Completed |
|-----|-------|-----------------------|----------------|------------------------------|
| AT  | GA    | DeKalb County/2982    | 74             | 3,315                        |
| AT  | GA    | Douglasville/2983     | 104            | 3,154                        |
| AT  | GA    | Gainesville, GA/2984  | 723            | 20,045                       |
| AT  | GA    | Gwinnett County/2985  | 159            | 5,565                        |
| AT  | GA    | Macon/2986            | 315            | 6,895                        |
| AT  | GA    | Savannah/2987         | 1,294          | 28,161                       |
| AT  | LA    | Baton Rouge/2988      | 1,248          | 24,269                       |
| AT  | LA    | Jefferson Parish/2989 | 872            | 22,181                       |
| AT  | LA    | New Orleans/2990      | 273            | 7,204                        |
| AT  | LA    | Shreveport/2991       | 2,143          | 37,793                       |
| AT  | MS    | Gulfport/2901         | 1,210          | 24,380                       |
| AT  | MS    | Jackson/2902          | 1,951          | 30,119                       |
| AT  | NC    | Asheville/2992        | 2,030          | 45,579                       |
| AT  | NC    | Charlotte/2993        | 86             | 4,374                        |
| AT  | NC    | Durham/2994           | 198            | 6,442                        |
| AT  | NC    | Fayetteville/2995     | 1,064          | 28,196                       |
| AT  | NC    | Greenville, NC/2996   | 2,237          | 62,600                       |
| AT  | NC    | Raleigh/2997          | 319            | 7,676                        |

Data as of 7/7/20

## ACOs Production Complete (cont.)

| RCC | State | ACO                    | BCUs Completed | Original Addresses Completed |
|-----|-------|------------------------|----------------|------------------------------|
| AT  | NC    | Winston-Salem/2998     | 398            | 9,908                        |
| AT  | SC    | Charleston/2907        | 1,226          | 38,629                       |
| AT  | SC    | Columbia/2908          | 874            | 14,104                       |
| AT  | SC    | Greenville, SC/2909    | 462            | 8,642                        |
| CG  | AR    | Fayetteville/2556      | 1,300          | 21,757                       |
| CG  | AR    | Little Rock/2557       | 3,308          | 55,959                       |
| CG  | IL    | Peoria/2566            | 1,002          | 16,612                       |
| CG  | IL    | Springfield/2568       | 1,814          | 26,215                       |
| CG  | IN    | Evansville/2569        | 667            | 11,148                       |
| CG  | IN    | Ft. Wayne/2570         | 893            | 13,912                       |
| CG  | IN    | Lake County/2572       | 1,007          | 14,082                       |
| CG  | IA    | Des Moines/2558        | 825            | 14,050                       |
| CG  | MI    | Detroit/2573           | 139            | 3,955                        |
| CG  | MI    | Macomb County/2575     | 114            | 2,596                        |
| CG  | MI    | Traverse City, MI/2576 | 5,019          | 96,955                       |
| CG  | MN    | Rochester/2580         | 650            | 10,225                       |
| CG  | MO    | Kansas City/2581       | 1,163          | 17,774                       |
| CG  | MO    | Springfield/2582       | 5,222          | 110,142                      |

| RCC | State | ACO                   | BCUs Completed | Original Addresses Completed |
|-----|-------|-----------------------|----------------|------------------------------|
| CG  | MO    | St. Louis/2583        | 66             | 3,102                        |
| CG  | WI    | Eau Claire/2584       | 3,439          | 69,015                       |
| CG  | WI    | Green Bay/2585        | 472            | 12,710                       |
| CG  | WI    | Madison/2586          | 627            | 11,674                       |
| DA  | AZ    | Maricopa Central/3106 | 52             | 1,124                        |
| DA  | AZ    | Maricopa South/3107   | 10             | 409                          |
| DA  | AZ    | Maricopa West/3108    | 256            | 3,564                        |
| DA  | CO    | Aurora/3154           | 130            | 1,678                        |
| DA  | CO    | Colorado North/3155   | 3,983          | 102,246                      |
| DA  | CO    | Denver/3157           | 102            | 2,003                        |
| DA  | KS    | Overland Park/3158    | 491            | 6,208                        |
| DA  | KS    | Wichita/3159          | 2,156          | 26,377                       |
| DA  | OK    | Cleveland Co./3166    | 5,347          | 82,920                       |
| DA  | OK    | Oklahoma County/3167  | 2,652          | 29,244                       |
| DA  | OK    | Tulsa/3168            | 4,883          | 75,757                       |
| DA  | TX    | Collin Co./3172       | 312            | 6,620                        |
| DA  | TX    | Dallas Co. NW/3175    | 38             | 2,451                        |
| DA  | TX    | Denton Co./3176       | 1,466          | 24,547                       |

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## ACOs Production Complete (cont.)

