



## Pharmacy Feasibility Study

Alaska Psychiatric Institute and Alaska Pioneer Homes Pharmacy

Dates: March - August 2023



NASH HEALTHCARE  
CONSULTING

## Executive Summary

### **Study Background**

The **Alaska Pioneer Homes (AKPH)** are licensed assisted living homes that are owned and operated by the State of Alaska. AKPH is licensed to serve 501 elders in the following six (6) locations: 1) Fairbanks, 2) Palmer, 3) Anchorage, 4) Ketchikan, 5) Juneau, and 6) Sitka. Anchorage Pioneer Home (APH) houses a pharmacy which services the above locations and the Division of Juvenile Justice (DJJ).

**Alaska Psychiatric Institute (API)** is the sole publicly funded state psychiatric hospital in the State of Alaska. API has 80 licensed beds composed of 5 inpatient units. Services delivered include forensic competency restoration, acute inpatient psychiatric care for adolescents, adults, and some long-term adult care with complex discharge challenges. Anchorage Pioneer Home (APH) and Alaska Psychiatric Institute (API) each operate a state-run pharmacy. The main differences are:

AKPH:

- Retail Pharmacy
- Long-term care (Residents)
- Monthly med fills
- Services provided:
- Medication dispensing
- Insurance billing
- Fulfilling prescription orders for another State Agency
- Servicing remote locations

API:

- Hospital Pharmacy
- Acute care (Patients)
- Daily med changes with twice weekly cart exchange
- Joint Commission Accredited deemed status
- Services provided:
- Medication dispensing
- Medication Management and hospital related oversight

The objective of this assessment is to evaluate:

1. AKPH and API pharmacies will be consolidated with the benefits:

- One central pharmacy based at the Anchorage Pioneer Home (APH), location approximately 5 miles from API.
- Documented efficiencies based on consolidation and cost savings
- For API: Determine automated dispensing cabinet to automate the medipreps/med passes on five (5) units and one (1) after-hours unit.

2. API remains in current location with pharmacy restructuring:

- Pharmacy is not removed from API building
- Restructure of the pharmacy services i.e., dispensing, med pass, medication management, inventory control
- Cost reduction strategies
- Determine automated dispensing cabinet to automate the medipreps/med passes on five (5) units and one (1) after-hours unit.
- Realignment of staff to create efficiencies

### **Assessment**

| Reasons for consolidation in pharmacies at APH      | Summary of Assessments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| Reducing operational costs by reducing redundancies | <p>The predominant operational costs in both pharmacies are drug costs and labor costs.</p> <ul style="list-style-type: none"><li>• In evaluating the drug costs, when a shared inventory model is created when consolidating pharmacies, a definitive reduction in overall drug expense could not be estimated due to variances in drug formularies and current utilization trends. However, the following assumptions were observed:<ul style="list-style-type: none"><li>○ The differences in the types of medications provided at a psychiatric hospital and the types provided for long term care</li></ul></li></ul> |

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|                                                      | <p>facility residents are significantly different requiring AKPH pharmacy to greatly increase their stock with medications currently not stocked. More importantly, psychiatric medication doses are adjusted often requiring varying doses, and frequent changes. Stocking the numerous volumes and having to transport these medications will place excessive burden on the medication use processes at AKPH pharmacy and increase the need to transport medications more than daily from APHK to API.</p> <ul style="list-style-type: none"> <li>○ In summary, this assessment reveals no drug cost savings due to requiring increasing volumes of medications, limited cross-over between the medications that are needed for long-term care patients and psychiatric patients, and the need to transport where, at API, transport is not required.</li> <li>• Salary expenses are not being tracked at the Pharmacy Department level. Salary expenses are likely to be strongly elevated for both facilities due to the monitoring volumes, deliveries from transport, delays, patients not getting their medications due to delivery delays, order changes and communication of those order changes without a consolidated electronic medical record and ensuring critically ill patients at API remain stable until medications arrive.</li> <li>• In evaluating labor resources at both facilities, labor capacity and service scope at AKPH pharmacy does not meet the workload that will be required to manage medication volumes, order evaluations, communication with providers if orders need to be clarified, issues with the use of two distinct electronic records, and the inability of the pharmacy to directly view medication orders. <ul style="list-style-type: none"> <li>○ The existing staffing at AKPH pharmacy with nursing home expertise will not support the reduction in staffing at API pharmacy. API requires pharmacy staff with psychiatric hospital expertise to ensure medications are ordered and administered properly.</li> <li>○ It should be noted that data from Framework LTC could not be obtained to estimate labor utilization at AKPH pharmacy.</li> </ul> </li> </ul> |
| Reducing operational costs by achieving efficiencies | <ul style="list-style-type: none"> <li>• On aggregate, if all services are centralized to the AKPH pharmacy today, definitive inefficiencies will be created. The distance between AKPH pharmacy to API will require additional staff who are knowledgeable about transporting medications, temperature monitoring, and timely delivery. Daily schedules will need to be established and procedures to support the need to do additional daily runs.</li> <li>• Duplicate supplies will need to be stocked at both facilities during inclement weather, adding to the cost. As a foreseen consequence, additional drug costs will be incurred to adequately stock facilities to prevent critically mentally ill patients from gaps in doses.</li> <li>• API is an accredited organization and is regulated by the Centers for Medicare and Medicaid Services (CMS). Consolidating with a non-accredited organization adds additional burden. As the contracted service, AKPH will be required to meet performance metrics as defined by CMS and The Joint Commission. The additional work</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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|                                                                                                         | <p>required to meet these standards will now include AKPH's Quality, Infection Control, Director of Nursing, Administration, and a host of other departments to ensure compliance and prevent an audit.</p> <ul style="list-style-type: none"> <li>○ As a result of centralization of the API pharmacy at AKPH pharmacy, AKPH pharmacy will be contracted with API pharmacy. Since contracts will be reviewed by The Joint Commission and CMS, regulatory review will be conducted at AKPH pharmacy.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Reducing operational costs by reducing labor resources or deploying resources to other projects         | <ul style="list-style-type: none"> <li>• There are components of the services provided at API pharmacy that can be centralized at APH pharmacy, which will increase efficiency at API without service disruption at APH pharmacy. The primary service is outpatient medication dispensing. Centralization efforts will support the deployment of resources to perform work not currently being executed but is required from a regulatory perspective.</li> <li>• The intensity of the large upcoming projects at API and AKPH pharmacy (automation and a new electronic medical record) will require the current labor to be utilized to support the IT builds.</li> <li>• After implementation of the new medical record, remote order verification from APKH pharmacy can be considered, if policies are developed, contracts are established, labor capacity exists, and IT access can be granted.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Reducing capital costs                                                                                  | <p>In review of the current procedures at both pharmacies, additional capital costs associated with the physical locations of each pharmacy unknown; however, this initial assessment revealed no reduction in capital costs if the two pharmacies were consolidated. For example:</p> <ol style="list-style-type: none"> <li>1. There is no overlap in the upcoming procurement of equipment and technology (Pyxis or auto-fill machines) at both locations where capital cost reductions can be achieved.</li> <li>2. Electronic medical record integration: without the implementation of a consolidated electronic medical record, all orders, safety reviews, and review of physician's orders based upon the patient diagnosis will require manual work for each medication ordered. This manual work will, at minimum, double the volume of the APKH Pharmacy staff, which will require additional pharmacy staff. Additionally, the lack of integration of services at API pharmacy and APKH pharmacy will require distinct builds on the medication component of the medical record.</li> <li>3. Based on the need for an integrated medication dispensing system, the building at AKPH will need additional renovations to include the ability to change medications every day for API, additional computer bandwidth, a pharmacist to monitor the numerous daily drug changes and any drug adverse side effects. The normal workflow for a long-term care facility does not require daily and often hourly monitoring of critical medications required by an acutely ill psychiatric patient as long-term care residents are stable as they are living in a home environment.</li> </ol> |
| Increasing potential revenue (market share) by gaining access to new markets or eliminating competition | <p>There are no known methods of increasing revenue as a result of centralization. It is expected that costs will increase due to the increases in stocking, drug procurement, and additional staff needed to transport. AKPH pharmacy will have to monitor medication changes and endure the</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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|  | extreme differences between the scope of services between a psychiatric hospital and a long-term care facility. |
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**Conclusion**

At this time, the complete centralization of the API pharmacy at AKPH pharmacy is not recommended nor feasible. Centralization of certain activities is recommended; however, regulatory and operational variances must first be addressed. Outpatient dispensing services can be centralized at AKPH pharmacy if delivery capacity exists in the current labor utilization model. After the implementation of the new electronic medical record, the automated filling and dispensing machines, improvements in regulatory compliance (noted below), and of the restructuring efforts identified in this report (see Appendix B), it is recommended that a second reassessment of services to determine if additional cost or revenue synergies can be captured. It is expected that the 1 pharmacist FTE can be converted to 1 pharmacy technician FTE, if the necessary skills are available upon hire.

### API Outpatient Prescription Dispensing

Both API and AKPH pharmacies perform outpatient prescription dispensing on days and times when the pharmacies are open. Synergies in outpatient prescription dispensing were evaluated. AKPH uses Framework LTC as their pharmacy information system and API uses QS1. Data could not be extrapolated from the Framework LTC because the system requires resources to write reports from the system, which were not available. Therefore, dispensing patterns at AKPH pharmacy could not be evaluated. At API, the 2022 data was extrapolated from the QS1 system. The QS1 data (Appendix C) showed outpatient prescription volume ranges between 86 prescriptions a month and 186 prescriptions a month, averaging up to seven prescriptions filled in a day. Although the use of historical data may not accurately reflect future prescription volume due increases in patient volume and acuity, the data serves as a baseline for the current state.

