



Annual Report

2022 Use of Unmanned Aerial Vehicles

June 15, 2023

Minnesota Bureau of Criminal Apprehension
1430 Maryland Ave. East
St. Paul, MN 55106
651-793-7000

<https://dps.mn.gov/divisions/bca>

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Introduction

Laws of Minnesota 2020, Chapter 82, section 5, subdivision 12a-b requires all law enforcement agencies that maintain or use an Unmanned Aerial Vehicle (UAV), also known as a drone, to report the following data by January 15 regarding the prior calendar year to the Minnesota Department of Public Safety (DPS):

- The number of times a UAV was deployed in circumstances where a search warrant is not required.
- The date of each deployment.
- The authorized use for each deployment (see [Laws of Minnesota 2020, Chapter 82](#), section 5, subdivision 3).
- The total cost of the agency's UAV program.

This report fulfills the further requirement that DPS compile the data into a report for the legislature to be posted on the department's website.

Background

Laws of Minnesota 2020, Chapter 82, was signed into law on May 16, 2020.

The BCA developed and provided a submittal form to law enforcement agencies in August 2020 that enables law enforcement agencies that maintain or use an Unmanned Aerial Vehicle (UAV) to report the data required by statute in a uniform manner.

The information provided to and compiled by the Minnesota Bureau of Criminal Apprehension (BCA) in this report covers the reporting period January 1, 2022, through December 31, 2022.

Summary Data

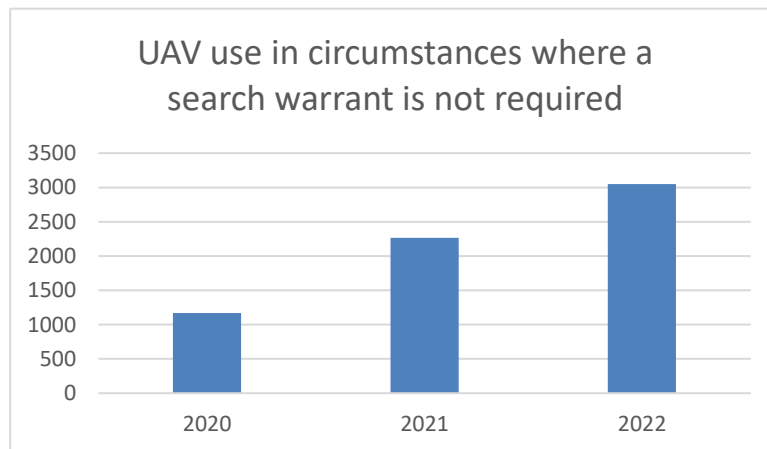
Agency Type and Total Uses in Circumstances Where a Search Warrant is Not Required

- Sheriff's departments: 56
- Police departments: 39
- Other (State Patrol, BCA and Cannon River Task Force): 3

Total agencies reporting: **98**

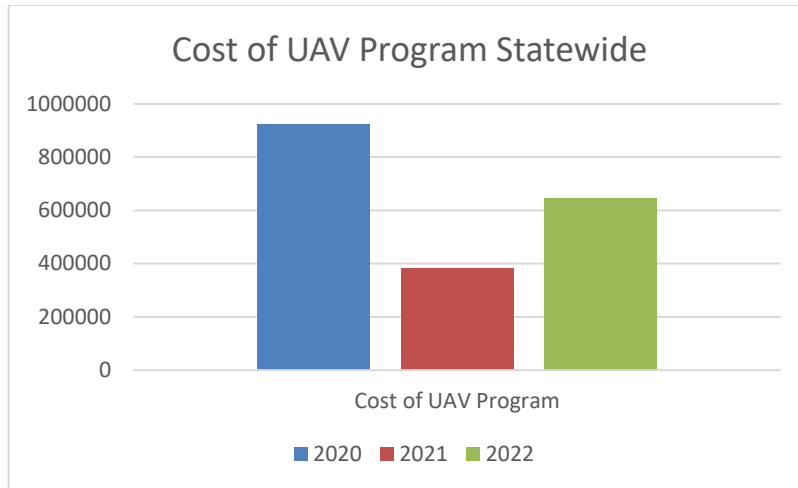
Total uses in circumstances where a search warrant is not required: **3076**

In 2022, Minnesota law enforcement agencies reported a total of 3076 on UAV uses in circumstances where a search warrant is not required. That is up 31.7% from the 2336 reported in 2021. Information on individual agency uses are provided below in summary and later in the report for each reason code.