| RCC | State | ACO                           | BCUs Completed | Original Addresses Completed |
|-----|-------|-------------------------------|----------------|------------------------------|
| DA  | TX    | El Paso/3177                  | 2027           | 26775                        |
| DA  | TX    | Fort Bend Co./3178            | 2,269          | 42,155                       |
| DA  | TX    | Hidalgo Co.- Cameron Co./3183 | 2,086          | 48,835                       |
| DA  | TX    | Laredo/3187                   | 5,050          | 79,084                       |
| DA  | TX    | Lubbock/3188                  | 5570           | 62,137                       |
| DA  | TX    | Montgomery Co./3189           | 1,847          | 37,851                       |
| DA  | TX    | Tyler/3193                    | 2,984          | 60,149                       |
| DA  | TX    | Waco/3194                     | 1,484          | 25,707                       |
| DA  | TX    | Williamson Co./3195           | 1,576          | 25,357                       |
| DA  | UT    | Orem/3196                     | 4,848          | 73,652                       |
| DA  | UT    | Salt Lake City/3197           | 697            | 14,936                       |
| DA  | WY    | Casper/3198                   | 4,785          | 67,114                       |
| LA  | CA    | Chico/3264                    | 4,501          | 91,663                       |
| LA  | CA    | Concord/3265                  | 94             | 2,728                        |
| LA  | CA    | Fresno/3270                   | 327            | 7,060                        |
| LA  | CA    | Fullerton/3267                | 35             | 960                          |
| LA  | CA    | San Bernardino/3278           | 2,168          | 61,276                       |
| LA  | CA    | San Jose/3281                 | 498            | 8,962                        |

| RCC | State | ACO                | BCUs Completed | Original Addresses Completed |
|-----|-------|--------------------|----------------|------------------------------|
| LA  | CA    | San Mateo/3282     | 187            | 4,059                        |
| LA  | CA    | Santa Ana/3283     | 36             | 781                          |
| LA  | CA    | Santa Clarita/3285 | 183            | 2,426                        |
| LA  | CA    | Spokane/3296       | 3,655          | 57,901                       |
| LA  | CA    | Stockton/3288      | 1,467          | 33,639                       |
| LA  | CA    | Sunnyvale/3289     | 27             | 569                          |
| LA  | CA    | Vista/3291         | 166            | 7,197                        |
| LA  | HI    | Honolulu/3255      | 2,447          | 63,303                       |
| LA  | ID    | Boise/3256         | 4,688          | 70,679                       |
| LA  | NV    | Las Vegas/3257     | 293            | 5,206                        |
| LA  | OR    | Eugene/3259        | 1,042          | 20,029                       |
| LA  | OR    | Salem/3261         | 256            | 7,169                        |
| LA  | QA    | Everett/3293       | 460            | 9,640                        |
| LA  | WA    | Inglewood/3268     | 57             | 2,575                        |
| LA  | WA    | Tacoma/3297        | 208            | 4,610                        |
| NY  | CT    | Danbury/2253       | 105            | 2,495                        |
| NY  | CT    | Hartford/2254      | 203            | 3,951                        |
| NY  | ME    | Gardiner/2262      | 4886           | 111,689                      |

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## ACOs Production Complete (cont.)

| RCC | State | ACO                   | BCUs Completed | Original Addresses Completed |
|-----|-------|-----------------------|----------------|------------------------------|
| NY  | MA    | Waltham/2260          | 9              | 273                          |
| NY  | MA    | Worcester/2261        | 941            | 20,777                       |
| NY  | NH    | Concord/2263          | 2,713          | 65,936                       |
| NY  | NJ    | Egg Harbor/2264       | 455            | 11,323                       |
| NY  | NJ    | Parsippany/2265       | 275            | 8,027                        |
| NY  | NJ    | South Plainfield/2266 | 36             | 3,130                        |
| NY  | NJ    | Toms River/2270       | 407            | 12,866                       |
| NY  | NJ    | Trenton/2271          | 122            | 5168                         |
| NY  | NY    | Albany/2272           | 3,852          | 100,669                      |
| NY  | NY    | Brooklyn 4/2292       | 2              | 7                            |
| NY  | NY    | Buffalo/2276          | 98             | 3,125                        |
| NY  | NY    | Garden City/2279      | 49             | 1,527                        |
| NY  | NY    | Melville/2275         | 924            | 27,586                       |
| NY  | NY    | Pawling/2282          | 1,357          | 37,598                       |
| NY  | NY    | Peekskill/2286        | 86             | 2,899                        |
| NY  | NY    | Rochester/2287        | 1,284          | 34,573                       |
| NY  | PR    | Caguas/2294           | 15,530         | 537,551                      |
| NY  | PR    | Guaynabo/2293         | 12,419         | 620,048                      |
| PH  | PR    | Mayaguez/2295         | 17,629         | 618,627                      |
| NY  | RI    | Providence/2296       | 179            | 5,657                        |

| RCC | State | ACO                     | BCUs Completed | Original Addresses Completed |
|-----|-------|-------------------------|----------------|------------------------------|
| NY  | VT    | Burlington/2297         | 2,445          | 61,075                       |
| PH  | KY    | Lexington/2357          | 3,030          | 72,349                       |
| PH  | OH    | Dayton/2368             | 161            | 3,035                        |
| PH  | OH    | Mansfield/2364          | 440            | 6,476                        |
| PH  | OH    | South Point, OH/2370    | 896            | 14,621                       |
| PH  | OH    | Toledo/2369             | 717            | 10,554                       |
| PH  | PA    | Allentown/2371          | 2,451          | 60,519                       |
| PH  | PA    | Cranberry Township/2372 | 2,860          | 47,567                       |
| PH  | PA    | Harrisburg/2373         | 505            | 8,620                        |
| PH  | PA    | Louisville/2358         | 316            | 6,244                        |
| PH  | PA    | Norristown/2374         | 128            | 2,978                        |
| PH  | PA    | Reading/2378            | 282            | 4,601                        |
| PH  | PA    | State College/2379      | 4,451          | 72,839                       |
| PH  | TN    | Knoxville/2380          | 132            | 3,018                        |
| PH  | TN    | Shelbyville/2383        | 278            | 5,992                        |
| PH  | VA    | Roanoke/2389            | 1,643          | 34,615                       |
| PH  | WV    | Beckley/2390            | 13,639         | 289,189                      |

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