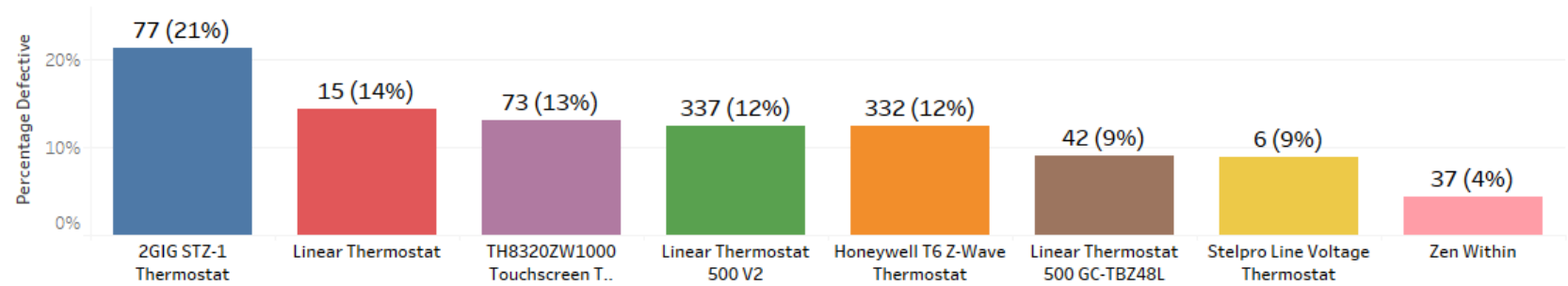# Engineering Dashboard

Tableau demo – Danny Moncada

Building Name
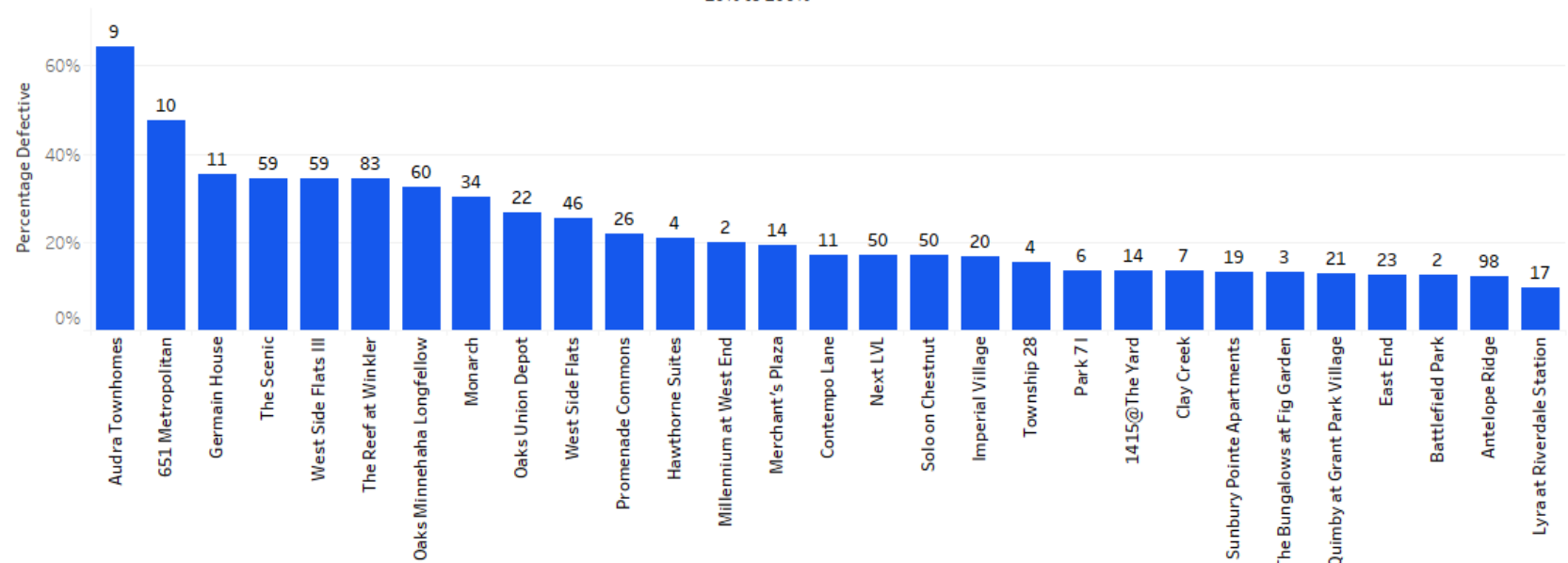All

Status
Multiple values

Physical Device Name
All

Count & Percentage of Defective Thermostats (by Device)

Device	Count (Percentage)
2GIG STZ-1 Thermostat	77 (21%)
Linear Thermostat	15 (14%)
TH8320ZW1000 Touchscreen T..	73 (13%)
Linear Thermostat 500 V2	337 (12%)
Honeywell T6 Z-Wave Thermostat	332 (12%)
Linear Thermostat 500 GC-TBZ48L	42 (9%)
Stelpro Line Voltage Thermostat	6 (9%)
Zen Within	37 (4%)

Percentage Defective
10% to 100%

Count & Percentage of Defective Thermostats (by Building)

Building	Count
Audra Townhomes	9
651 Metropolitan	10
Germain House	11
The Scenic	59
West Side Flats III	59
The Reef at Winkler	83
Oaks Minnehaha Longfellow	60
Monarch	34
Oaks Union Depot	22
West Side Flats	46
Promenade Commons	26
Hawthorne Suites	4
Millennium at West End	2
Merchant's Plaza	14
Contempo Lane	11
Next LVL	50
Solo on Chestnut	50
Imperial Village	20
Township 28	4
Park 7 I	6
1415@The Yard	14
Clay Creek	7
Sunbury Pointe Apartments	19
The Bungalows at Fig Garden	3
Quimby at Grant Park Village	21
East End	23
Battlefield Park	2
Antelope Ridge	98
Lyra at Riverdale Station	17

Count & Average Number of Thermostats Per Unit by IOTAS Building

Building Name	Avg. Count Distinct Physical Device ID (for average)	Count Distinct Physical Device ID
150 Berendo	2.00	2.00
651 Metropolitan	3.33	10.00
1415@The Yard	1.08	14.00
Acqua Apartments	1.00	5.00
ADT Support Content Demo	1.00	1.00
Albany Landings	1.00	3.00
Altair	1.00	8.00
Antelope Ridge	1.03	98.00
Ascent	1.00	2.00
Aspire At Discovery Park	1.00	36.00
Aspire Westminster	1.00	3.00
Battlefield Park	1.00	2.00
Bayou Gardens	1.00	4.00
Clay Creek	1.00	7.00
Contempo Lane	1.00	11.00
Cortland at P83	1.00	13.00
Coryell Courts	1.00	2.00

IOTAS

Building Name		Status			
All		Multiple values			
Physical Device Name					
All					

Never Reported	Reported but Stopped	Total
196	**755**	**951**

Building Name (Current Te...	Never Reported	Reported but Stopped	Total
Antelope Ridge	13	85	98
The Reef at Winkler	3	80	83
Oaks Minnehaha Longfellow	3	57	60
The Scenic	58	1	59
Solo on Chestnut	28	22	50

Device Name	Never Reported	Reported but Stopped	Total
Linear Thermostat 500 V2	31	306	337
Honeywell T6 Z-Wave Thermostat	44	288	332
2GIG STZ-1 Thermostat	70	7	77
TH8320ZW1000 Touchscreen Thermostat	20	53	73
Linear Thermostat 500 GC-TBZ48L	15	27	42

Day Device Stopped Working**

***(Record Count for Dates Where the Event Order is equal to 1)*

Start Date	End Date
1/9/2021	3/23/2022

IOTAS
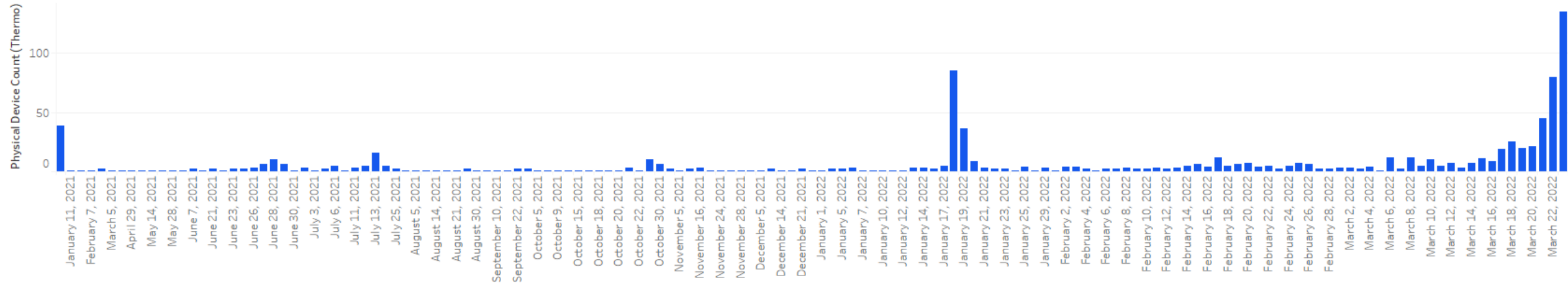
Building Name
All

Unit Name (Current Temperature Reading)
All

Event Order
All

Status
Multiple values

Device Name
All

Building Thermostat Totals

Building Name	No Measure Value
2B Living	4
15 Craigside	2
150 Berendo	24
585 Delaware Street	12
651 Metropolitan	31
1415@The Yard	111
3737 Chestnut	19
Acqua Apartments	81

Device Thermostat Totals

Physical Device Name	No Measure Value
Linear Thermostat 500 V2	2,697
Honeywell T6 Z-Wave Thermostat	2,664
Zen Within	837
TH8320ZW1000 Touchscreen Thermostat	555
Linear Thermostat 500 GC-TBZ48L	468
2GIG STZ-1 Thermostat	360
Linear Thermostat	104
Stelpro Line Voltage Thermostat	67

All Thermostats Showing Issues (raw data)