Program Costs

In 2022, Minnesota law enforcement agencies spent a total of \$646,531.24 on UAV agency programs. That is up 69.8% from the \$380,740.96 total in 2021. Information on individual agency costs are provided below.



By-Agency UAV Use

| Name of law enforcement agency | ORI Number | Cost of UAV program for calendar year | Number of times UAV used in circumstances where a search warrant is not required |
|---|------------|---------------------------------------|--|
| Albert Lea Police Department | MN0240100 | 438.06 | 5 |
| Anoka County Sheriff | MN0020000 | 4,636.00 | 60 |
| Austin Police Department | MN0500100 | 0.00 | 7 |
| Baxter Police Department | MN0180500 | 0.00 | 0 |
| Becker County Sheriff | MN0030000 | 1,000.00 | 5 |
| Beltrami County Sheriff | MN0040000 | 500.00 | 11 |
| Benton County Sheriff | MN0050000 | 848.72 | 8 |
| Big Lake Police Department | MN0710100 | 0.00 | 39 |
| Big Stone County Sheriff | MN0060000 | 0.00 | 8 |
| Bloomington Police Department | MN0270100 | 16,040.99 | 47 |
| Blue Earth County Sheriff | MN0700000 | 1,000.00 | 31 |
| Brown County Sheriff | MN0080000 | 1,230.00 | 4 |
| Cannon River Drug and Violent Offender Task Force | | 1,370.00 | 21 |
| Carlton County Sheriff | MN0090000 | 1,688.19 | 27 |
| Cass County Sheriff | MN0110000 | 3,355.00 | 9 |
| Champlin Police Department | MN0272900 | 14,000.00 | 35 |
| Chanhassen Police Department | MN0100100 | 0.00 | 2 |
| Chippewa County Sheriff | MN0120000 | 500.00 | 5 |
| Chisago County Sheriff | MN0130000 | 3,492.42 | 51 |
| Clay County Sheriff | MN0140000 | 2,000.00 | 4 |
| Colombia Heights Police Department | MN0020400 | 541.00 | 14 |