Upon review, it was determined that the centralization of a portion of this work effort may be possible in the future state; however, the efficiencies gained may be very limited. It was stated that AKPH and API will be moving to a medical record. For planned non-urgent discharges, a centralized fill with medications being delivered in a discharge “meds-to-bed” fashion can be developed with a coordination of services. The aggregate volume of API outpatient prescriptions is expected to be between five and less than ten prescriptions a day on average. The delivery infrastructure for such a limited volume of daily prescriptions will result in additional costs and potentially more inefficiencies if multiple patients are discharged at different times in the day. Discharge planning and coordination will help minimize these inefficiencies. In addition, a procedure would have to be developed to address the urgent discharges (court ordered) throughout the day, if centralization of outpatient prescriptions were conducted. An alternative may be to provide written prescriptions; however, the propensity of the patient to fill these prescriptions should be carefully weighed.

Overall, the centralization of the outpatient dispensing function is feasible at AKPH pharmacy; however, labor capacity at AKPH pharmacy would have to be evaluated to support delivery function. To centralize outpatient dispensing, medications would be required to be transported from AKPH pharmacy to API pharmacy. The total distance between locations is approximately five miles, which is very achievable. Medication storage containers would be required to control the temperature at which medications are transported. The containers will not vary from the containers that were currently used at AKPH pharmacy to ship medications to the homes in the outlying areas. Policies and procedures are required to define the transportation of hazardous medications, if applicable, and how delays in travel would be handled due to inclement weather conditions and other outside variables.

### Inventory and Procurement Analysis

An evaluation was conducted based on the drugs listed on the formulary. AKPH publishes their formulary on their website ([Pioneer Homes Pharmacy Formulary \(alaska.gov\)](https://www.alaska.gov/pioneerhomespharmacy/formulary)), last reviewed March 2023. A formulary document was not available for the API. As a proxy for the written formulary, the drug build (formulary) in the electronic medical record (Meditech) was evaluated. The API formulary consists of 392 medication names and the AKPH has 340 medication names listed on their formulary. It should be noted that both formularies contained non-medication entries, which were removed from the analysis. There was some overlap of medication names in both formularies, which warranted further review.

To identify procurement synergies, an evaluation of the annual purchasing data was reviewed (one calendar year or one year-to-date). An analysis of the procurement data included a review at the individual product level by evaluating medications by National Drug Codes (NDC). Upon review of annual purchasing data from API and AKPH, it was noted that a total of 4513 NDCs were purchased at AKPH and 3600 NDCs were purchased at API. There were 111 NDCs that overlapped between both pharmacies. That is, both facilities procured the same drug, strength, dosage form, and manufacturer. The overlap in items procured represented about 2.4% of the annual purchases for AKPH and 3% of the annual purchases for API.

In performing the analysis, the manual matching the formularies of API and AKPH by drug, strength, and dosage form (non-NDC matching) was not performed. The data set provided by API pharmacy included NDC, wholesaler item number, brand name, generic name, and package size. AKPH pharmacy also included strength and dosage form. Therefore,

manually matching the two formularies would require assumptions that may lead to variances created by potential mismatch between products that may not be FDA-deemed generically equivalent and/or created by limitations in the item description in the wholesaler database. For example, API pharmacy procured carbamazepine, based on the data set provided. It is not possible to determine if the carbamazepine procured was Carbatrol, Tegretol, Tegretol SR, carbamazepine chewable, etc. without cross walking the product at the NDC level and validating at the item level generic equivalence.

The overlapping NDCs were further evaluated to identify cost savings if centralized services are to be conducted from AKPH. Drug wholesalers and manufacturers can provide an aggregate reduction in pricing for acute settings with pharmacies, typically negotiated by group purchasing organizations (GPOs). The difference in cost relative to clinic pharmacies can be correlated at the medication NDC level but can also be part of overall contractual relationship based on tiering and volume discounts.

Of the 111 NDCs analyzed, if procurement was to be conducted from AKPH, an annual increase in purchasing cost of \$2,914.75 is expected. Due to the limited volume of NDC overlap between API and AKPH, an extrapolation of the increased costs to the aggregate drug spend cannot be reasonably established. Further, additional volume discounts could be obtained that would offset the increase in purchasing prices due to shared volume at AKPH. Moreover, since both facilities use MMCAP as a GPO, purchasing tiers can be evaluated to maximize cost synergies.

To identify additional cost synergies; medication loss, waste, and expiration was assessed at both facilities. Expired or unusable medications are discarded (not tracked) at AKPH, unless they are a controlled substance. At API pharmacy, most medications are destroyed by the reverse distribution process on a semiannual basis. It should be noted that medications stocked in the pharmacy that are ineligible to receive credit are destroyed to reduce costs. In addition, dispensed medications are expired and wasted at the bedside when a patient refuses the medication. Both conditions were excluded from the analysis.

Upon review of the 2022 reverse distribution data, there were 79 NDCs that were sent through this channel. The annual average wholesale cost (WAC) of the medications expired, wasted, or determined to be unusable was reported as \$21,619.85 by the vendor. Please note the average wholesale cost may not equate to the actual drug costs at API. The annual credits received from the vendor were \$13,266.69. Eleven NDCs were hospital-specific medications that would not likely be used at AKPH pharmacy (highlighted in Appendix C). Of those, injectable Geodon, a hospital-specific medication, was the largest component in terms of WAC. Therefore, a reduction in medication waste associated with a shared inventory may not be fully achievable.

To minimize medication waste, it is recommended that purchasing trends be monitored and tighter inventory controls be implemented on medications with higher acquisition costs.

### Regulatory Considerations

API is surveyable by The Joint Commission (TJC) and Centers for Medicare and Medicaid Services (CMS). AKPH is not surveyable by these regulatory agencies. The centralization of the pharmacies at AKPH will require a contractual relationship between the AKPH pharmacy to provide pharmaceutical services and API (also needed for AK Board of Pharmacy). As a contracted service, AKPH will be expected to meet performance expectations as agreed upon by both entities. The contract and performance expectations are surveyable by both CMS and The Joint Commission. Many variances in TJC standards were noted at AKPH pharmacy. It is recommended that a full TJC/CMS assessment of the AKPH pharmacy, which is outside the scope of this project, be conducted to further understand the feasibility of the centralization effort. Some regulatory variances are noted in this report, which were found incidental to the overall assessment of feasibility of centralization.

### Medication Storage in AKPH and API Pharmacy

The procedures and locations for medication storage were assessed at both facilities. AKPH pharmacy had a larger footprint than API pharmacy. It appeared that the pharmacy space in both facilities is being used to capacity; however, neither pharmacy is prepared for a centralization effort.

At AKPH pharmacy, it appears that the entire footprint is being used to perform medication-related work, although, the area in the back part of the floor appears to be more aligned to medication storage and procedures. The space is lined with windows and in the medication storage areas, window covers were implemented on one side of the room to manage the sunlight. The presence of the windows may limit the storage of light-sensitive medications in the medication storage area if additional centralization efforts are employed.

The door to the medication storage area at AKPH was observed open. The temperature of the space was noted to be very warm. As a response, the door to the patio was left open with the use of a garbage can as a door stopper. It was stated that the temperature of the pharmacy was centrally controlled and is linked to the Pioneer Home space where patients reside. The temperature of the pharmacy provides concern related to the storage of controlled temperature as defined by the manufacturer's labeling. Exceeding the recommended storage temperature may result in a loss of medication integrity. After the onsite assessment was performed, it was verbally stated that the temperature issue was resolved.

During the onsite assessment, it was stated that access to the pharmacy area at AKPH can be gained by facility personnel through the patio walkway. It was also stated that elevator access to the pharmacy space is not restricted when the staff is working in the space. A method to lock elevator access was demonstrated and was stated to be conducted when the pharmacy was closed. There were occasions that were described when the patients take the elevator to access the outdoor patio spaces through the pharmacy. Access to medication storage areas by unauthorized personnel and staff should be considered when determining a centralized pharmacy model.

In the administrative portion of the pharmacy at AKPH, storage closets were evaluated. There appeared to be limited space for the storage of supplies and other products, as some boxes were found to be stored on the floor in sections of the pharmacy. It was stated that records will be moving to an electronic platform and therefore some of the filing cabinets and other furniture can be moved. Additional storage locations were shown in the basement of the AKPH building.

In discussion, it was stated that the centralization of pharmacy services was previously evaluated. Additional medications would be required to be stocked at AKPH pharmacy for API pharmacy beyond what is normally stocked at AKPH pharmacy. It was further stated that this additional volume would only require an additional rolling utility shelf cart. The additional shelf cart was in the administrative space of the pharmacy. Upon review of the procurement data, it appears that the volume of the API-specific drugs would exceed the space provided by the rolling utility shelf cart.

At API Pharmacy, physical space constraints were noted for medication storage. The constraints can be resolved by storing materials not involved in daily operations into another space. It is recommended that the medication storage areas be free of dust and debris. Additionally, a consistent shelf labeling process is recommended.

### API Medication Storage in Patient Care Areas

At API, medications are stored in carts in patient care areas. Each medication unit contains a medication cart in the designated medication room. In addition, an "after-hours" cart was available to support medication-related practices when the pharmacy is closed. Several observational studies were conducted to assess the current procedures aligned with the utilization of these carts and to evaluate compliance.

The appropriate functioning of the cart was discussed. It was stated that the carts were procured within the last two years. In Chilkat unit, staff stated that there were challenges with the appropriate functioning of the carts, resulting in them breaking "a lot". In the Susitna unit, the cart was noted to be left open during medication pass. It was not determined if the storage of the cart in an unlocked fashion was due to the improper functioning of the carts or if staff reeducation is

warranted regarding organizational policies related to medication security (see policy PT-060-01.03 and Nursing Procedure D-9). In addition, in the Susitna unit, when the nurse went to access medications in the cart, the wrong patient's medication was in the wrong bin. It could not be determined if the cart was incorrectly filled, or the medications were returned to the wrong bin.