Building Name (Current Temperature Reading)	Building Id	Unit Name (Current Temperature Readi..	Unit Id	Device Name	Physical Device Id (Current Temperatur..	Physical Feature Id	Day of Last Alive (Current Temperatur..	Hub Status	Current Value	Feature Value	Day of Last Event With Value	Event Order_
West Side Flats	125	116	6163	Linear Thermostat 500 V2	91170	200610	March 25, 2022	Online	76	Null	Null	1
West Side Flats	125	340	6127	Linear Thermostat 500 V2	89644	197688	March 25, 2022	Online	73	Null	Null	1
West Side Flats	125	322	6118	Linear Thermostat 500 V2	89517	197449	March 25, 2022	Online	74	68	January 11, 2021	2
West Side Flats	125	103	6216	Linear Thermostat 500 V2	90901	200103	March 25, 2022	Online	73	74	February 7, 2021	2
West Side Flats	125	103	6216	Linear Thermostat 500 V2	90901	200103	March 25, 2022	Online	73	73	February 7, 2021	1
West Side Flats	125	332	6123	Linear Thermostat 500 V2	89613	197623	March 25, 2022	Online	74	72	May 15, 2021	2

IOTAS

Building Name	Status	Device Id
All	Multiple values	All
Unit Name (Devices Summary)	**Battery Value**	**Device Name**
All		All

Battery Values

Building Na..	Device Name (..	Unit Name (..	Device Id	Feature Id	No Measure Value
15 Craigside	Jasco Door Sensor 700 - 52249	901	209140	1455805	100.0
15 Craigside	Strips Leak and Comfort Sensor	1212	Null	441402	100.0
150 Berendo	Aeotec Multisensor ZW100-CR123A	101	75462	130487	100.0
150 Berendo	Aeotec Multisensor ZW100-CR123A	102	75524	130093	100.0
150 Berendo	Aeotec Multisensor ZW100-CR123A	103	75575	130115	100.0
150 Berendo	Aeotec Multisensor ZW100-CR123A	104	75629	130133	100.0
150 Berendo	Aeotec Multisensor ZW100-CR123A	105	75670	130151	100.0
150 Berendo	Aeotec Multisensor ZW100-CR123A	201	75482	130160	100.0
150 Berendo	Aeotec Multisensor ZW100-CR123A	202	75531	130182	100.0
150 Berendo	Aeotec Multisensor ZW100-CR123A	203	75595	130188	100.0
150 Berendo	Aeotec Multisensor	204	75638	130200	100.0

Reporting Low Battery Value

Device Count: 3,324

Reporting Low Battery Value

Building Name (Devices ..	Device Name (Devi..	Unit Name (Devices Su..	Device Id	Feature Id	Hub Online	No Measure Value
150 Berendo	Honeywell T6 Z-Wave Thermostat	101	75458	199415	True	0.00
150 Berendo	Honeywell T6 Z-Wave Thermostat	104	75635	203449	True	0.00
150 Berendo	Honeywell T6 Z-Wave Thermostat	202	75539	197781	False	0.00

IOTAS

Resident Activity (Last 30 Days), Building, Unit & Hub Status

Index	Building Name (Units Residents Summary)	Unit Name (Units Residents S..	Occupancy	Hub Status (Units Residents Summary)	Hub Id	Serial Number	Iotas Engine Version	Ota Version	First Name (Units Residents Summary)	Last Name (Units Residents Summary)	Email (Units Residents Summary)	Account C
1	1030 Kings	101	Occupied	Online	2005	d548e681-33e7-4d54-83c1-476bc516140c	3.20.1-30	3.0.4	Tonya	Kong	tkong8@gmail.com	Jun 29, 20
2	1030 Kings	102	Occupied	Online	1988	9b3a967d-534a-4259-bc60-3f707d9e5ce6	3.20.1-30	3.0.4	Dennice	Oceguera	denniceoceguera@yahoo.com	May 10, 2
3	1030 Kings	102	Occupied	Online	1988	9b3a967d-534a-4259-bc60-3f707d9e5ce6	3.20.1-30	3.0.4	Marco	Oceguera	oceguera_marco@yahoo.com	May 10, 2
4	1030 Kings	103	Occupied	Offline	1987	110a5c23-7c73-4469-a447-b2695c19466b	2.3	2.1.0	Melody	Liu	melodykliu@gmail.com	Sep 04, 20
5	1030 Kings	104	Occupied	Online	2157	ec5bf35f-b2b9-4507-9901-ff1ef5d7c383	3.20.1-30	3.0.4	Max	Schrage	maxhschrage@gmail.com	Jul 30, 20.
6	1030 Kings	105	Vacant	Offline	2302	3c1df79f-c518-411a-b362-e9aeddf7f0d9	2.3	2.1.0	Null	Null	Null	Null
7	1030 Kings	106	Occupied	Online	1991	98340201-1103-4470-8900-dead0cbca984	3.20.1-30	3.0.4	Erika	Dev	erikadev1994@gmail.com	Nov 05, 20
8	1030 Kings	106	Occupied	Online	1991	98340201-1103-4470-8900-dead0cbca984	3.20.1-30	3.0.4	Irma	Dev	irmadev@yahoo.com	Nov 05, 20
9	1030 Kings	106	Occupied	Online	1991	98340201-1103-4470-8900-dead0cbca984	3.20.1-30	3.0.4	Vishva	Dev	doc1dev@yahoo.com	Nov 05, 20
10	1030 Kings	107	Occupied	Offline	1977	356577a1-c0c1-4a7e-ad4c-77057e9e203a	3.14.0	2.3.0	Grace	Zaninovich	gzaninov@asu.edu	Oct 29, 20
11	1030 Kings	108	Vacant	Offline	1964	5e81ecb2-d520-45bd-b202-abbd78cc4ea1	2.3	2.1.0	Null	Null	Null	Null
12	1030 Kings	201	Occupied	Online	2152	2f9e61e5-2e69-4de7-b827-25387f46cbfd	3.20.1-30	3.0.4	Matt	Burnaford	burnaford@gmail.com	Oct 28, 20
13	1030 Kings	201	Occupied	Online	2152	2f9e61e5-2e69-4de7-b827-25387f46cbfd	3.20.1-30	3.0.4	Robyn	Burnaford	robyn.burnaford@gmail.com	Oct 28, 20
14	1030 Kings	202	Occupied	Offline	1980	510e535d-e2d1-49a3-9de8-242de4a8fa10	3.20.0-29	3.0.4	Jen	Bennet	jeneticsss@gmail.com	Mar 19, 20

Unregistered Users

Index	Building Name (Resident Manager Email List)	Unit Name (Resident Manager Email ..	First Name	Last Name	Email	Account Creation	Account Registered	Registration Status
1	1030 Kings	103	Melody	Liu	demo@kingsroad.com	Sep 04, 2019	Null	Not Registered
2	1030 Kings	106	Erika	Dev	demo@kingsroad.com	Nov 05, 2019	Null	Not Registered
3	1030 Kings	106	Irma	Dev	demo@kingsroad.com	Nov 05, 2019	Null	Not Registered
4	1030 Kings	106	Vishva	Dev	demo@kingsroad.com	Nov 05, 2019	Null	Not Registered
5	1030 Kings	107	Grace	Zaninovich	demo@kingsroad.com	Oct 29, 2021	Null	Not Registered

Active Users with Offline Hubs

Index	Building Name (Units Residents Summary)	Unit Name (Units Residents Summary)	First Name (Units Residents Summary)	Last Name (Units Residents Summary)	Email (Units Residents Summary)	Account Created	Account Registered (Hubs)
1	1030 Kings	304	Carli	Miller	carlimiller8@gmail.com	Oct 17, 2019	Oct 17, 2019
2	1415@The Yard	226	Cierra	Burt	cierrab15@hotmail.com	Jan 26, 2021	Feb 23, 2021
3	1415@The Yard	319	Alexander	Finken	alexfinken123@gmail.com	Jun 16, 2021	Jun 17, 2021
4	1415@The Yard	326	Diane	Suhr	dianesuhr@gmail.com	Feb 27, 2021	Feb 28, 2021
5	1415@The Yard	426	Null	Null	tre.brashear@lozier.biz	Aug 14, 2018	Aug 14, 2018
6	1415@The Yard	501	David	Huggett	dhuggett1001@gmail.com	Mar 08, 2021	Mar 08, 2021

IOTAS
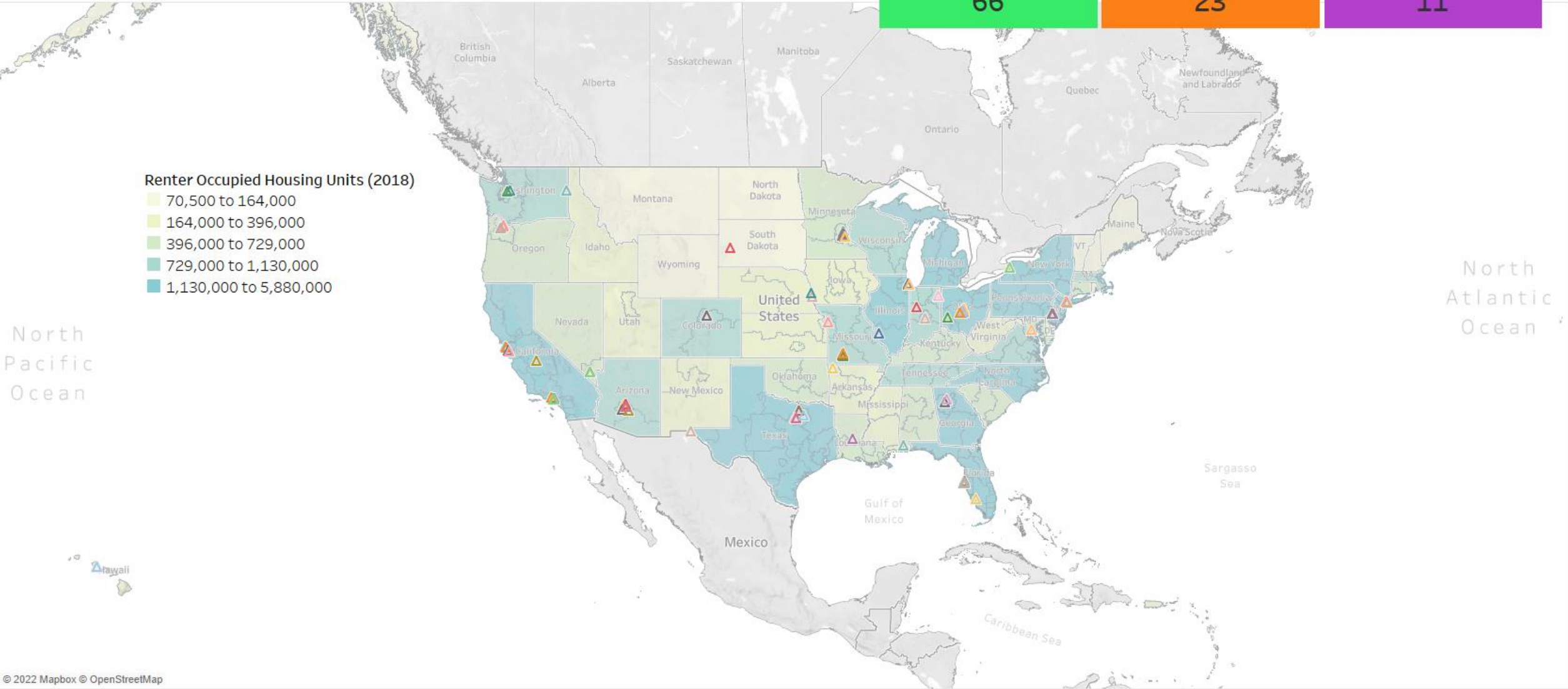
Building Name
All

App Usage Start Date
2/1/2021

App Usage End Date
3/24/2022

Monthly Active Users is calculated using a *distinct* count of users that interacted with the app at any point during the 30-day period.