| Name of law enforcement agency | ORI Number | Cost of UAV program for calendar year | Number of times UAV used in circumstances where a search warrant is not required |
|---|-------------------|--|---|
| Coon Rapids Police Department | MN0020500 | 33,065.00 | 70 |
| Cottage Grove Police Department | MN0820700 | 1,149.00 | 25 |
| Crow Wing County Sheriff | MN0180000 | 5,936.00 | 44 |
| Crystal Police Department | MN0270400 | 2,000.00 | 31 |
| Dakota County Sheriff | MN0190000 | 16,754.35 | 68 |
| Dodge County Sheriff | MN0200000 | 0.00 | 33 |
| Douglas County Sheriff | MN0210000 | 0.00 | 27 |
| Duluth Police Department | MN0690000 | 842.00 | 4 |
| Eagan Police Department | MN0190800 | 6,982.26 | 191 |
| Eden Prairie Police Department | MN0272600 | 28,393.00 | 35 |
| Edina Police Department | MN0270600 | 7,434.99 | 136 |
| Faribault County Sheriff | MN0220000 | 15,000.00 | 7 |
| Freeborn County Sheriff | MN0240000 | 0.00 | 3 |
| Fridley Police Department | MN0020600 | 0.00 | 5 |
| Golden Valley Police Department | MN0270800 | 10,000.00 | 34 |
| Goodhue County Sheriff | MN0250100 | 4,427.52 | 9 |
| Grant County Sheriff | MN0260000 | 0.00 | 7 |
| Hennepin County Sheriff | MN0270000 | 9,000.00 | 141 |
| Hubbard County Sheriff | MN0290000 | 300.00 | 2 |
| Isanti County Sheriff | MN0300000 | 2637.00 | 26 |
| Itasca County Sheriff | MN0310000 | 6,000.00 | 3 |
| Jackson County Sheriff | MN0320000 | 0.00 | 2 |
| Kandiyohi County Sheriff | MN0340000 | 6,500.00 | 8 |
| Lac Qui Parle County Sheriff | MN0370000 | 0.00 | 0 |
| Lake County Sheriff | MN0380000 | 5,417.16 | 10 |
| Leech Lake Tribal Police Department | | 0.00 | 6 |
| Maplewood Public Safety | MN0620400 | 13,193.98 | 0 |
| Marshall Police Department | MN0420100 | 2,000.00 | 1 |
| Mankato Department of Public Safety | MN0070100 | 658.00 | 1 |
| McLeod County Sheriff | MN0430000 | 2,000.00 | 7 |
| Mille Lacs County Sheriff | MN0480000 | 2,763.70 | 36 |
| Mille Lacs Tribal Police Department | MNDI02400 | 26,654.92 | 19 |
| Minneapolis Police Department | MN02711C2 | 62,402.59 | 2 |
| Minnesota Bureau of Criminal Apprehension | MNBCA0000 | 92,027.42 | 46 |
| Minnesota State Patrol | MNMHP2000 | 14,084.50 | 535 |
| Morrison County Sheriff | MN0490000 | 0.00 | 12 |
| New Brighton Department of Public Safety | MN0620600 | 61,828.92 | 0 |
| Nicollet County Sheriff | MN0520000 | 2,376.35 | 6 |
| Olmsted County Sheriff | MN0550000 | 5,000.00 | 6 |

| Name of law enforcement agency | ORI Number | Cost of UAV program for calendar year | Number of times UAV used in circumstances where a search warrant is not required |
|---------------------------------------|-------------------|--|---|
| Orono Police Department | MN0271500 | 14,764.00 | 30 |
| Ottertail County Sheriff | MN0560000 | 3,500.00 | 9 |
| Owatonna Police Department | MN0740100 | 0.00 | 17 |
| Pennington County Sheriff | MN0570000 | 0.00 | 0 |
| Pine County Sheriff | MN0580000 | 17,317.30 | 33 |
| Pipestone County Sheriff | MN0590000 | 3,000.00 | 8 |
| Plymouth Police Department | MN0271700 | 6,000.00 | 180 |
| Polk County Sheriff | MN0600000 | 100.00 | 6 |
| Pope County Sheriff | MN0610000 | 5,000.00 | 15 |
| Prior Lake Police Department | MN0700900 | 0.00 | 3 |
| Ramsey County Sheriff | MN0620000 | 24,043.41 | 168 |
| Red Lake County | MN0630000 | 350.00 | 15 |
| Redwood County Sheriff | MN0640000 | 0.00 | 11 |
| Renville County Sheriff | MN0650000 | 1,195.41 | 7 |
| Rice County Sheriff | MN0660000 | 10,000.00 | 39 |
| Rice Police Department | MN0503000 | 120.00 | 5 |
| Rochester Police Department | MN0550100 | 6,442.98 | 39 |
| Roseville Police Department | MN0620800 | 4,468.25 | 72 |
| Saint Cloud Police Department | MN0730400 | 918.99 | 122 |
| Sauk Centre Police Department | MN0730500 | 1,000.00 | 9 |
| Sauk Rapids Police Department | MN0050200 | 599.99 | 28 |
| Scott County Sheriff | MN0700000 | 5,943.94 | 1 |
| Sherburne County Sheriff | MN0710000 | 266.39 | 30 |
| Sibley County Sheriff | MN0720000 | 0.00 | 2 |
| St. Louis Park Police Department | MN0272100 | 0.00 | 5 |
| St. Louis County Sheriff | MN0690000 | 21,890.00 | 44 |
| Stearns County Sheriff | MN0730000 | 1,650.00 | 17 |
| Todd County Sheriff | MN0770000 | 10.00 | 16 |
| Upper Sioux Police Department | MNDI02300 | 0.00 | 0 |
| Wadena County Sheriff | MN0800000 | 4,714.00 | 24 |
| Wadena Police Department | MN0800100 | 30.00 | 5 |
| Waseca County Sheriff | MN0810000 | 506.55 | 4 |
| Washington County Sheriff | MN8200000 | 0.00 | 43 |
| Willmar Police Department | MN0340100 | 430.00 | 13 |
| Winona County Sheriff | MN0850000 | 225.00 | 7 |
| Woodbury Police Department | MN0821100 | 2,515.99 | 32 |
| Wright County Sheriff | MN0860000 | 9,260.00 | 19 |
| Yellow Medicine County Sheriff | MN0870000 | 800.00 | 7 |
| Totals | | 646,531.24 | 3076 |