The location of the medication carts was reviewed in the patient care units. In the Susitna unit, the size of the medication room requires the storage of the medication cart adjacent to the handwashing sink. Such practices may lead to inadvertent contamination of medications stored in and on the medication cart. Moreover, the "after hours cart" was stored in a space adjacent to the urine sample monitoring. Urine was being discarded in the sink near the storage of the "after hours cart", resulting in potential infection risks. Remediation of noted discrepancies in medication storage and use is recommended with the utilization of an infection control risk assessment, where warranted.

### API Labor Resource Utilization

At API, labor resources are not budgeted at the department level. The pharmacy is open Monday through Friday from 8 am to 4 pm. A total of 3 FTEs is utilized daily: 2 FTE pharmacist and 1 FTE pharmacy technician. The pharmacy technician mainly performs activities associated with cart-fill processes.

At API, the Pharmacy Director expends 1/2 of the working day on performing documentation activities and following up on those reported. After hours, when the Pharmacy is closed, nursing staff perform medication order entry. The medication order entry supports medication retrieval and medication administration practices. The following business day, the pharmacist performs a retrospective review of the orders entered. The pharmacy team identifies variances in order entry practices and documents the discrepancies. These discrepancies are then reported to the individual nurses and nursing leadership as a point of education. In discussion, it was stated that the discrepancies were rarely wrong drug, dose, frequency, patient etc. The variances that were noted were predominantly documentation failures in order comments, start times, etc.

At API, a portion of the nursing staff is contracted, and some staff is contracted for a short period of time (13 weeks, etc.) The effort that the pharmacy staff is making to provide education to the nursing staff is significant. Upon review of May 2022 to May 2023 order entry data, it was identified that nearly 31% of prescriptions entered were edited, implying additional manipulations at the order level were required by another staff member or the same staff member. Furthermore, the outcome of the educational effort taken by the pharmacy has not improved the variance over time. In variances reported in January and February 2022 were compared to the variances in January and February 2023. In the two months in 2022, there were 81 such variances noted and in same two months 2023 there were 78 variances noted.

It is recommended that order entry discrepancies be stratified based on severity and risk level. For those discrepancies that are low in severity (i.e., documentation variances in the order comments), the variances can be reported to the Education Department for follow-up, retraining, and education. For those determined to be more significant, the Pharmacy team should report those variances through the error reporting system and follow the risk management process. Such changes in operations will make 0.5 pharmacist FTEs available.

Currently, certain activities are not being performed in the Pharmacy. First, Medication Management policies and procedures have not been recently reviewed or updated. For example, "Unit Dose Cassettes" and "Controlled Substances (II-V) Pharmacy Desk Procedures Manual were last reviewed Jan 2015, and "Medication Preparation & Administration" was last reviewed Dec 2019. In addition, an annual review of the medication formulary has not been conducted. (In accordance with TJC). Second, controlled substances are not being monitored for misuse. The documentation record is being evaluated for completeness, but controlled substance utilization and prescribing trends are not being monitored. Lastly, the integration of the pharmacy services into the hospital's quality assurance and performance improvement activities could not be demonstrated.

A restructuring of the pharmacist work will lead to more effective utilization of labor resources. The gains made in right-sizing the scope of the pharmacist's work will be offset by performing the work that is currently not being performed. Therefore, a reduction in the pharmacist labor resources is not achievable.

#### API Cart-Fill and Medication Cart Exchanges

At API, the medication carts are exchanged Mondays and Thursdays at 2pm. According to the chief pharmacist, the pharmacy technician performs half of the cart fill on Fridays and the other half on Mondays for the Monday cart exchanges. On Wednesdays, half the cart fill is completed by the pharmacy technician and the other half is completed on Thursdays for the Thursday cart exchanges. The pharmacy technician uses bar code scanning to verify the contents of the cart matches the fill list. The pharmacists complete the final update to the cart prior to delivery at 2pm. In discussion with the chief pharmacist and through observation, it was determined that most of the pharmacy technician's time is utilized to support the cart-fill processes. Data volumes could not be obtained for the cart-fill process from MediTech because the system provides a single report that is not electronically retained. However, it is estimated that the utilization of the pharmacy technician will be nearly full with the deployment of the automated dispensing machines and the supporting activities that are not being performed in the pharmacy.

#### API Automated Dispensing Cabinets

The utilization of automated dispensing machines will likely improve medication-related processes. First, access to controlled substances will be restricted to only one medication. The current system allows for multiple controlled substances to be accessed from a single drawer. Although systems are in place, such as unit-dosing and mandatory counts, which will limit diversion risk, access to a single medication with traceability will help tighten up medication access. In addition, the drawer to an automated dispensing machines cannot be left open. While medication security will be improved, procedures will have to be developed to outline medication use processes when patients refuse the medication. Second, automated dispensing machines will help provide more visibility to medication use. Controlled substances utilization can be tracked and trended and proactive diversion measures can be deployed. In addition, tighter inventory control with increased inventory turns can be deployed to minimize medication waste by reviewing and managing par levels. Third, the labor resource utilization will gain some efficiencies. The current cart-fill and floor stock process will be replaced with automated dispensing machine restocking and destocking activities based on utilization. The amount of time to perform these functions will be reduced relative to procedures to manage cart-fill. With the additional capacity, the pharmacy technician can support controlled substance audit functions and other procedures that are currently not being conducted. Lastly, the risk of inadvertently returning medications to the wrong bin will be limited by restricting the return function.

If automated dispensing machines are going to be used, several factors will have to be considered. The footprint of the automated dispensing machine in the medication room will limit space in the room. A reevaluation of electrical plugs, water sources, and infection control risks will be needed. In addition, policies and procedures for the automated dispensing machines related to medication access, medication storage, overrides, infection control management, downtime, among others will need to be developed and implemented. Moreover, the current process of medication administration will have to be changed. Currently, the nurse prepares the oral medications for administration for all patients prior to the scheduled administration time. The patients line up at the pharmacy window to receive the medication for administration.

Although there are five patient care units at API, six automated dispensing machines are recommended. If appropriately specified, capacity in the automated dispensing machines will increase. Therefore, an "after hours" solution may not be needed. If five automated dispensing machines are procured, the storage of various non-routine medications will have to be delineated across the additional capacity of all the machines. However, if there are mechanical failures in the automated dispensing machine, an additional machine will support the continuity of care. It is not certain how long it

would take a service technician to come on site to remediate the issue. Therefore, if five automated dispensing machines are sourced, then procedures will have to be implemented to manage the downtime.

### Computerized Physician Order Entry (CPOE)

The CPOE rate was assessed using one year's data to date. The rate was 59.2%. Forty Percent of the orders were assigned a designation "TORB" (Telephone Order and Readback). An increase in CPOE rate will likely reduce the order entry variances observed by the pharmacy staff when order entry has been performed by nursing staff. Therefore, there will be a reduction in the time spent performing follow-up activities associated with order entry by the pharmacist-in-charge.

### Other Regulatory Variances Not Referenced in the Discussion Above Noted During Visit at API

Please note this evaluation was not comprehensive and findings were deemed incidental to the broader work being performed.

| Finding                                                                                                                                                                                                                                                                                                                                                                                                                                  | Regulations                                                          |
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| Upon observation in the Susitna unit, a nurse preparing the injectable dose of haloperidol did not have a space to perform the activity. Aseptic technique in the preparation of the medication was not performed, including swabbing the vial septum with isopropyl alcohol.                                                                                                                                                            | TJC: MM.05.01.07 EP 2<br>CMS: A-405 §482.23(c)                       |
| Upon observation in the Susitna unit, the nurse prepared a syringe containing haloperidol. The medication was stored in the medication room and was not labeled prior to administration.                                                                                                                                                                                                                                                 | TJC: MM.05.01.09 EP 1<br>CMS: A-405 §482.23(c)                       |
| In the Susitna unit, a chart review was conducted to evaluate the administration of the injectable haloperidol. There were several medication orders for haloperidol (injectable and oral) in the electronic medical record. The order or specific indications was not defined in the record; therefore, the orders can be perceived as therapeutic duplication.                                                                         | TJC: MM.05.01.01 EP 4<br>CMS: A-500 §482.25(b)                       |
| In the Pharmacy, the team member was eating food while managing medication-related processes.                                                                                                                                                                                                                                                                                                                                            | TJC: IC.02.01.01 EP 1<br>CMS: A-0750 §482.42(a)(3)                   |
| In the Pharmacy, Emergency Drug Kits are being prepared. It was stated that the pharmacy technician is managing this process. Please note: According to the Alaska Board of Pharmacy Regulations, "the supplying pharmacist shall restock the kit within a reasonable time, not to exceed seven days. The supplying pharmacist shall label the exterior of an emergency drug kit to indicate the expiration date of the kit's contents." | 12 Alaska Admin. Code § 52.830                                       |
| In the Susitna unit, clean patient supplies were noted to be stored next to the handwashing sink in the medication room.                                                                                                                                                                                                                                                                                                                 | TJC: IC.02.02.01 EP 4<br>CMS: A-0749 §482.42(a)(2)                   |
| In the Chilkat unit, in the medication room, the continuity of the ceiling was breached by a wire through a raised ceiling tile.                                                                                                                                                                                                                                                                                                         | TJC: EC.02.06.01 EP 1<br>CMS: A-0144 §482.13(c)(2)                   |
| The hospital's look-alike, sound-alike medication list and high-alert list was dated 2019.                                                                                                                                                                                                                                                                                                                                               | TJC: MM.01.01.03 EP 1,<br>MM.01.03.01 EP 3<br>CMS: A-0491 §482.25(a) |
| In the medication room in the Susitna unit, the outlet adjacent to the handwashing sink did not appear to have a GFCI protected circuit.                                                                                                                                                                                                                                                                                                 | TJC: EC.02.05.05 EP 8<br>CMS: A-0724 §482.41(c)                      |
| In the medication room in the Susitna unit, a medication preparation area was not defined.                                                                                                                                                                                                                                                                                                                                               | TJC: MM.05.01.07 EP 2<br>CMS: A-0749 §482.42(a)(2)                   |
| In the Susitna unit, during the medication administration process, medications not administered were discarded in the discarded in the Sharp's container. It is recommended that appropriate medication disposal procedures be developed in accordance with DEA regulations, EPA standards, and Alaska Board of Pharmacy Regulations.                                                                                                    | DEA, EPA, Alaska Board of Pharmacy                                   |