Daily Active Users is calculated using a *distinct* count of users that interacted with the app at any point during the previous day.

This data comes directly from the API logs, and is aggregated on a daily basis.

All IOTAS Apps
Monthly & Daily Active Users (Residents)
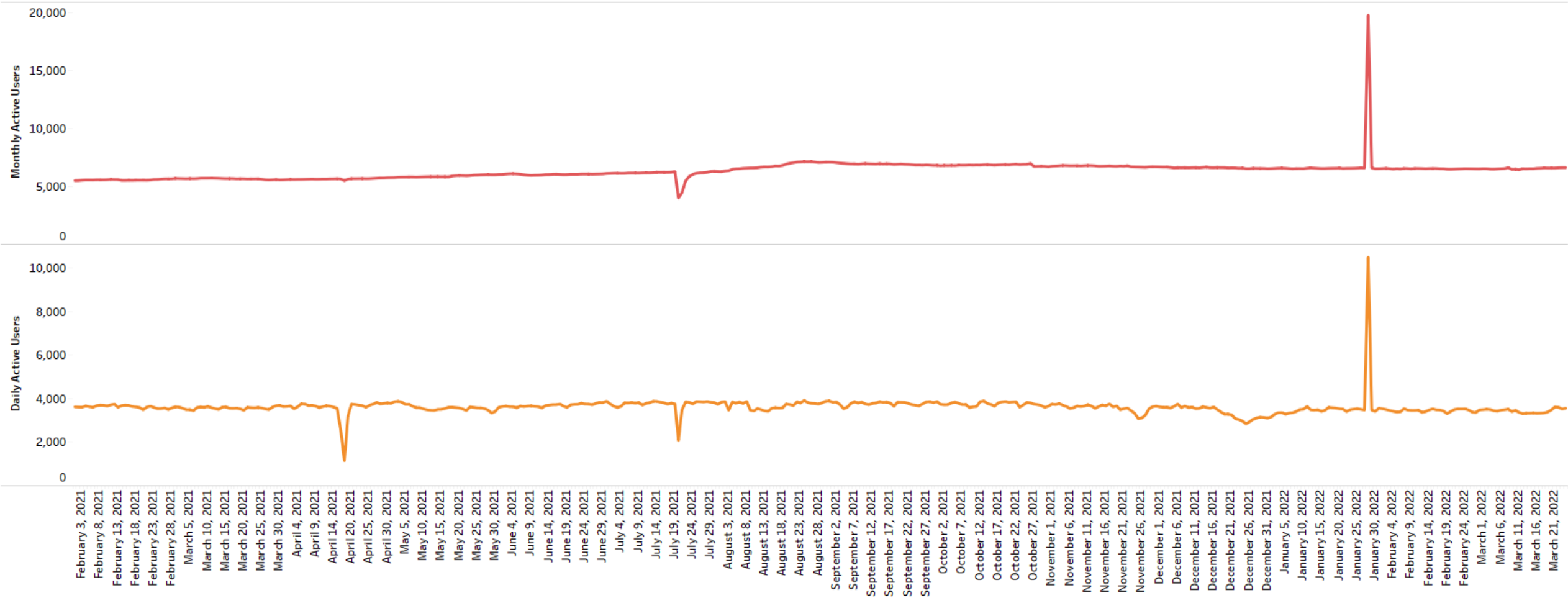
IOTAS

Building Name
All

App Usage Start Date
2/1/2021

App Usage End Date
3/24/2022

Android
iOS

IOTAS Resident App
Monthly & Daily Active Users (Residents)

Alexa & Google Voice
Monthly & Daily Active Users (Residents)

Building Name
All
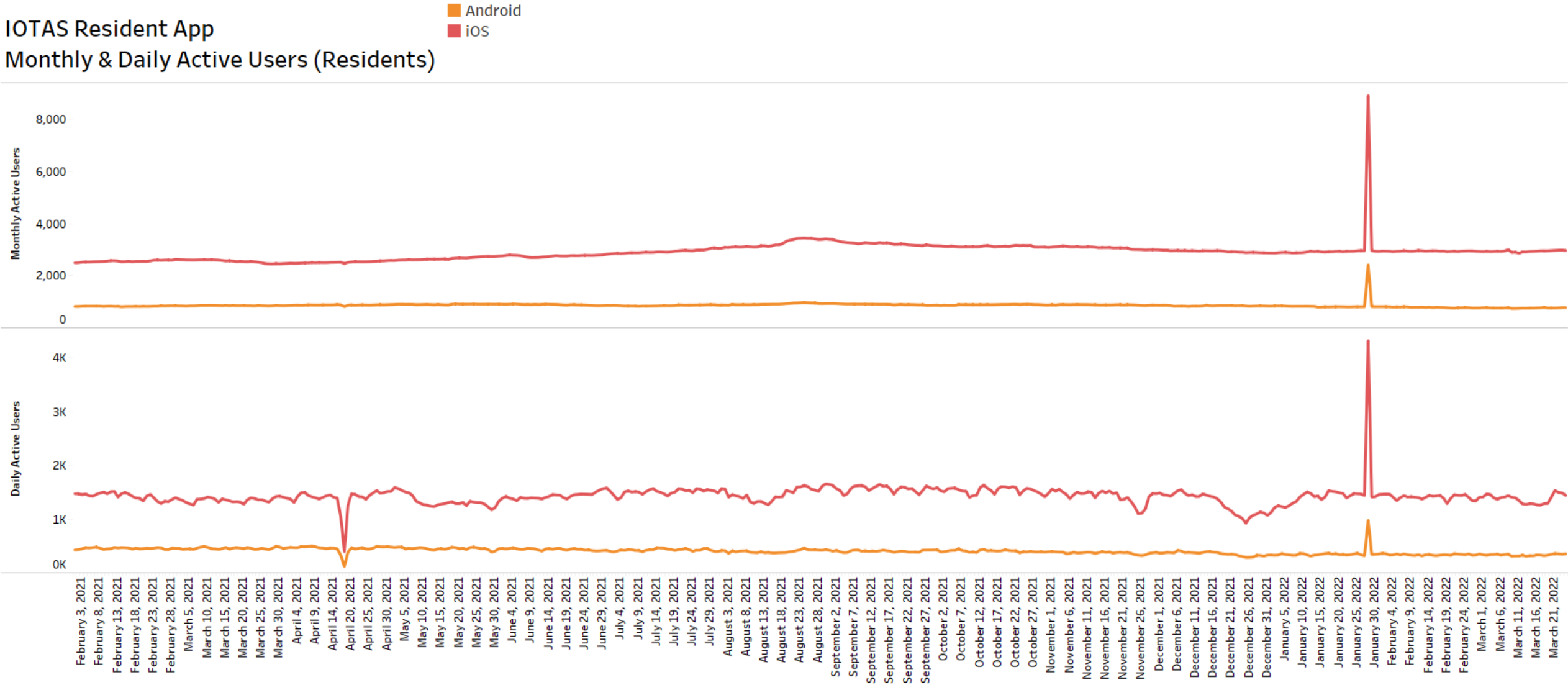
App Usage Start Date
2/1/2021

App Usage End Date
3/24/2022

Legend:
- Alexa
- Alexa/Google
- GoogleHome
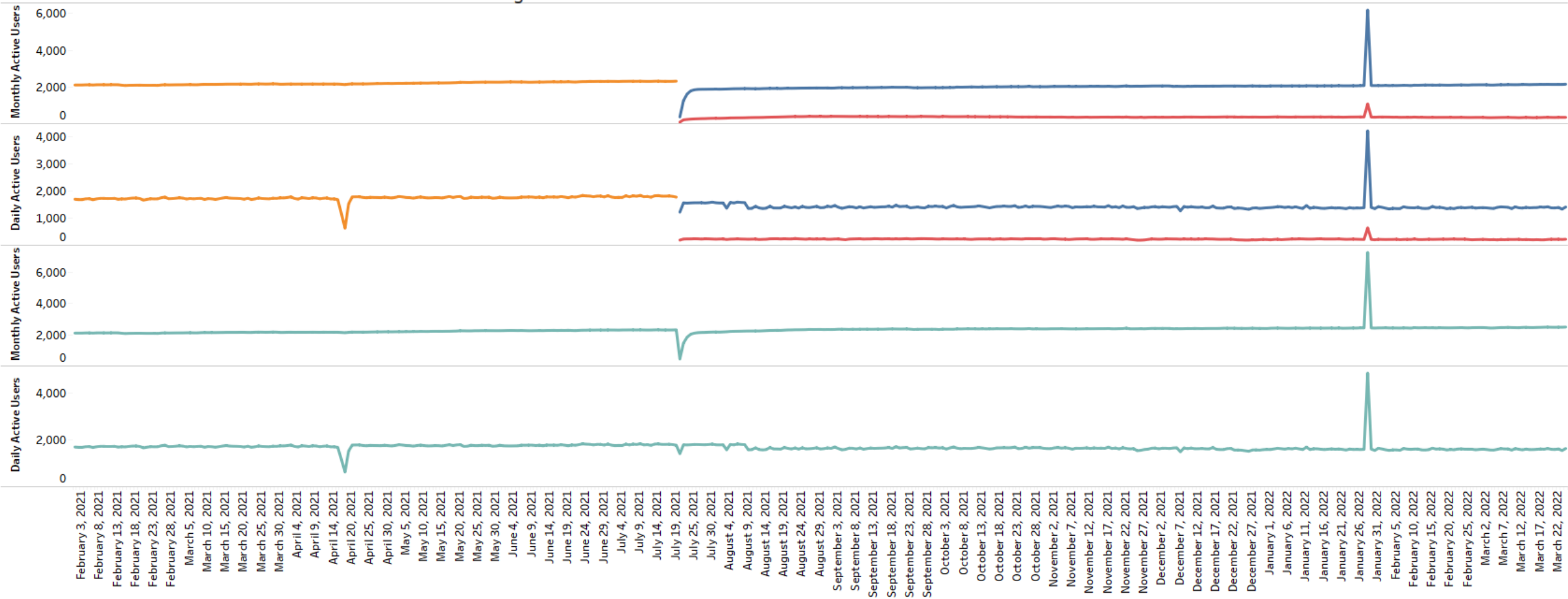
Building Name
All