Agency Data Submissions

The remaining portion of this report contains the reason codes law enforcement agencies provided for incidents where a UAV was used in circumstances where a search warrant is not required.

| Reason Code | Reason |
|-------------|---|
| 1 | During or in the aftermath of an emergency situation that involves the risk of death or bodily harm to a person. |
| 2 | Over a public event where there is a heightened risk to the safety of participants or bystanders. |
| 3 | To counter the risk of a terrorist attack by a specific individual or organization if the agency determines that credible intelligence indicates a risk. |
| 4 | To prevent the loss of life and property in natural or man-made disasters and to facilitate operational planning, rescue, and recovery operations in the aftermath of these disasters. |
| 5 | To conduct a threat assessment in anticipation of a specific event. |
| 6 | To collect information from a public area if there is reasonable suspicion of criminal activity. |
| 7 | To collect information for crash reconstruction purposes after a serious or deadly collision occurring on a public road. |
| 8 | Over a public area for officer training or public relations purposes. |
| 9 | For purposes unrelated to law enforcement at the request of a government entity provided that the government entity makes the request in writing to the law enforcement agency and specifies the reason for the request and proposed period of use. |

By-Agency UAV Use Reason

| Name of law enforcement agency | Reason code 1 | Reason code 2 | Reason code 3 | Reason code 4 | Reason code 5 | Reason code 6 | Reason code 7 | Reason code 8 | Reason code 9 |
|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Albert Lea Police Department | | | | | | | | 5 | |
| Anoka County Sheriff | 22 | | | | | 37 | 1 | | |
| Austin Police Department | 3 | | | | | | 2 | | 2 |
| Baxter Police Department | | | | | | | | | |
| Becker County Sheriff | 2 | | | | | 1 | | 2 | |
| Beltrami County Sheriff | 11 | | | | | | | | |
| Benton County Sheriff | 1 | | | | 1 | 1 | 2 | 3 | |
| Big Lake Police Department | 20 | | | | | 1 | | 15 | 3 |
| Big Stone County Sheriff | 1 | | | | | | 1 | 6 | |
| Bloomington Police Department | 11 | | | | | 5 | | 31 | |
| Blue Earth County Sheriff | 20 | | | | | 2 | 1 | 8 | |