Appendix A: Recommended Initial Formulary for Automated Dispensing Machines

| <b>Location: Chilkat</b>                                      |
|---------------------------------------------------------------|
| ACETAMINOPHEN 325 MG TABLET                                   |
| ACETAMINOPHEN/hydroCODONE 325-5mg 1 COMB TABLET               |
| AMANTADINE 100 MG CAPSULE                                     |
| AMOXICILLIN-CLAVU 875/125 1 COMB TABLET                       |
| ANTACID ORAL SUSPENSION 30 ML SUSP                            |
| ARIPiprazole 10 MG TABLET                                     |
| ARIPiprazole 15 MG TABLET                                     |
| ARIPiprazole 2 MG TABLET                                      |
| ARIPiprazole 5 MG TABLET                                      |
| ARTIFICIAL TEARS 1 DROP/0.05 ML DROPERETTE                    |
| BACITRACIN OINTMENT PKT 1 APPLIC OINT                         |
| BENZOCAINE/MENTHOL LOZENGE 1 EA LOZENGE                       |
| BENZOYL PEROXIDE 10% TOP WASH 142 APPLIC/142 GM CLEANSER      |
| BENZOYL PEROXIDE 5% TOP GEL/LOTION 42.5 APPLIC/42.5 GM LOTION |
| BENZTROPINE 1 MG TABLET                                       |
| bisacodyL 10 MG SUPP                                          |
| buPROPion XL 150 MG TABLET                                    |
| busPIRone 5 MG TABLET                                         |
| CHLORHEXIDINE 4% TOPICAL SCRUB 1 APPLIC/ 1 BTL LIQUID         |
| chlorproMAZINE 100 MG TABLET                                  |
| chlorproMAZINE 25 MG TABLET                                   |
| chlorproMAZINE 50 MG TABLET                                   |
| chlorproMAZINE 50 MG/2 ML INJ                                 |
| CIPROFLOXACIN 0.3% OPHT SOLN 100 DROPS/5 ML DROPS             |
| Clindamycin Topical Pads 1 PAD PAD                            |
| clonazePAM 0.5 MG TABLET                                      |
| clonazePAM 1 MG TABLET                                        |
| cloNIDine 0.1 MG TABLET                                       |
| CLOTRIMAZOLE 1% CREAM 28.35 APPLIC/28.35 GM CR                |

|                                                       |
|-------------------------------------------------------|
| CLOTRIMAZOLE 1% VAGINAL CREAM 7 APPLIC/45 GM CR       |
| CULTURELLE DIGESTIVE ADVANTAGE 1 EACH CAPSULE         |
| DEEP SEA NASAL SP 1 SPRAY/ 1 ML SPRAY                 |
| diphenhydrAMINE 25 MG CAPSULE                         |
| diphenhydrAMINE 50 MG CAPSULE                         |
| diphenhydrAMINE 50 MG/ML INJ                          |
| DIVALPROEX DR 250 MG TABLET                           |
| DIVALPROEX DR 500 MG TABLET                           |
| DOCUSATE SODIUM 100 MG CAPSULE                        |
| DOXEPIN 25 MG CAPSULE                                 |
| DOXYCYCLINE 100 MG TABLET                             |
| DUOFILM LIQ WART REMOVER 296 DROPS/14.8 ML LIQUID     |
| <b>ENSURE Dietary Suspension 1 CAN SUSP</b>           |
| EPI-PEN ADULT autoinjector 0.3 MG/0.3 ML PEN.INJCTR   |
| <b>EPSOM SALT PWD 1 APPLIC/120 GM POWDER</b>          |
| ESCITALOPRAM 20 MG TABLET                             |
| <b>Estrogens/Progesterone Drug Monograph 1 EA EA</b>  |
| FAMOtidine 20 MG TABLET                               |
| FERROUS GLUCONATE 324 MG TABLET                       |
| FLUARIX QUAD 2021-2022 VACCINE 0.5 ML/SYRINGE SYRINGE |
| FLUARIX QUAD 2022-2023 SYRINGE 0.5 ML/SYRINGE SYRINGE |
| FLUCONAZOLE 150 MG TABLET                             |
| FLUoxetine 10 MG CAPSULE                              |
| FLUoxetine 20 MG CAPSULE                              |
| fluPHENAZine 5 MG TABLET                              |
| FLUTICASONE NASAL SPRAY 120 SPRAYS/16 GM NASPR        |
| GELUSIL CHEWABLE TABLET 1 COMB TABLET                 |
| guaiFENesin Oral Syrup 100 MG/5 ML SYRUP              |
| haloperidoL 0.5 MG TABLET                             |
| haloperidoL 1 MG TABLET                               |
| haloperidoL 5 MG TABLET                               |

|                                                           |
|-----------------------------------------------------------|
| HALOPERIDOL 5 MG/ML INJ                                   |
| HALOPERIDOL DECANOATE 100 MG/ML INJ                       |
| HYDROCERIN CREAM 113 APPLIC/113 GM CR                     |
| HYDROCORTISONE 1% CREAM 28 APPLIC/28 GM CR                |
| hydrOXYzine 25 MG TAB                                     |
| hydrOXYzine 50 MG TAB                                     |
| IBUPROFEN 200 MG TABLET                                   |
| LACTASE 9000 UNITS TABLET                                 |
| LATUDA 40 MG TABLET                                       |
| LATUDA 60 MG TABLET                                       |
| LATUDA 80 MG TABLET                                       |
| LIDOCAINE TRANSDERMAL 5% PATCH 1 PATCH PATCH              |
| LIP BALM (CHAPSTICK EQUIV) 1 APPLIC OINT                  |
| LITHIUM CARBONATE 300 MG CAPSULE                          |
| LITHIUM CARBONATE ER* 300 MG TABLET                       |
| LITHIUM CARBONATE ER* 450 MG TABLET                       |
| LOPERAMIDE 2 MG CAPSULE                                   |
| LORATADINE 10 MG TABLET                                   |
| LORazepam 0.5 MG TABLET                                   |
| LORazepam 1 MG TABLET                                     |
| LORazepam 2 MG TABLET                                     |
| medroxyPROGESTERone DEPOT INJ 150 MG/ML INJ               |
| MELATONIN 3 MG TABLET                                     |
| metFORMIN 500 MG TABLET                                   |
| METOPROLOL ER 25 MG TABLET                                |
| metroNIDAZOLE 0.75% Cr 45 APPLIC/45 GM CR                 |
| MILK OF MAGNESIA 2400MG/30ML 30 ML ORAL.SUSP              |
| MIRTAZAPINE 15 MG TABLET                                  |
| MONOPHASIC BIRTH CONTROL EQUIV (0.1-0.02MG) 1 COMB TAB    |
| MONTELUKAST SODIUM 10 MG TABLET                           |
| MUPIROCIN 2% OINTMENT 22 APPLIC/ 22 GM OINT               |
| NEOMYCIN-POLYMYXIN-HC EAR SUSP 200 DROPS/10 ML DROPS.SUSP |

|                                                           |
|-----------------------------------------------------------|
| NITROFURANTOIN MONOHYDRATE-MAC 100 MG CAPSULE             |
| OFLOXACIN OPH SOLUTION 0.3% 100 DROPS/5 ML DROPS          |
| OLANZapine 10 MG TABLET                                   |
| OLANZapine 10 MG/VIAL INJ                                 |
| OLANZapine 15 MG TABLET                                   |
| OLANZapine 20 MG TABLET                                   |
| OLANZapine 5 MG TABLET                                    |
| OLANZapine ODT 10 MG TAB.ODT                              |
| OLANZapine ODT 15 MG TAB.ODT                              |
| OLANZapine ODT 20 MG TAB.ODT                              |
| OLANZapine ODT 5 MG TAB.ODT                               |
| OMEGA-3 FATTY ACIDS 1000 MG CAPSULE                       |
| Omeprazole 40 MG CAPSULE.DR                               |
| ONDANSETRON ODT 4 MG TABLET                               |
| ORAJEL EQUIV 15 APPLIC/15 GM GEL                          |
| PANTOPRAZOLE ER 40 MG TABLET                              |
| PARoxetine 10 MG TABLET                                   |
| Patch Removal Verification 1 EA EA                        |
| PENICILLIN VK 250 MG TABLET                               |
| PFIZER COVID BIVAL(12Y UP)-EUA 30 MCG/0.3 ML VIAL         |
| PFIZER COVID-19 VACCINE (EUA) 30 MCG/0.3 ML VIAL          |
| PHENAZOPYRIDINE 95 MG TABLET                              |
| polyethylene glycoL 3350 1 PKT PKT                        |
| POLYETHYLENE GLYCOL 3350 238GM BOTTLE 15 ML/ 17 GM POWDER |
| POVIDONE-IODINE 10% TOP SOLN 480 APPLIC/480 ML SOLUTION   |
| PRAZOSIN 1 MG CAPSULE                                     |
| PSYLLIUM FIBER POWDER PKT 1 PKT PKT                       |
| PUMICE STONE 1 APPL EACH                                  |
| QUETiapine 100 MG TABLET                                  |
| QUETiapine 200 MG TABLET                                  |
| QUETiapine 25 MG TABLET                                   |
| QUETiapine 300 MG TABLET                                  |