App Usage Start Date
2/1/2021

App Usage End Date
3/24/2022

Cox Resident App
Monthly & Daily Active Users (Residents)

■ Android
■ iOS

Westbank Resident App
Monthly & Daily Active Users (Residents)

IOTAS
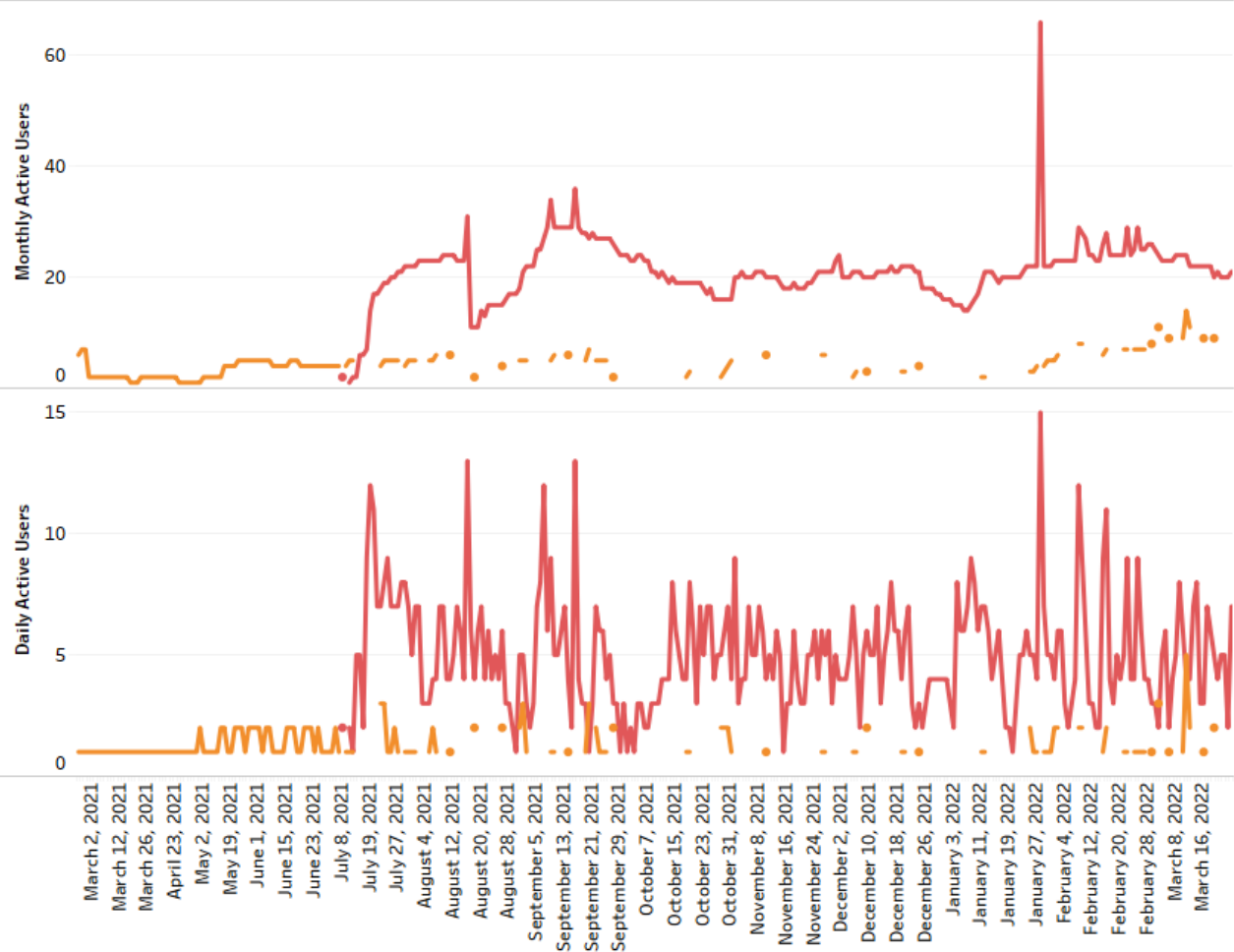
Building Name
All

App Usage Start Date
2/1/2021

App Usage End Date
3/24/2022

BuildingLink Resident App
Monthly & Daily Active Users (Residents)

Android
iOS

IOTAS
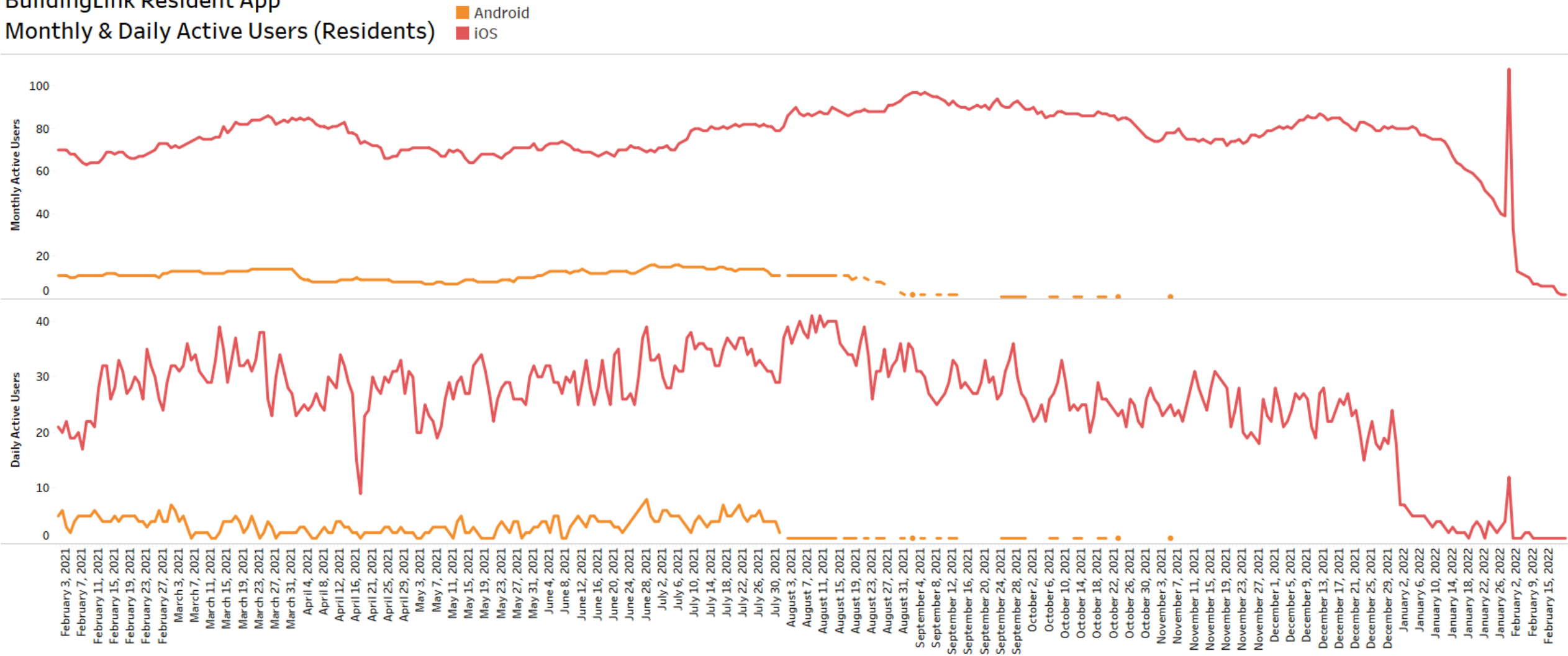
Building Name
All

No. of **Residents** is calculated using a *distinct* count of users that lived in a unit with an active routine running at any point during the previous 30-day period.

No. of **Units** is calculated using a *distinct* count of units with an active routine running at any point during the previous 30-day period.

This data comes from the Routine & Unit-Routine tables, aggregated on a daily basis by filtering on Routines that are currently "Active" (active = 'True').