| Name of law enforcement agency | Reason code 1 | Reason code 2 | Reason code 3 | Reason code 4 | Reason code 5 | Reason code 6 | Reason code 7 | Reason code 8 | Reason code 9 |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Brown County Sheriff | 1 | | | | | | | 3 | |
| Cannon River Drug and Violent Offender Task Force | 15 | | | | | | | 6 | |
| Carlton County Sheriff | 5 | | | | | 4 | | 3 | 15 |
| Cass County Sheriff | 4 | | | 1 | | | | 4 | |
| Champlin Police Department | 3 | 2 | | | 1 | 10 | | 19 | |
| Chanhasen Police Department | | 1 | | | | 1 | | | |
| Chippewa County Sheriff | | | | 3 | | | | 2 | |
| Chisago County Sheriff | 3 | | | 1 | | 5 | | 39 | 3 |
| Clay County Sheriff | 4 | | | | | | | | |
| Colombia Heights Police Department | 1 | | | | | 5 | | 5 | 3 |
| Coon Rapids Police Department | 33 | | | | 1 | 8 | | 28 | |
| Cottage Grove Police Department | 3 | 5 | | | | 8 | | 9 | |
| Crow Wing County Sheriff | 31 | 5 | | 1 | | | 3 | 1 | 3 |
| Crystal Police Department | 9 | | | | | 10 | 1 | 11 | |
| Dakota County Sheriff | 22 | 2 | | 1 | | 4 | 1 | 37 | 1 |
| Dodge County Sheriff | 11 | | | | | | | 18 | 4 |
| Douglas County Sheriff | 3 | | | 7 | | 6 | | 9 | 2 |
| Duluth Police Department | 3 | | | | | | | 1 | |
| Eagan Police Department | 55 | | | | | 35 | | 98 | 3 |
| Eden Prairie Police Department | 7 | | | | 2 | 6 | | 19 | 1 |
| Edina Police Department | 24 | | | | | 41 | | 71 | |
| Faribault County Sheriff | 6 | | | | | 1 | | | |
| Freeborn County Sheriff | 2 | | | | | | | | 1 |
| Fridley Police Department | 4 | 1 | | | | | | | |
| Golden Valley Police Department | 1 | | | | 3 | | | 30 | |
| Goodhue County Sheriff | 2 | | | | | 1 | | 3 | 3 |
| Grant County Sheriff | 2 | | | | | | | | 5 |
| Hennepin County Sheriff | 40 | | | | | | | 101 | |

| Name of law enforcement agency | Reason code 1 | Reason code 2 | Reason code 3 | Reason code 4 | Reason code 5 | Reason code 6 | Reason code 7 | Reason code 8 | Reason code 9 |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Hubbard County Sheriff | 2 | | | | | | | | |
| Isanti County Sheriff | 17 | | | 2 | 2 | | 1 | 3 | 1 |
| Itasca County Sheriff | 3 | | | | | | | | |
| Jackson County Sheriff | 2 | | | | | | | | |
| Kandiyohi County Sheriff | | | | | | 3 | 3 | 2 | |
| Lac Qui Parle County Sheriff | | | | | | | | | |
| Lake County Sheriff | 1 | 3 | | 1 | | 1 | | 4 | |
| Leech Lake Tribal Police Department | 2 | | | 1 | | | | 2 | 1 |
| Maplewood Public Safety | | | | | | | | | |
| Marshall Police Department | | | | | | | 1 | | |
| Mankato Department of Public Safety | | | | | | 1 | | | |
| McLeod County Sheriff | 7 | | | | | | | | |
| Mille Lacs County Sheriff | 19 | | | 2 | | | 2 | 13 | |
| Mille Lacs Tribal Police Department | 12 | | | | | 6 | 1 | | |
| Minneapolis Police Department | | | | | | | | 2 | |
| Minnesota Bureau of Criminal Apprehension | 5 | | | | 1 | 4 | | 36 | |
| Minnesota State Patrol | 1 | | | | | | 413 | 121 | |
| Morrison County Sheriff | 1 | | | | | 6 | 1 | 4 | |
| New Brighton Dept. of Public Safety | | | | | | | | | |
| Nicollet County Sheriff | 3 | | | 1 | | | | 2 | |
| Olmsted County Sheriff | 1 | | | | | | 4 | 1 | |
| Orono Police Department | 3 | | | | | | | 27 | |
| Ottertail County Sheriff | 1 | | | | | 2 | | 3 | 3 |
| Owatonna Police Department | | | | | | | | 17 | |
| Pennington County Sheriff | | | | | | | | | |
| Pine County Sheriff | 24 | | | 5 | | | 2 | 2 | |
| Pipestone County Sheriff | 1 | | | | | | 1 | 5 | 1 |
| Plymouth Police Department | 41 | 3 | | | 1 | 1 | 5 | 129 | |
| Polk County Sheriff | | | | 2 | | 1 | | 3 | |