|                                                        |
|--------------------------------------------------------|
| QUetiapine 50 MG TABLET                                |
| risperiDONE 0.5 MG TABLET                              |
| risperiDONE 1 MG TABLET                                |
| risperiDONE 2 MG TABLET                                |
| risperiDONE ODT 0.5 MG TAB.ODT                         |
| risperiDONE ODT 1 MG TAB.ODT                           |
| SALMETEROL/FLUTICASONE 14mcg/113mcg 60 PUFFS/UNIT AERP |
| SENNA 8.6 MG TABLET                                    |
| SERTRALINE 100 MG TABLET                               |
| SERTRALINE 25 MG TABLET                                |
| SERTRALINE 50 MG TABLET                                |
| SULFAMETHOXAZOLE/TRIMETHOPRIM DS* 1 COMB TABLET        |
| SULINDAC 150 MG TABLET                                 |
| SUMatriptan 50 MG TABLET                               |
| SYNTHROID 125 MCG TABLET                               |
| THERA M PLUS TABLET 1 COMB TABLET                      |
| TOPIRAMATE 100 MG TABLET                               |
| TOPIRAMATE 25 MG TABLET                                |
| traZODone 100 MG TABLET                                |
| traZODone 150 MG TABLET                                |
| traZODone 50 MG TABLET                                 |
| TUBErsoL 0.1 ML/5 TU INJ                               |
| Urea 20% Cream 85 APPLIC/85 GM CR                      |
| valACYclovir 500 MG TABLET                             |
| VALPROIC ACID SYRUP 250 MG/5 ML SYRUP                  |
| VENLAFAXINE ER 150 MG CAPSULE                          |
| VENLAFAXINE ER 37.5 MG CAPSULE                         |
| VENLAFAXINE ER 75 MG CAPSULE                           |
| VENTOLIN HFA 60 PUFF/8 GM AEROSOL                      |
| VITAMIN B-12 1000 MCG TABLET                           |
| VITAMIN C 500 MG TABLET                                |
| VITAMIN D (D3) 1000 UNIT TAB                           |

|                                                |
|------------------------------------------------|
| VRAYLAR 1.5 MG CAPSULE                         |
| VRAYLAR 3 MG CAPSULE                           |
| WHITE PETROLATUM OINTMENT 28 APPLIC/28 GM OINT |

|                                                                |
|----------------------------------------------------------------|
| <b>Location: Denali</b>                                        |
| ACETAMINOPHEN 325 MG TABLET                                    |
| ACETAMINOPHEN/hydroCODONE 325-10mg 1 COMB TABLET               |
| AMANTADINE 100 MG CAPSULE                                      |
| amLODIPine 5 MG TABLET                                         |
| AMOXICILLIN-CLAVU 875/125 1 COMB TABLET                        |
| Analgesic Topical Oint/Cr (Ben Gay Equiv) 28 APPLIC/28 GM OINT |
| ANTACID ORAL SUSPENSION 30 ML SUSP                             |
| <b>Anticoagulant Drug Monograph 1 EA EA</b>                    |
| ARIPiprazole 10 MG TABLET                                      |
| ARIPiprazole 15 MG TABLET                                      |
| ARIPiprazole 2 MG TABLET                                       |
| ARIPiprazole 20 MG TABLET                                      |
| ARIPiprazole 5 MG TABLET                                       |
| ARTIFICIAL TEARS 1 DROP/0.05 ML DROPERETTE                     |
| ASPIRIN EC 81 MG TABLET                                        |
| ATORVASTATIN 10 MG TABLET                                      |
| ATORVASTATIN 40 MG TABLET                                      |
| BACITRACIN OINTMENT PKT 1 APPLIC OINT                          |
| BENZOCAINE/MENTHOL LOZENGE 1 EA LOZENGE                        |
| BENZTROPINE 0.5 MG TABLET                                      |
| BENZTROPINE 1 MG TABLET                                        |
| buPROPion XL 150 MG TABLET                                     |
| busPIRone 10 MG TABLET                                         |
| busPIRone 15 MG TABLET                                         |
| CALCIUM 500+D 200IU TABLET 1 COMB TABLET                       |
| CARBAMIDE PEROXIDE OTIC 6.5% 300 DROP/ 15ML DROPS              |
| cefaDROXiL 500 MG CAPSULE                                      |
| cephALEXin 500 MG CAPSULE                                      |
| chlorproMAZINE 100 MG TABLET                                   |
| chlorproMAZINE 200 MG TABLET                                   |
| chlorproMAZINE 50 MG TABLET                                    |

|                                                 |
|-------------------------------------------------|
| chlorproMAZINE 50 MG/2 ML INJ                   |
| CIPROFLOXACIN 500 MG TABLET                     |
| CITALOPRAM 10 MG TABLET                         |
| clonazePAM 0.5 MG TABLET                        |
| clonazePAM 1 MG TABLET                          |
| CLOTRIMAZOLE 1% CREAM 28.35 APPLIC/28.35 GM CR  |
| CLOTRIMAZOLE 1% VAGINAL CREAM 7 APPLIC/45 GM CR |
| cloZAPine 100 MG TABLET                         |
| cloZAPine 200 MG TABLET                         |
| cloZAPine 25 MG TABLET                          |
| cloZAPine 50 MG TABLET                          |
| CULTURELLE DIGESTIVE ADVANTAGE 1 EACH CAPSULE   |
| CYCLOBENZAPRINE 10 MG TABLET                    |
| DEEP SEA NASAL SP 1 SPRAY/ 1 ML SPRAY           |
| Diclofenac 1% Topical Gel 100 APPLIC/100 GM GEL |
| diphenhydrAMINE 25 MG CAPSULE                   |
| diphenhydrAMINE 50 MG CAPSULE                   |
| diphenhydrAMINE 50 MG/ML INJ                    |
| DIVALPROEX DR 250 MG TABLET                     |
| DIVALPROEX DR 500 MG TABLET                     |
| Divalproex Sprinkle 125 MG CAPSULE              |
| DOCUSATE SODIUM 100 MG CAPSULE                  |
| DONEPEZIL 10 MG TABLET                          |
| DONEPEZIL 5 MG TABLET                           |
| DOXEPIN 10 MG CAPSULE                           |
| DOXEPIN 25 MG CAPSULE                           |
| DOXYCYCLINE 100 MG TABLET                       |
| DULoxetine DR 20 MG CAPSULE                     |
| DULoxetine DR 30 MG CAPSULE                     |
| DULoxetine DR 60 MG CAPSULE                     |
| <b>ENSURE Dietary Suspension 1 CAN SUSP</b>     |
| <b>EPSOM SALT PWD 1 APPLIC/120 GM POWDER</b>    |

|                                                       |
|-------------------------------------------------------|
| Erythromycin Base Ophthalmic 30 APPLIC/3.5 GM OINT    |
| ESCITALOPRAM 10 MG TABLET                             |
| ESCITALOPRAM 20 MG TABLET                             |
| FERROUS GLUCONATE 324 MG TABLET                       |
| Finasteride 5 MG TABLET                               |
| FLUARIX QUAD 2021-2022 VACCINE 0.5 ML/SYRINGE SYRINGE |
| FLUARIX QUAD 2022-2023 SYRINGE 0.5 ML/SYRINGE SYRINGE |
| FLUoxetine 20 MG CAPSULE                              |
| fluPHENAZine 5 MG TABLET                              |
| fluPHENAZine decanoate 25 MG/ML 5 ML INJ              |
| FLUTICASONE NASAL SPRAY 120 SPRAYS/16 GM NASPR        |
| FuroSEMIDE 20 MG TABLET                               |
| GABAPENTIN 100 MG CAPSULE                             |
| GABAPENTIN 300 MG CAPSULE                             |
| GABAPENTIN 400 MG CAPSULE                             |
| GELUSIL CHEWABLE TABLET 1 COMB TABLET                 |
| gliPiZIDE ER 5 MG TABLET                              |
| haloperidoL 10 MG TABLET                              |
| haloperidoL 5 MG TABLET                               |
| HALOPERIDOL 5 MG/ML INJ                               |
| HALOPERIDOL DECANOATE 100 MG/ML INJ                   |
| HumaLOG (Lispro) INSULIN 100 UNITS/ML VIAL            |
| HYDROCERIN CREAM 113 APPLIC/113 GM CR                 |
| hydroCHLORothiazide 12.5 MG CAPSULE                   |
| HYDROCORTISONE 1% CREAM 28 APPLIC/28 GM CR            |
| HYDROCORTISONE 1% OINT 30 APPLIC/30 GM OINT           |
| hydrOXYzine 50 MG TAB                                 |
| IBUPROFEN 200 MG TABLET                               |
| INVEGA SUSTENNA 234 MG/1.5 ML INJ                     |
| LACTASE 9000 UNITS TABLET                             |
| LACTULOSE LIQUID 15 ML SOLUTION                       |
| lamoTRIgine 25 MG TABLET                              |

|                                               |
|-----------------------------------------------|
| LANTUS (glargine) INSULIN 100 UNITS/1 ML VIAL |
| levETIRAcetam 500 MG TABLET                   |
| LEVOTHYROXINE 100 MCG TABLET                  |
| LEVOTHYROXINE 25 MCG TABLET                   |
| LIDOCAINE TRANSDERMAL 5% PATCH 1 PATCH PATCH  |
| lisinopriL 10 MG TABLET                       |
| lisinopriL 20 MG TABLET                       |
| lisinopriL 5 MG TABLET                        |
| LITHIUM CARBONATE 300 MG CAPSULE              |
| LITHIUM CARBONATE ER* 450 MG TABLET           |
| LOPERAMIDE 2 MG CAPSULE                       |
| LORATADINE 10 MG TABLET                       |
| LORazepam 0.5 MG TABLET                       |
| LORazepam 1 MG TABLET                         |
| LORazepam 2 MG TABLET                         |
| LORazepam 2 MG/ML INJ                         |
| LOSARTAN 25 MG TABLET                         |
| LOSARTAN 50 MG TABLET                         |
| Loxapine 50 MG CAPSULE                        |
| Magnesium Oxide 400 MG TABLET                 |
| MELATONIN 3 MG TABLET                         |
| metFORMIN 500 MG TABLET                       |
| methIMAzole 5 MG TABLET                       |
| Methylphenidate ER 18 MG TABLET               |
| Methylphenidate ER 36 MG TABLET               |
| METOPROLOL ER 25 MG TABLET                    |
| METOPROLOL ER 50 MG TABLET                    |
| MILK OF MAGNESIA 2400MG/30ML 30 ML ORAL.SUSP  |
| MIRTAZAPINE 15 MG TABLET                      |
| MUPIROCIN 2% OINTMENT 22 APPLIC/ 22 GM OINT   |
| NICOTINE TRANSDERM PATCH 14 MG PATCH          |
| NICOTINE TRANSDERM PATCH 21 MG PATCH          |