IOTAS Residents & Units with Active Routines
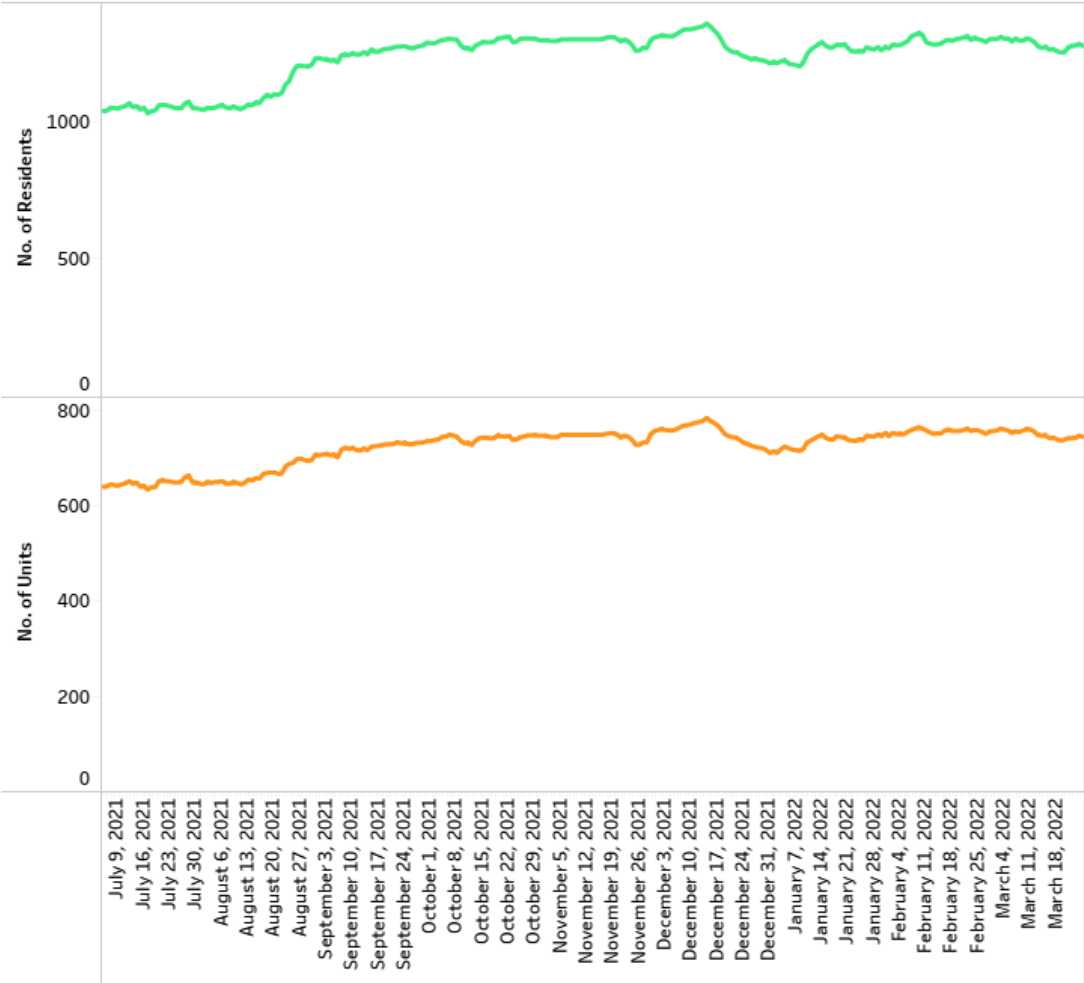
IOTAS Residents & Units with Active Routines by Property (last 30 days)

IOTAS
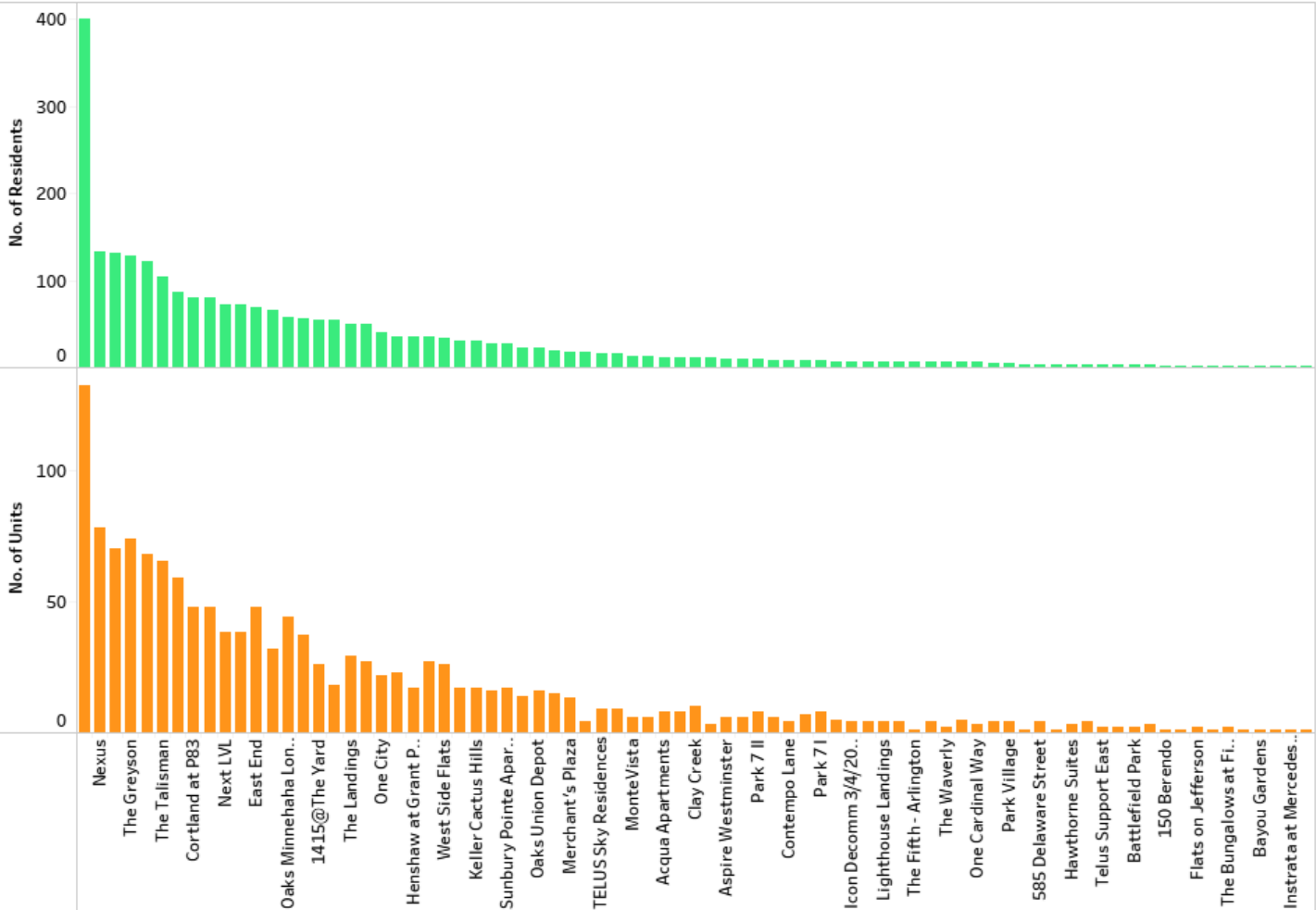
Count & Percentage of Defective Thermostats (by Device)
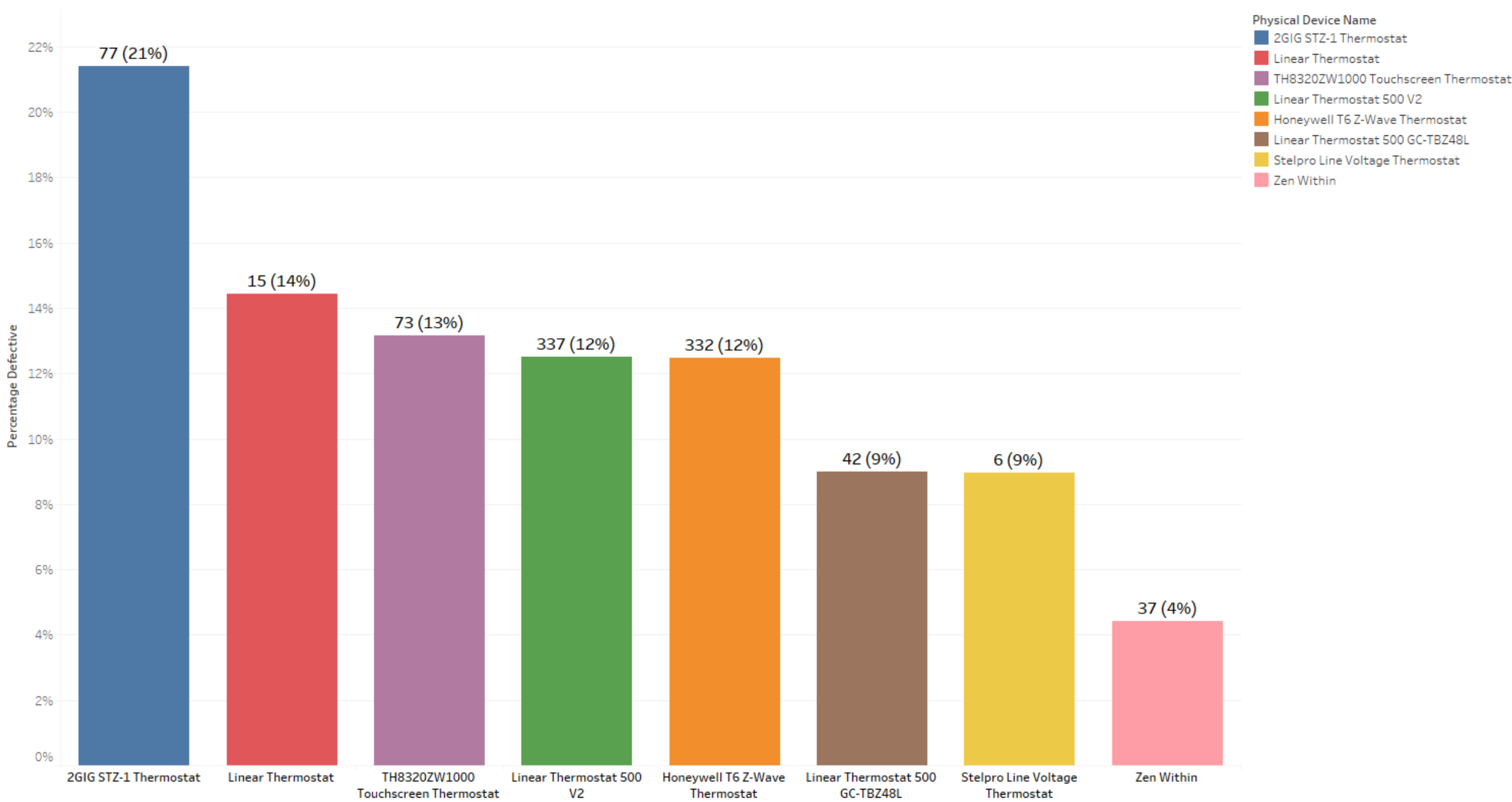
Percentage Defective for each Physical Device Name. Color shows details about Physical Device Name. The marks are labeled by Percentage Defective and Count of Defective Thermostats. The data is filtered on Building Name, Status and Hub Status. The Building Name filter keeps 182 of 182 members. The Status filter keeps IN_PROGRESS, LIVE and NOT_STARTED. The Hub Status filter keeps Null and Online. The view is filtered on Physical Device Name, which keeps 8 of 8 members.