| Name of law enforcement agency | Reason code 1 | Reason code 2 | Reason code 3 | Reason code 4 | Reason code 5 | Reason code 6 | Reason code 7 | Reason code 8 | Reason code 9 |
|----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Pope County Sheriff | | | | | | | | 15 | |
| Prior Lake Police Department | 1 | | | | | 2 | | | |
| Ramsey County Sheriff | 19 | 18 | | | | 37 | 4 | 89 | 1 |
| Red Lake County | 1 | | | | | | | 14 | |
| Redwood County Sheriff | 3 | | | | | 1 | | 7 | |
| Renville County Sheriff | 6 | | | | | | | 1 | |
| Rice County Sheriff | 13 | | | | | 1 | | 25 | |
| Rice Police Department | | | | 1 | | | | 4 | |
| Rochester Police Department | 3 | | | | 15 | 12 | 4 | 5 | |
| Roseville Police Department | 20 | | | | | 12 | 1 | 39 | |
| Saint Cloud Police Department | 19 | 4 | | 1 | | 19 | 6 | 73 | |
| Sauk Centre Police Department | 1 | | | | | 8 | | | |
| Sauk Rapids Police Department | 8 | | | 2 | | 2 | | 16 | |
| Scott County Sheriff | 1 | | | | | | | | |
| Sherburne County Sheriff | 7 | | | 1 | | 1 | | 20 | 1 |
| Sibley County Sheriff | 2 | | | | | | | | |
| St. Louis Park Police Department | 1 | 3 | | | | 1 | | | |
| St. Louis County Sheriff | 26 | | | 2 | 1 | 6 | 2 | 7 | |
| Stearns County Sheriff | 4 | | | | | | 3 | 7 | 3 |
| Todd County Sheriff | 5 | | | 2 | | 3 | 4 | 2 | |
| Upper Sioux Police Department | | | | | | | | | |
| Wadena County Sheriff | 9 | | | 7 | 1 | 1 | 1 | 4 | 1 |
| Wadena Police Department | 2 | | | | | | | 3 | |
| Waseca County Sheriff | 1 | | | 1 | | | | 1 | 1 |
| Washington County Sheriff | 10 | | | | | 10 | | 23 | |
| Willmar Police Department | 3 | | | | | | | 7 | 3 |
| Winona County Sheriff | 6 | | | | | 1 | | | |
| Woodbury Police Department | 7 | | | 1 | | 19 | | 5 | |
| Wright County Sheriff | | | | | | | 18 | 1 | |

| Name of law enforcement agency | Reason code 1 | Reason code 2 | Reason code 3 | Reason code 4 | Reason code 5 | Reason code 6 | Reason code 7 | Reason code 8 | Reason code 9 |
|---------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Yellow Medicine County Sheriff | 7 | | | | | | | | |
| Totals | 699 | 47 | 0 | 44 | 27 | 353 | 488 | 1328 | 64 |

Agency Data Submission Form

Below is the form used by agencies for UAV data submissions to the BCA.



Please fill out this form as completely as possible.

Agency Information

| | |
|--------------------------------|-------------------------------------|
| Name of Law Enforcement Agency | Originating Agency Identifier (ORI) |
| | |

UAV Program Data for Calendar Year

| | | |
|-----------------------------|---------------------------------------|---|
| Calendar Year of Submission | Cost of UAV Program for Calendar Year | Number of Times UAVs Deployed Without Warrant |
| | | |

Uses of UAVs Without Warrant

For each deployment of a UAV without a search warrant, provide the following on the second page of this form:

- date of the deployment
- statutory reason for the deployment

If you require space for additional entries, submit additional copies of this form.