|                                                   |
|---------------------------------------------------|
| NICOTINE TRANSDERM PATCH 7 MG PATCH               |
| NITROGLYCERIN SL 0.4 MG TABLET                    |
| OLANzapine 10 MG TABLET                           |
| OLANzapine 10 MG/VIAL INJ                         |
| OLANzapine 15 MG TABLET                           |
| OLANzapine 20 MG TABLET                           |
| OLANzapine 5 MG TABLET                            |
| OLANzapine ODT 10 MG TAB.ODT                      |
| OLANzapine ODT 15 MG TAB.ODT                      |
| OLANzapine ODT 20 MG TAB.ODT                      |
| OLANzapine ODT 5 MG TAB.ODT                       |
| OMEGA-3 FATTY ACIDS 1000 MG CAPSULE               |
| ONDANSETRON ODT 4 MG TABLET                       |
| ORAJEL EQUIV 15 APPLIC/15 GM GEL                  |
| PANTOPRAZOLE ER 40 MG TABLET                      |
| Patch Removal Verification 1 EA EA                |
| PERMETHRIN 1% LOTION 1 APPLIC/60 ML LOTION        |
| PERMETHRIN 5% TOPICAL CREAM 1 APPLIC/60 GM CR     |
| PFIZER COVID BIVAL(12Y UP)-EUA 30 MCG/0.3 ML VIAL |
| PFIZER COVID-19 VACCINE (EUA) 30 MCG/0.3 ML VIAL  |
| polyethylene glycoL 3350 1 PKT PKT                |
| PRADAXA 150 MG CAPSULE                            |
| PRAZOSIN 2 MG CAPSULE                             |
| PRENATAL RX TAB 1 COMB TABLET                     |
| Primidone 50 MG TABLET                            |
| PROPRANOLOL 10 MG TABLET                          |
| PROPRANOLOL 20 MG TABLET                          |
| PROPRANOLOL LA 60 MG CAPSULE                      |
| PSYLLIUM FIBER POWDER PKT 1 PKT PKT               |
| PUMICE STONE 1 APPL EACH                          |
| QUetiapine 100 MG TABLET                          |
| QUetiapine 200 MG TABLET                          |

|                                                      |
|------------------------------------------------------|
| QUetiapine 25 MG TABLET                              |
| QUetiapine 300 MG TABLET                             |
| QUetiapine 400 MG TABLET                             |
| QUetiapine 50 MG TABLET                              |
| RisperDAL Consta 25 MG/2 ML INJ                      |
| risperiDONE 0.5 MG TABLET                            |
| risperiDONE 1 MG TABLET                              |
| risperiDONE 2 MG TABLET                              |
| risperiDONE ODT 0.5 MG TAB.ODT                       |
| risperiDONE ODT 1 MG TAB.ODT                         |
| risperiDONE Solution 1 MG/1 ML ORAL.CONC             |
| SELENIUM SULFIDE 1% SHAMPOO 1 APPLIC/5 ML SUSPENSION |
| SENNA 8.6 MG TABLET                                  |
| SERTRALINE 100 MG TABLET                             |
| SERTRALINE 50 MG TABLET                              |
| SPIRONOLACTONE 25 MG TABLET                          |
| SULFAMETHOXAZOLE/TRIMETHOPRIM DS* 1 COMB TABLET      |
| SULINDAC 150 MG TABLET                               |
| SUMAtriptan 50 MG TABLET                             |
| TAMSULOSIN 0.4 MG CAPSULE                            |
| TED ANTI-EMBOLISM STOCKING - KNEE HIGH 1 PKG EACH    |
| TED ANTI-EMBOLISM STOCKING - THIGH HIGH 1 PKG EACH   |
| THERA M PLUS TABLET 1 COMB TABLET                    |
| THIAMINE 100 MG TABLET                               |
| traZODone 100 MG TABLET                              |
| traZODone 150 MG TABLET                              |
| traZODone 50 MG TABLET                               |
| TRIAMCINOLONE ACET 0.1% OINT 80 APPLIC/80 GM OINT    |
| TUBErsoL 0.1 ML/5 TU INJ                             |
| valACYclovir 500 MG TABLET                           |
| VALPROIC ACID SYRUP 250 MG/5 ML SYRUP                |
| VENLAFAXINE ER 150 MG CAPSULE                        |

|                                                |
|------------------------------------------------|
| VENLAFAXINE ER 37.5 MG CAPSULE                 |
| VENLAFAXINE ER 75 MG CAPSULE                   |
| VENTOLIN HFA 60 PUFF/8 GM AEROSOL              |
| VITAMIN B COMPLEX W/VIT C 1 COMB TABLET        |
| VITAMIN B-12 1000 MCG TABLET                   |
| VITAMIN C 500 MG TABLET                        |
| VITAMIN D (D3) 1000 UNIT TAB                   |
| VRAYLAR 1.5 MG CAPSULE                         |
| VRAYLAR 3 MG CAPSULE                           |
| WHITE PETROLATUM OINTMENT 28 APPLIC/28 GM OINT |
| WITCHHAZEL TOPICAL PADS 1 PAD PAD              |
| ZINC OXIDE 20% OINTMENT 60 APPLIC/60 GM OINT   |
| ZIPRASIDONE 20 MG/VIAL INJ                     |
| ZOLPIDEM 5 MG TABLET                           |
| Zonisamide 100 MG CAPSULE                      |

|                                                                |
|----------------------------------------------------------------|
| <b>Location: Katmai</b>                                        |
| Abilify Maintena 400 MG INJ                                    |
| ACETAMINOPHEN 325 MG TABLET                                    |
| ACETAMINOPHEN/hydroCODONE 325-10mg 1 COMB TABLET               |
| ACETAMINOPHEN/hydroCODONE 325-5mg 1 COMB TABLET                |
| allopurinol 300 MG TABLET                                      |
| AMANTADINE 100 MG CAPSULE                                      |
| amLODIPine 5 MG TABLET                                         |
| AMOXICILLIN 250 MG CAPSULE                                     |
| AMOXICILLIN-CLAVU 875/125 1 COMB TABLET                        |
| AMPHETAMINE MIXED SALTS ER* 10 MG CAP                          |
| Analgesic Topical Oint/Cr (Ben Gay Equiv) 28 APPLIC/28 GM OINT |
| ANTACID ORAL SUSPENSION 30 ML SUSP                             |
| Anticoagulant Drug Monograph 1 EA EA                           |
| ARIPiprazole 10 MG TABLET                                      |
| ARIPiprazole 15 MG TABLET                                      |
| ARIPiprazole 2 MG TABLET                                       |
| ARIPiprazole 20 MG TABLET                                      |
| ARIPiprazole 30 MG TABLET                                      |
| ARIPiprazole 5 MG TABLET                                       |
| Aristada 662 MG INJ                                            |
| Aristada 882 MG INJ                                            |
| Aristada Initio 675 MG INJ                                     |
| ARTIFICIAL TEARS 1 DROP/0.05 ML DROPERETTE                     |
| ASPIRIN EC 81 MG TABLET                                        |
| ATOMOXETINE 25 MG CAPSULE                                      |
| ATORVASTATIN 10 MG TABLET                                      |
| ATORVASTATIN 40 MG TABLET                                      |
| BACITRACIN OINTMENT PKT 1 APPLIC OINT                          |
| Baclofen 10 MG TABLET                                          |
| BENZOCAINE/MENTHOL LOZENGE 1 EA LOZENGE                        |
| BENZOYL PEROXIDE 10% TOP GEL/LOTION 45 APPLIC/45 GM GEL        |

|                                                          |
|----------------------------------------------------------|
| BENZOYL PEROXIDE 10% TOP WASH 142 APPLIC/142 GM CLEANSER |
| BENZTROPINE 0.5 MG TABLET                                |
| BENZTROPINE 1 MG TABLET                                  |
| BENZTROPINE 1 MG/ML INJ                                  |
| BENZTROPINE 2 MG TABLET                                  |
| bisacodyL 10 MG SUPP                                     |
| bisacodyL 5 MG TAB                                       |
| buPROPion XL 150 MG TABLET                               |
| buPROPion XL 300 MG TABLET                               |
| busPIRone 10 MG TABLET                                   |
| busPIRone 15 MG TABLET                                   |
| busPIRone 30 MG TABLET                                   |
| carvediloL 6.25 MG TABLET                                |
| cefaDROXiL 500 MG CAPSULE                                |
| cefTRIAXone INJECTION 1 GM INJ                           |
| cefTRIAXone INJECTION 250 MG INJ                         |
| cephALEXin 500 MG CAPSULE                                |
| CHLORHEXIDINE GLUC ORAL RINSE 15 ML MOUTHWASH            |
| chlorproMAZINE 100 MG TABLET                             |
| chlorproMAZINE 200 MG TABLET                             |
| chlorproMAZINE 25 MG TABLET                              |
| chlorproMAZINE 50 MG TABLET                              |
| chlorproMAZINE 50 MG/2 ML INJ                            |
| CITALOPRAM 10 MG TABLET                                  |
| CLINDAMYCIN 150 MG CAPSULE                               |
| Clobetasol Propionate 0.05% Cr 60 APPLIC/60 GM CR        |
| clonazePAM 0.5 MG TABLET                                 |
| clonazePAM 1 MG TABLET                                   |
| clonazePAM 2 MG TABLET                                   |
| cloNIDine 0.1 MG TABLET                                  |
| clopidogreL 75 MG TABLET                                 |
| CLOTRIMAZOLE 1% CREAM 28.35 APPLIC/28.35 GM CR           |