Count & Percentage of Defective Thermostats (by Building)
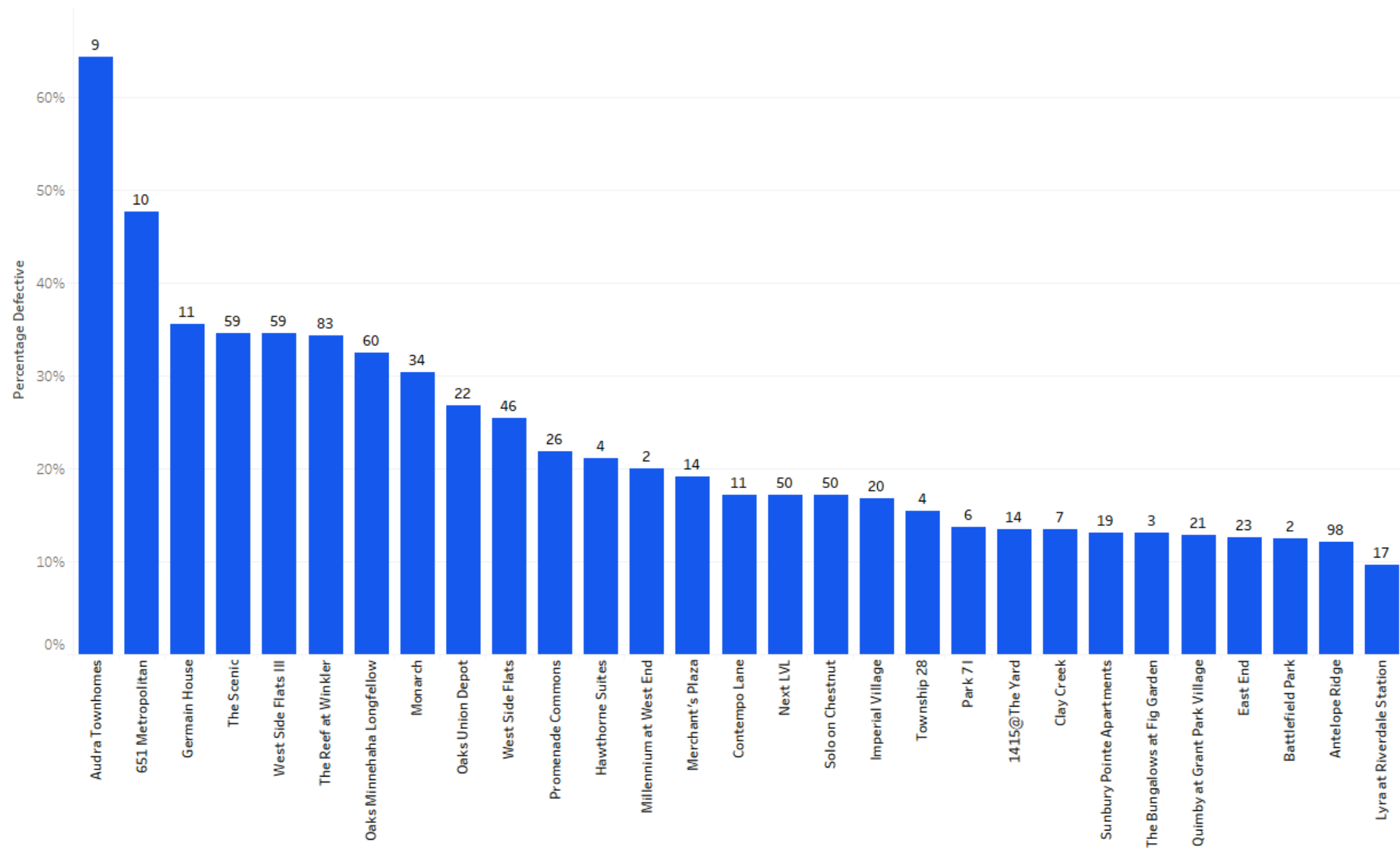
Percentage Defective for each Building Name. The marks are labeled by Percentage Defective and Count of Defective Thermostats. The data is filtered on Status, Physical Device Name and Hub Status. The Status filter keeps IN_PROGRESS, LIVE and NOT_STARTED. The Physical Device Name filter keeps 8 of 8 members. The Hub Status filter keeps Null and Online. The view is filtered on Building Name and Percentage Defective. The Building Name filter keeps 182 of 182 members. The Percentage Defective filter ranges from 10% to 100%.

Day Device Stopped Working**
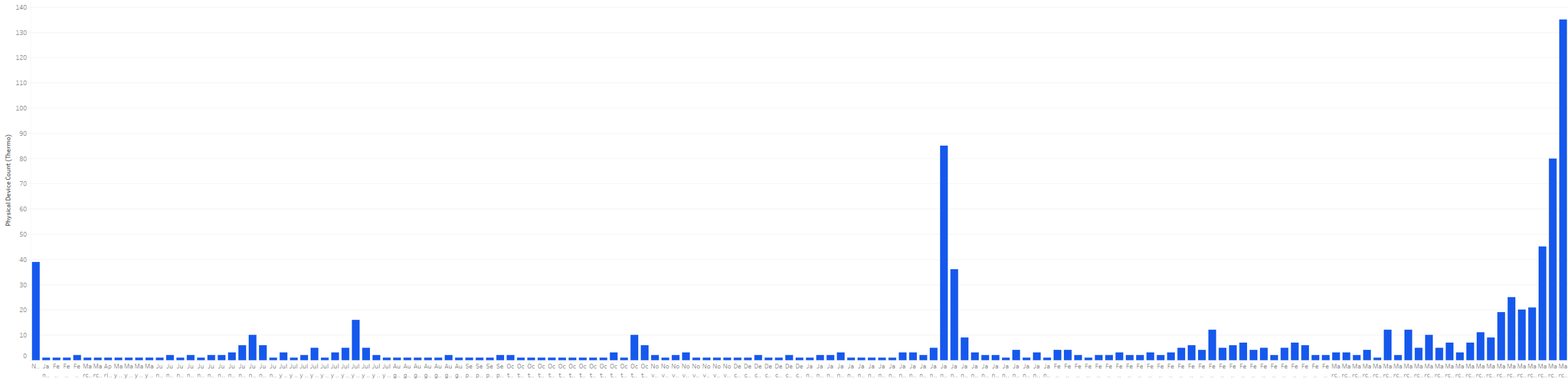
Physical Device Count (Thermo) for each Last Event With Value Day. The data is filtered on Building Name, Status, Physical Device Name, Date of Event Parameter, Event Order (Thermo) Filter and Hub Status. The Building Name filter keeps 182 of 182 members. The Status filter keeps IN_PROGRESS, LIVE and NOT_STARTED. The Physical Device Name filter keeps 8 of 8 members. The Date of Event Parameter filter keeps Null and True. The Event Order (Thermo) Filter filter keeps True. The Hub Status filter keeps Null and Online.

Alexa & Google Voice
Monthly & Daily Active Users (Residents)