The reasons for a UAV deployment without a search warrant allowed by statute are provided below:

| Reason Code | Reason |
|-------------|--|
| 1 | during or in the aftermath of an emergency situation that involves the risk of death or bodily harm to a person |
| 2 | over a public event where there is a heightened risk to the safety of participants or bystanders |
| 3 | to counter the risk of a terrorist attack by a specific individual or organization if the agency determines that credible intelligence indicates a risk |
| 4 | to prevent the loss of life and property in natural or man-made disasters and to facilitate operational planning, rescue, and recovery operations in the aftermath of these disasters |
| 5 | to conduct a threat assessment in anticipation of a specific event |
| 6 | to collect information from a public area if there is reasonable suspicion of criminal activity |
| 7 | to collect information for crash reconstruction purposes after a serious or deadly collision occurring on a public road |
| 8 | over a public area for officer training or public relations purposes |
| 9 | for purposes unrelated to law enforcement at the request of a government entity provided that the government entity makes the request in writing to the law enforcement agency and specifies the reason for the request and proposed period of use |

This form must be submitted to the BCA no later than January 15 of each calendar year.

To submit the form, click the button below or email the completed form to BCA.UAV.Submit@state.mn.us.

Submit completed form to BCA via email

MINIS-F-5039
v1.01 (011221)

| # | Deployment Date | Reason Code | # | Deployment Date | Reason Code | # | Deployment Date | Reason Code | # | Deployment Date | Reason Code |
|----|-----------------|-------------|----|-----------------|-------------|----|-----------------|-------------|-----|-----------------|-------------|
| 1 | | Sal | 26 | | Sal | 61 | | Sal | 76 | | Sal |
| 2 | | Sal | 27 | | Sal | 62 | | Sal | 77 | | Sal |
| 3 | | Sal | 28 | | Sal | 63 | | Sal | 78 | | Sal |
| 4 | | Sal | 29 | | Sal | 64 | | Sal | 79 | | Sal |
| 5 | | Sal | 30 | | Sal | 65 | | Sal | 80 | | Sal |
| 6 | | Sal | 31 | | Sal | 66 | | Sal | 81 | | Sal |
| 7 | | Sal | 32 | | Sal | 67 | | Sal | 82 | | Sal |
| 8 | | Sal | 33 | | Sal | 68 | | Sal | 83 | | Sal |
| 9 | | Sal | 34 | | Sal | 69 | | Sal | 84 | | Sal |
| 10 | | Sal | 35 | | Sal | 70 | | Sal | 85 | | Sal |
| 11 | | Sal | 36 | | Sal | 71 | | Sal | 86 | | Sal |
| 12 | | Sal | 37 | | Sal | 72 | | Sal | 87 | | Sal |
| 13 | | Sal | 38 | | Sal | 73 | | Sal | 88 | | Sal |
| 14 | | Sal | 39 | | Sal | 74 | | Sal | 89 | | Sal |
| 15 | | Sal | 40 | | Sal | 75 | | Sal | 90 | | Sal |
| 16 | | Sal | 41 | | Sal | | | | 91 | | Sal |
| 17 | | Sal | 42 | | Sal | | | | 92 | | Sal |
| 18 | | Sal | 43 | | Sal | | | | 93 | | Sal |
| 19 | | Sal | 44 | | Sal | | | | 94 | | Sal |
| 20 | | Sal | 45 | | Sal | | | | 95 | | Sal |
| 21 | | Sal | 46 | | Sal | | | | 96 | | Sal |
| 22 | | Sal | 47 | | Sal | | | | 97 | | Sal |
| 23 | | Sal | 48 | | Sal | | | | 98 | | Sal |
| 24 | | Sal | 49 | | Sal | | | | 99 | | Sal |
| 25 | | Sal | 50 | | Sal | | | | 100 | | Sal |

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