|                                                       |
|-------------------------------------------------------|
| cloZAPine 100 MG TABLET                               |
| cloZAPine 200 MG TABLET                               |
| cloZAPine 25 MG TABLET                                |
| cloZAPine 50 MG TABLET                                |
| CULTURELLE DIGESTIVE ADVANTAGE 1 EACH CAPSULE         |
| CYCLOBENZAPRINE 10 MG TABLET                          |
| CYCLOBENZAPRINE 5 MG TABLET                           |
| DEEP SEA NASAL SP 1 SPRAY/ 1 ML SPRAY                 |
| dexAMETHasone 0.5 MG TABLET                           |
| dilTIAZem ER 120 MG CAPSULE                           |
| diphenhydrAMINE 25 MG CAPSULE                         |
| diphenhydrAMINE 50 MG CAPSULE                         |
| diphenhydrAMINE 50 MG/ML INJ                          |
| DIVALPROEX DR 250 MG TABLET                           |
| DIVALPROEX DR 500 MG TABLET                           |
| Divalproex Sprinkle 125 MG CAPSULE                    |
| DOCUSATE SODIUM 100 MG CAPSULE                        |
| DONEPEZIL 10 MG TABLET                                |
| DONEPEZIL 5 MG TABLET                                 |
| DOXEPIN 10 MG CAPSULE                                 |
| DOXYCYCLINE 100 MG TABLET                             |
| DULoxetine DR 20 MG CAPSULE                           |
| DULoxetine DR 30 MG CAPSULE                           |
| DULoxetine DR 60 MG CAPSULE                           |
| ENSURE Dietary Suspension 1 CAN SUSP                  |
| EPI-PEN ADULT autoinjector 0.3 MG/0.3 ML PEN.INJCTR   |
| EPSOM SALT PWD 1 APPLIC/120 GM POWDER                 |
| ESCITALOPRAM 10 MG TABLET                             |
| ESCITALOPRAM 20 MG TABLET                             |
| ESCITALOPRAM 5 MG TABLET                              |
| FERROUS GLUCONATE 324 MG TABLET                       |
| FLUARIX QUAD 2021-2022 VACCINE 0.5 ML/SYRINGE SYRINGE |

|                                                       |
|-------------------------------------------------------|
| FLUARIX QUAD 2022-2023 SYRINGE 0.5 ML/SYRINGE SYRINGE |
| FLUCONAZOLE 150 MG TABLET                             |
| Fludrocortisone 0.1 MG TABLET                         |
| FLUoxetine 10 MG CAPSULE                              |
| FLUoxetine 20 MG CAPSULE                              |
| fluPHENAZine 10 MG TABLET                             |
| fluPHENAZine 2.5 MG/ML 10 ML INJ                      |
| fluPHENAZine 5 MG TABLET                              |
| fluPHENAZine decanoate 25 MG/ML 5 ML INJ              |
| FLUTICASONE NASAL SPRAY 120 SPRAYS/16 GM NASPR        |
| FuroSEMIDE 20 MG TABLET                               |
| GABAPENTIN 300 MG CAPSULE                             |
| GABAPENTIN 400 MG CAPSULE                             |
| GABAPENTIN 600 MG TABLET                              |
| GELUSIL CHEWABLE TABLET 1 COMB TABLET                 |
| gliPiZIDE ER 5 MG TABLET                              |
| guaifENesin Oral Syrup 100 MG/5 ML SYRUP              |
| guanFACINE ER 1 MG TAB.ER.24H                         |
| haloperidoL 1 MG TABLET                               |
| haloperidoL 10 MG TABLET                              |
| haloperidoL 5 MG TABLET                               |
| HALOPERIDOL 5 MG/ML INJ                               |
| HALOPERIDOL DECANOATE 100 MG/ML INJ                   |
| HALOPERIDOL ORAL CONC 10 MG/5 ML ORAL.CONC            |
| HumaLOG (Lispro) INSULIN 100 UNITS/ML VIAL            |
| HYDROCERIN CREAM 113 APPLIC/113 GM CR                 |
| hydroCHLORothiazide 12.5 MG CAPSULE                   |
| HYDROCORTISONE 1% CREAM 28 APPLIC/28 GM CR            |
| HYDROCORTISONE 1% OINT 30 APPLIC/30 GM OINT           |
| hydrOXYzine 25 MG TAB                                 |
| hydrOXYzine 50 MG TAB                                 |
| hydrOXYzine INJ 25 MG/ML INJ                          |

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|-----------------------------------------------------|
| IBUPROFEN 200 MG TABLET                             |
| INGREZZA 40 MG CAPSULE                              |
| INGREZZA 60 MG CAPSULE                              |
| INSULIN HUMAN REGULAR (HUMULIN R) 100 UNITS/ML VIAL |
| INVEGA SUSTENNA 156 MG/1 ML INJ                     |
| INVEGA SUSTENNA 234 MG/1.5 ML INJ                   |
| Lacosamide 100 MG TABLET                            |
| LACTASE 9000 UNITS TABLET                           |
| LACTULOSE LIQUID 15 ML SOLUTION                     |
| lamoTRIgine 100 MG TABLET                           |
| lamoTRIgine 25 MG TABLET                            |
| LANTUS (glargine) INSULIN 100 UNITS/1 ML VIAL       |
| LATUDA 40 MG TABLET                                 |
| LATUDA 60 MG TABLET                                 |
| LATUDA 80 MG TABLET                                 |
| levETIRAcetam 500 MG TABLET                         |
| levoFLOXacin 250 MG TABLET                          |
| LEVOTHYROXINE 100 MCG TABLET                        |
| LEVOTHYROXINE 25 MCG TABLET                         |
| LEVOTHYROXINE 50 MCG TABLET                         |
| LEVOTHYROXINE 75 MCG TABLET                         |
| LIDOCAINE TRANSDERMAL 5% PATCH 1 PATCH PATCH        |
| <b>LIP BALM (CHAPSTICK EQUIV) 1 APPLIC OINT</b>     |
| lisinopriL 10 MG TABLET                             |
| lisinopriL 20 MG TABLET                             |
| lisinopriL 5 MG TABLET                              |
| LITHIUM CARBONATE 300 MG CAPSULE                    |
| LITHIUM CARBONATE ER* 300 MG TABLET                 |
| LITHIUM CARBONATE ER* 450 MG TABLET                 |
| LOPERAMIDE 2 MG CAPSULE                             |
| LORATADINE 10 MG TABLET                             |
| LORazepam 0.5 MG TABLET                             |

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|--------------------------------------------------------|
| LORazepam 1 MG TABLET                                  |
| LORazepam 2 MG TABLET                                  |
| LORazepam 2 MG/ML INJ                                  |
| LOSARTAN 25 MG TABLET                                  |
| LOSARTAN 50 MG TABLET                                  |
| Loxapine 25 MG CAPSULE                                 |
| Loxapine 50 MG CAPSULE                                 |
| Meclizine 25 MG TAB                                    |
| MELATONIN 3 MG TABLET                                  |
| MEMANTINE 5 MG TABLET                                  |
| metFORMIN 500 MG TABLET                                |
| Methadone 10 MG TABLET                                 |
| METHYLPHENIDATE 5 MG TABLET                            |
| Methylphenidate ER 18 MG TABLET                        |
| Methylphenidate ER 36 MG TABLET                        |
| METOPROLOL ER 25 MG TABLET                             |
| METOPROLOL ER 50 MG TABLET                             |
| metroNIDAZOLE 250 MG TABLET                            |
| MIRTAZAPINE 15 MG TABLET                               |
| MONOPHASIC BIRTH CONTROL EQUIV (0.1-0.02MG) 1 COMB TAB |
| MONTELUKAST SODIUM 10 MG TABLET                        |
| MUPIROCIN 2% OINTMENT 22 APPLIC/ 22 GM OINT            |
| NALTREXONE 50 MG TABLET                                |
| NICORETTE LOZENGE 2 MG LOZNG.MINI                      |
| NICOTINE TRANSDERM PATCH 14 MG PATCH                   |
| NICOTINE TRANSDERM PATCH 21 MG PATCH                   |
| NICOTINE TRANSDERM PATCH 7 MG PATCH                    |
| NITROFURANTOIN MONOHYDRATE-MAC 100 MG CAPSULE          |
| NITROGLYCERIN SL 0.4 MG TABLET                         |
| OFLOXACIN OPH SOLUTION 0.3% 100 DROPS/5 ML DROPS       |
| OLANZapine 10 MG TABLET                                |
| OLANZapine 10 MG/VIAL INJ                              |

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|-----------------------------------------------------------|
| OLANZapine 15 MG TABLET                                   |
| OLANZapine 20 MG TABLET                                   |
| OLANZapine 5 MG TABLET                                    |
| OLANZapine 7.5 MG TABLET                                  |
| OLANZapine ODT 10 MG TAB.ODT                              |
| OLANZapine ODT 15 MG TAB.ODT                              |
| OLANZapine ODT 20 MG TAB.ODT                              |
| OLANZapine ODT 5 MG TAB.ODT                               |
| Olopatadine Oph Soln 0.1% 100 DROPS/5 ML DROPS            |
| OMEGA-3 FATTY ACIDS 1000 MG CAPSULE                       |
| ONDANSETRON ODT 4 MG TABLET                               |
| ORAJEL EQUIV 15 APPLIC/15 GM GEL                          |
| OXcarbazepine 300 MG TABLET                               |
| oxyCODONE CR 10 MG TAB                                    |
| PANTOPRAZOLE ER 40 MG TABLET                              |
| PARoxetine 10 MG TABLET                                   |
| Patch Removal Verification 1 EA EA                        |
| PERMETHRIN 1% LOTION 1 APPLIC/60 ML LOTION                |
| PERMETHRIN 5% TOPICAL CREAM 1 APPLIC/60 GM CR             |
| PFIZER COVID BIVAL(12Y UP)-EUA 30 MCG/0.3 ML VIAL         |
| PFIZER COVID-19 VACCINE (EUA) 30 MCG/0.3 ML VIAL          |
| polyethylene glycoL 3350 1 PKT PKT                        |
| POLYETHYLENE GLYCOL 3350 238GM BOTTLE 15 ML/ 17 GM POWDER |
| Polymyxin B/Trimethoprim Eye Drops 200 DROPS/10 ML DROPS  |
| PRADAXA 150 MG CAPSULE                                    |
| Pramipexole 0.25 MG TABLET                                |
| PRAZOSIN 1 MG CAPSULE                                     |
| PRAZOSIN 2 MG CAPSULE                                     |
| PRAZOSIN 5 MG CAPSULE                                     |
| PRENATAL RX TAB 1 COMB TABLET                             |
| PROPRANOLOL 10 MG TABLET                                  |
| PROPRANOLOL 20 MG TABLET                                  |