Lambda

Iotasclient
- Alexa
- Alexa/Google
- GoogleHome
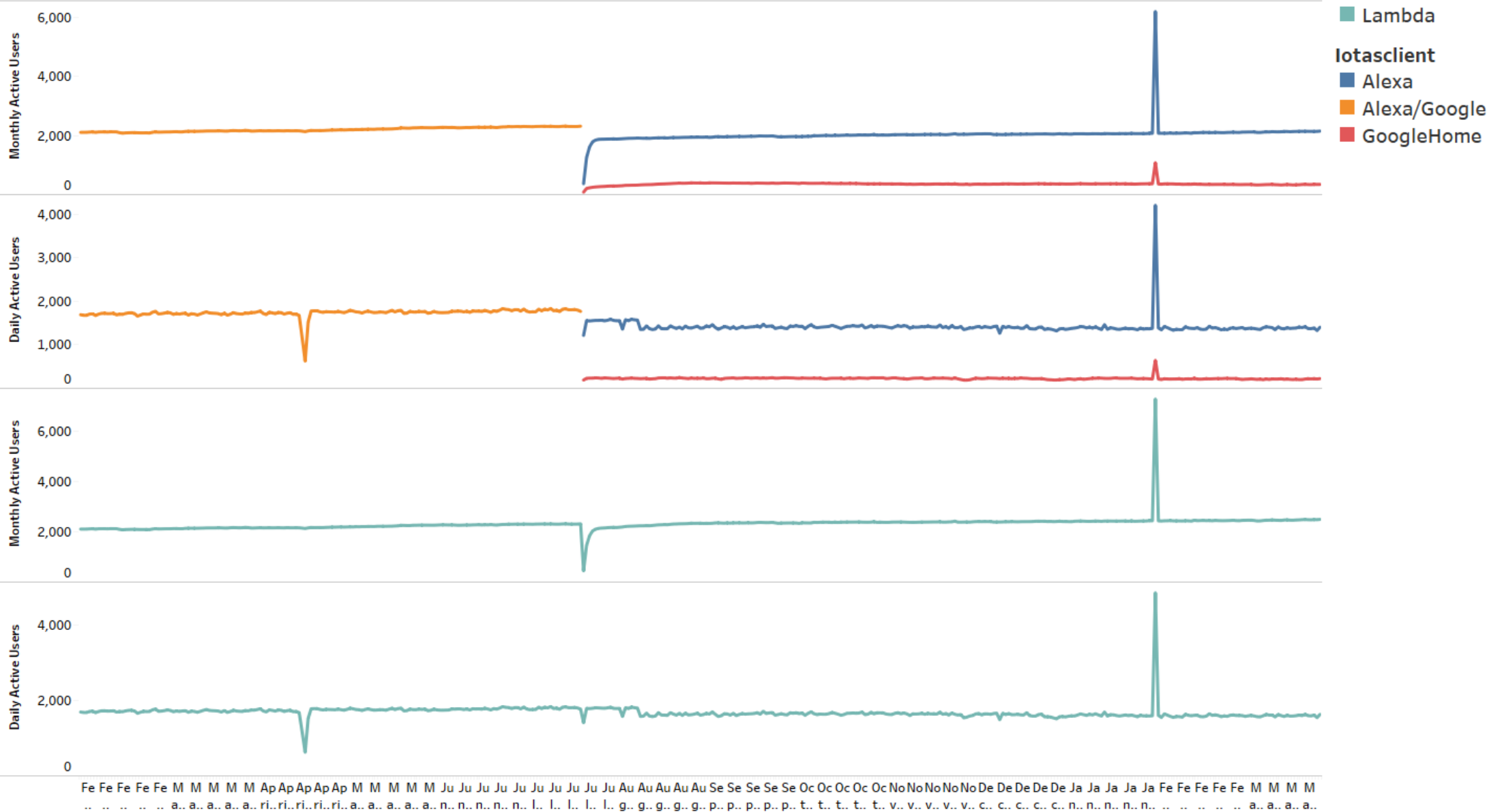
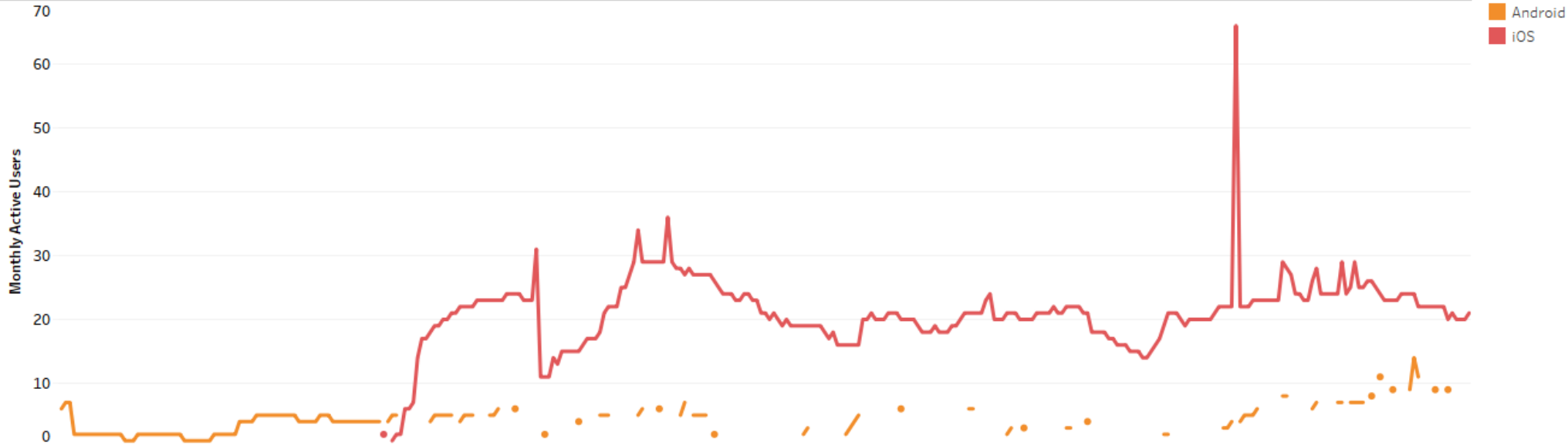The trends of sum of Monthly Active Users, sum of Daily Active Users, sum of Monthly Active Users and sum of Daily Active Users for Date (Resident App Dau Mau Prod) Day. For pane Sum of Daily Active Users: Color shows details about Iotasclient. For pane Sum of Monthly Active Users: Color shows details about Iotasclient. For pane Sum of Daily Active Users (2): Color shows details about Iotasclientplatform. For pane Sum of Monthly Active Users (2): Color shows details about Iotasclientplatform. The data is filtered on Building Name and App Usage Date Filter. The Building Name filter keeps 183 of 183 members. The App Usage Date Filter filter keeps True. The view is filtered on Iotasclient, which keeps Alexa, Alexa/Google and GoogleHome.
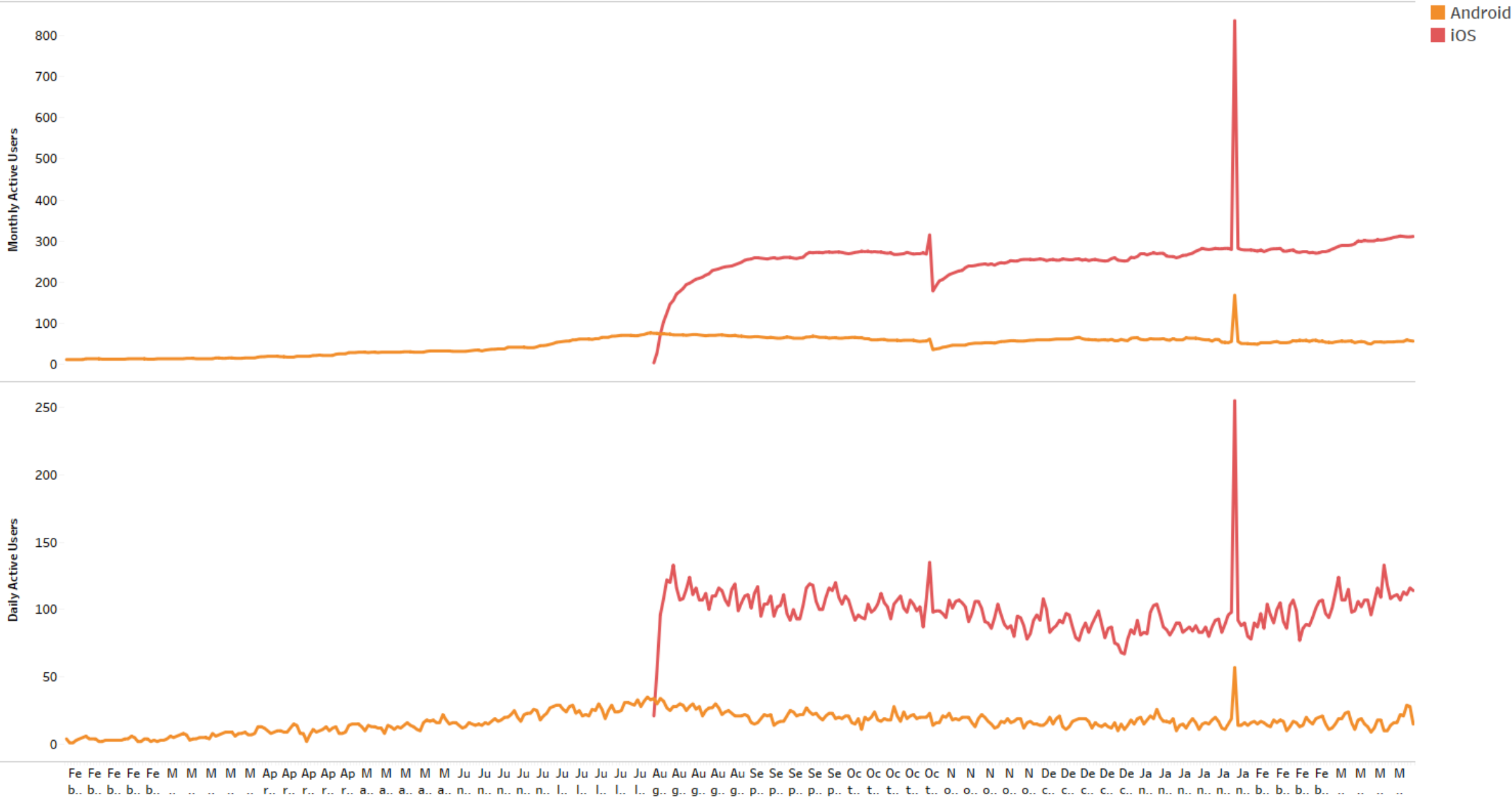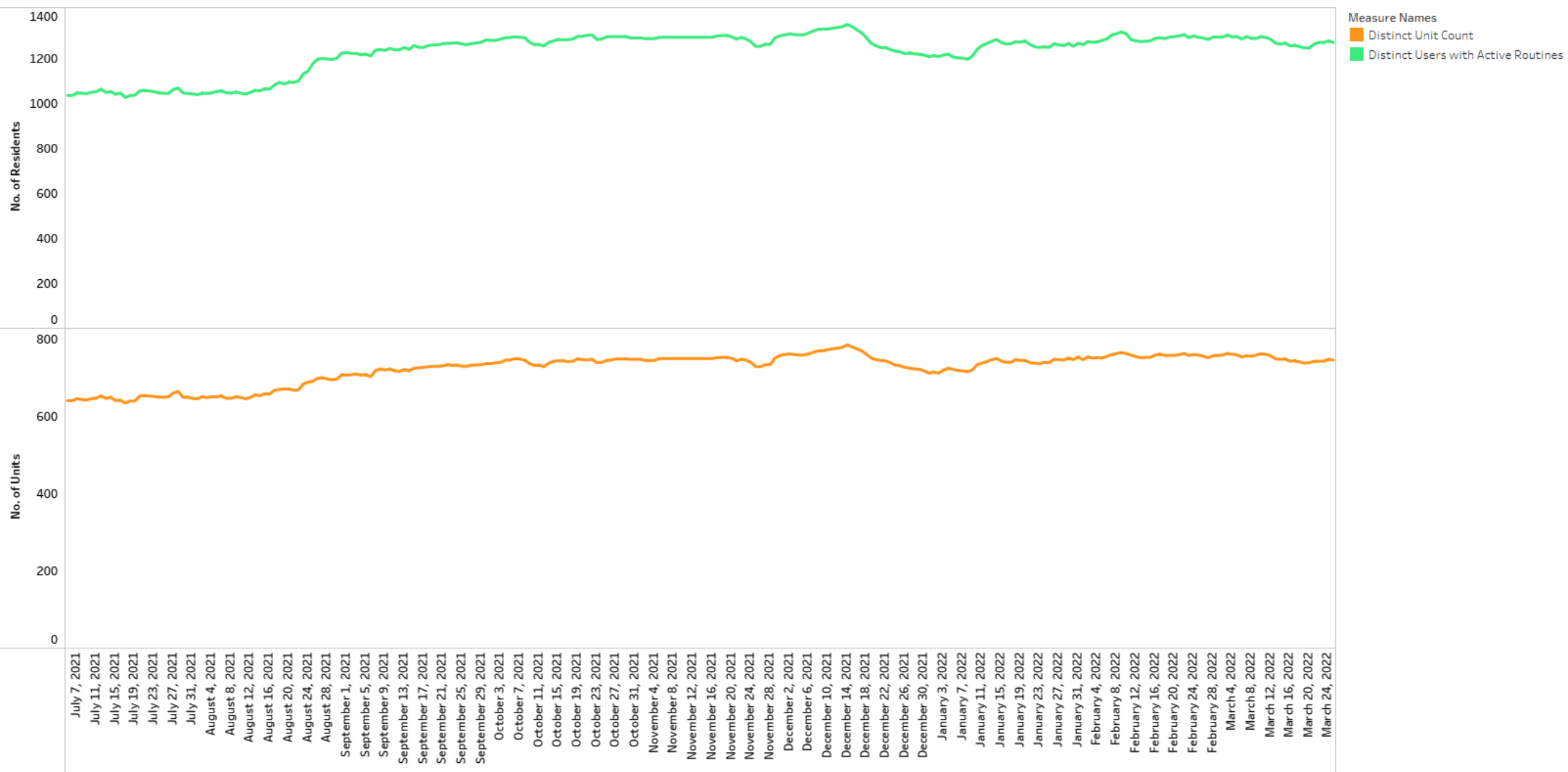
BuildingLink Resident App
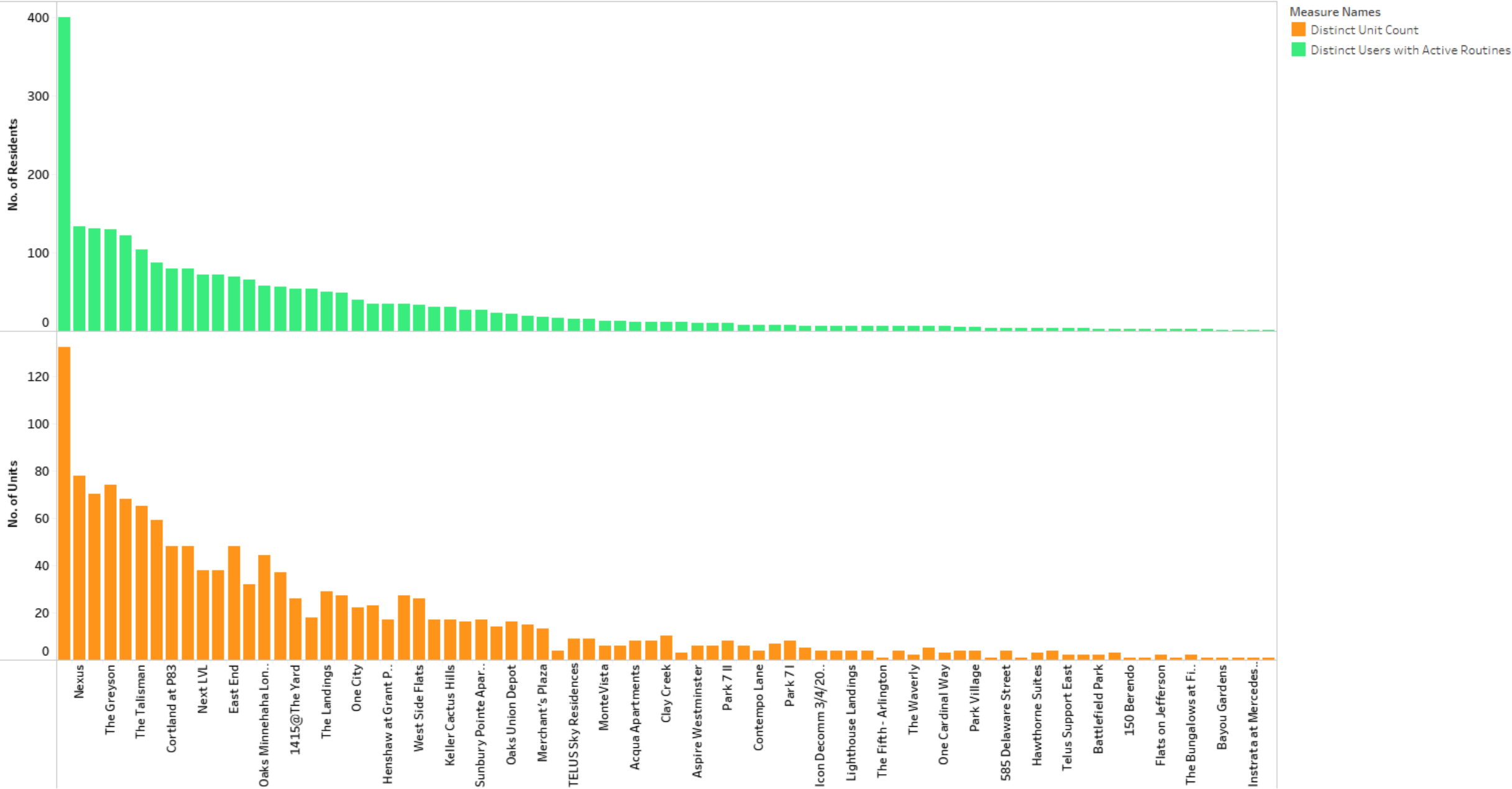## Monthly & Daily Active Users (Residents)
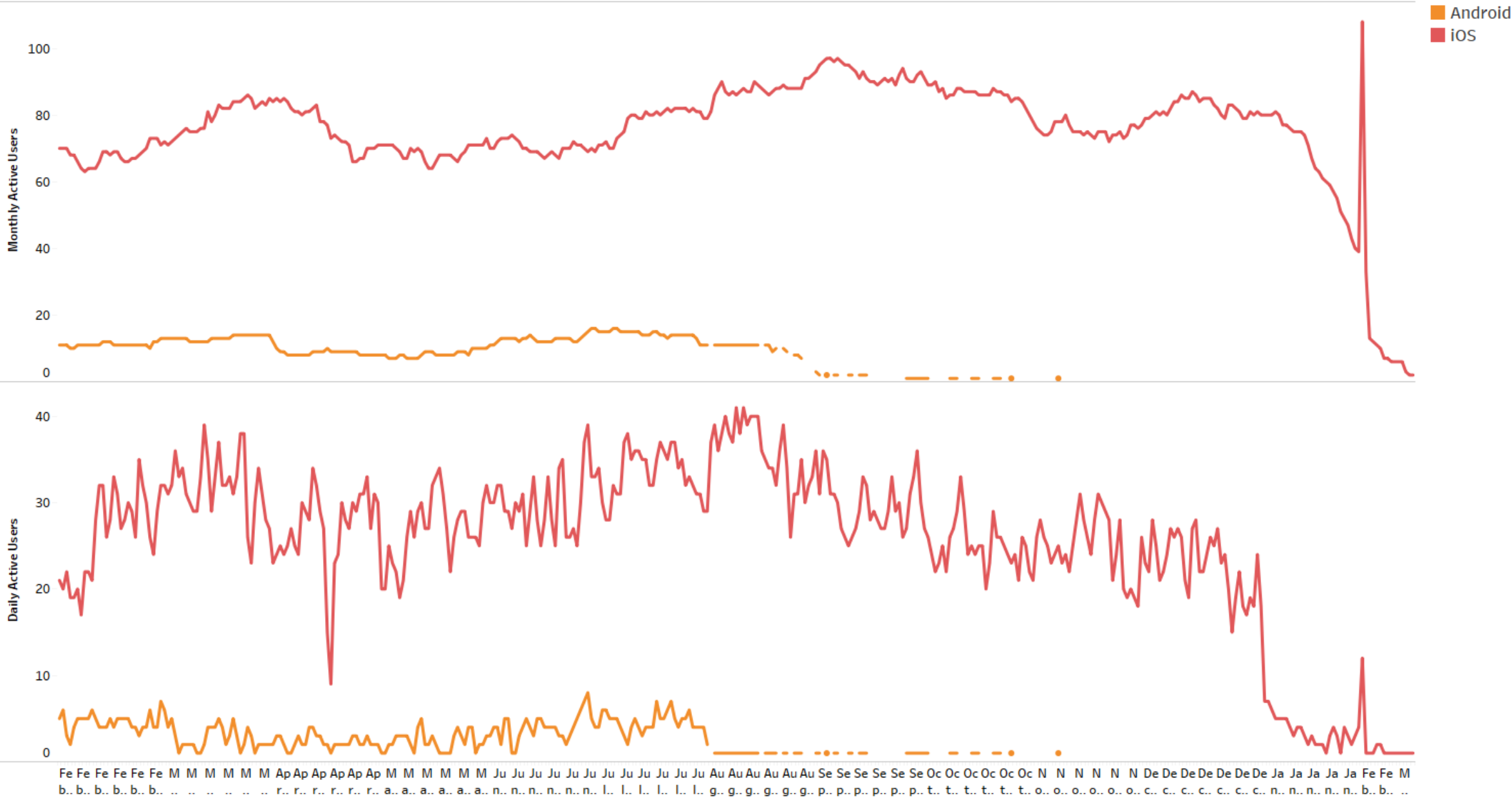
The trends of sum of Monthly Active Users and sum of Daily Active Users for Date (Resident App Dau Mau Prod) Day. Color shows details about lotasclientplatform. The data is filtered on Building Name, lotasclient and App Usage Date Filter. The Building Name filter keeps 183 of 183 members. The lotasclient filter keeps mobileSdk-BuildingLink. The App Usage Date Filter filter keeps True.

IOTAS Resident App
Monthly & Daily Active Users (Residents)

The trends of sum of Monthly Active Users and sum of Daily Active Users for Date (Resident App Dau Mau Prod) Day. Color shows details about Iotasclientplatform. The data is filtered on Building Name, Iotasclient and App Usage Date Filter. The Building Name filter keeps 183 of 183 members. The Iotasclient filter keeps mobileSdk-IotasResident. The App Usage Date Filter filter keeps True. The view is filtered on Iotasclientplatform, which keeps Android, Lambda and iOS.

Westbank Resident App
Monthly & Daily Active Users (Residents)

Legend:
- Android
- iOS

Cox Resident App
Monthly & Daily Active Users (Residents)

Legend: ■ Android ■ iOS

IOTAS Residents & Units with Active Routines

The trends of Distinct Users with Active Routines and Distinct Unit Count for Active Routine Capture Date Day. Color shows details about Distinct Users with Active Routines and Distinct Unit Count. The data is filtered on Building Name, which keeps 183 of 183 members.

IOTAS Residents & Units with Active Routines by Property (last 30 days)