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|--------------------------------------------------------|
| PROPRANOLOL LA 60 MG CAPSULE                           |
| PSYLLIUM FIBER POWDER PKT 1 PKT PKT                    |
| PUMICE STONE 1 APPL EACH                               |
| QUetiapine 100 MG TABLET                               |
| QUetiapine 200 MG TABLET                               |
| QUetiapine 25 MG TABLET                                |
| QUetiapine 300 MG TABLET                               |
| QUetiapine 400 MG TABLET                               |
| QUetiapine 50 MG TABLET                                |
| REXULTI 1 MG TABLET                                    |
| REXULTI 2 MG TABLET                                    |
| REXULTI 4 MG TABLET                                    |
| RisperDAL Consta 25 MG/2 ML INJ                        |
| RisperDAL Consta 37.5 MG/2 ML INJ                      |
| RisperDAL Consta 50 MG/2 ML INJ                        |
| risperiDONE 0.5 MG TABLET                              |
| risperiDONE 1 MG TABLET                                |
| risperiDONE 2 MG TABLET                                |
| risperiDONE 3 MG TABLET                                |
| risperiDONE 4 MG TABLET                                |
| risperiDONE ODT 1 MG TAB.ODT                           |
| risperiDONE ODT 2 MG TAB.ODT                           |
| risperiDONE ODT 3 MG TAB.ODT                           |
| risperiDONE ODT 4 MG TAB.ODT                           |
| SALMETEROL/FLUTICASONE 14mcg/113mcg 60 PUFFS/UNIT AERP |
| SAPHRIS 5 MG TAB.SUBL                                  |
| SELENIUM SULFIDE 1% SHAMPOO 1 APPLIC/5 ML SUSPENSION   |
| SENNA 8.6 MG TABLET                                    |
| SERTRALINE 100 MG TABLET                               |
| SERTRALINE 25 MG TABLET                                |
| SERTRALINE 50 MG TABLET                                |
| SPIRONOLACTONE 25 MG TABLET                            |

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|-----------------------------------------------------------|
| SULFAMETHOXAZOLE/TRIMETHOPRIM DS* 1 COMB TABLET           |
| SULINDAC 150 MG TABLET                                    |
| SUMAtriptan 50 MG TABLET                                  |
| TAMSULOSIN 0.4 MG CAPSULE                                 |
| <b>TED ANTI-EMBOLISM STOCKING - THIGH HIGH 1 PKG EACH</b> |
| THERA M PLUS TABLET 1 COMB TABLET                         |
| THIAMINE 100 MG TABLET                                    |
| THIAMINE 100 MG/ML 2 ML INJ                               |
| traZODone 100 MG TABLET                                   |
| traZODone 150 MG TABLET                                   |
| traZODone 50 MG TABLET                                    |
| TRIAMCINOLONE ACET 0.1% OINT 80 APPLIC/80 GM OINT         |
| Trihexyphenidyl 5 MG TABLET                               |
| Trintellix 10 MG TABLET                                   |
| TUBersoL 0.1 ML/5 TU INJ                                  |
| Urea 20% Cream 85 APPLIC/85 GM CR                         |
| valACYclovir 500 MG TABLET                                |
| VALPROIC ACID SYRUP 250 MG/5 ML SYRUP                     |
| VENLAFAXINE ER 150 MG CAPSULE                             |
| VENLAFAXINE ER 37.5 MG CAPSULE                            |
| VENLAFAXINE ER 75 MG CAPSULE                              |
| VENTOLIN HFA 60 PUFF/8 GM AEROSOL                         |
| VITAMIN B COMPLEX W/VIT C 1 COMB TABLET                   |
| VITAMIN B6 -PYRIDOXINE 50 MG TABLET                       |
| VITAMIN C 500 MG TABLET                                   |
| VITAMIN D (D3) 1000 UNIT TAB                              |
| VITAMIN E 400 IU CAPSULE                                  |
| VivitroL 380 MG SUS.ER.REC                                |
| VRAYLAR 1.5 MG CAPSULE                                    |
| VRAYLAR 3 MG CAPSULE                                      |
| VRAYLAR 4.5 MG CAPSULE                                    |
| WHITE PETROLATUM OINTMENT 28 APPLIC/28 GM OINT            |

|                                   |
|-----------------------------------|
| WITCHHAZEL TOPICAL PADS 1 PAD PAD |
| ZIPRASIDONE 20 MG CAPSULE         |
| ZIPRASIDONE 20 MG/VIAL INJ        |
| ZIPRASIDONE 40 MG CAPSULE         |
| ZIPRASIDONE 60 MG CAPSULE         |
| ZIPRASIDONE 80 MG CAPSULE         |

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| <b>Location: Taku</b>                                    |
| ACETAMINOPHEN 325 MG TABLET                              |
| ACETAMINOPHEN/hydroCODONE 325-5mg 1 COMB TABLET          |
| AMOXICILLIN-CLAVU 875/125 1 COMB TABLET                  |
| AMPHETAMINE MIXED SALTS ER* 10 MG CAP                    |
| ANTACID ORAL SUSPENSION 30 ML SUSP                       |
| ARIPiprazole 10 MG TABLET                                |
| ARIPiprazole 15 MG TABLET                                |
| ARIPiprazole 2 MG TABLET                                 |
| ARIPiprazole 20 MG TABLET                                |
| ARIPiprazole 30 MG TABLET                                |
| ARIPiprazole 5 MG TABLET                                 |
| Aristada 882 MG INJ                                      |
| Aristada Initio 675 MG INJ                               |
| ARTIFICIAL TEARS 1 DROP/0.05 ML DROPERETTE               |
| ATORVASTATIN 40 MG TABLET                                |
| BACITRACIN OINTMENT PKT 1 APPLIC OINT                    |
| BENZOCAINE/MENTHOL LOZENGE 1 EA LOZENGE                  |
| BENZOYL PEROXIDE 10% TOP WASH 142 APPLIC/142 GM CLEANSER |
| BENZTROPINE 0.5 MG TABLET                                |
| BENZTROPINE 1 MG TABLET                                  |
| BENZTROPINE 1 MG/ML INJ                                  |
| BENZTROPINE 2 MG TABLET                                  |
| bisacodyL 10 MG SUPP                                     |
| buPROPion XL 150 MG TABLET                               |
| buPROPion XL 300 MG TABLET                               |
| busPIRone 15 MG TABLET                                   |
| busPIRone 30 MG TABLET                                   |
| busPIRone 5 MG TABLET                                    |
| CARBAMIDE PEROXIDE OTIC 6.5% 300 DROP/ 15ML DROPS        |
| CHLORHEXIDINE GLUC ORAL RINSE 15 ML MOUTHWASH            |
| chlorproMAZINE 100 MG TABLET                             |

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| chlorproMAZINE 50 MG TABLET                           |
| chlorproMAZINE 50 MG/2 ML INJ                         |
| CITALOPRAM 10 MG TABLET                               |
| clonazePAM 1 MG TABLET                                |
| cloNIDine 0.1 MG TABLET                               |
| CLOTRIMAZOLE 1% CREAM 28.35 APPLIC/28.35 GM CR        |
| cloZAPine 100 MG TABLET                               |
| cloZAPine 200 MG TABLET                               |
| cloZAPine 50 MG TABLET                                |
| CULTURELLE DIGESTIVE ADVANTAGE 1 EACH CAPSULE         |
| DEEP SEA NASAL SP 1 SPRAY/ 1 ML SPRAY                 |
| diphenhydrAMINE 25 MG CAPSULE                         |
| diphenhydrAMINE 50 MG CAPSULE                         |
| diphenhydrAMINE 50 MG/ML INJ                          |
| DIVALPROEX DR 250 MG TABLET                           |
| DIVALPROEX DR 500 MG TABLET                           |
| DOCUSATE SODIUM 100 MG CAPSULE                        |
| DOXYCYCLINE 100 MG TABLET                             |
| DULoxetine DR 30 MG CAPSULE                           |
| DULoxetine DR 60 MG CAPSULE                           |
| <b>EPSOM SALT PWD 1 APPLIC/120 GM POWDER</b>          |
| FAMOtidine 20 MG TABLET                               |
| FLUARIX QUAD 2021-2022 VACCINE 0.5 ML/SYRINGE SYRINGE |
| FLUARIX QUAD 2022-2023 SYRINGE 0.5 ML/SYRINGE SYRINGE |
| FLUCONAZOLE 150 MG TABLET                             |
| FLUoxetine 10 MG CAPSULE                              |
| FLUoxetine 20 MG CAPSULE                              |
| fluPHENAZine 5 MG TABLET                              |
| fluPHENAZine decanoate 25 MG/ML 5 ML INJ              |
| FLUTICASONE NASAL SPRAY 120 SPRAYS/16 GM NASPR        |
| GABAPENTIN 300 MG CAPSULE                             |
| GELUSIL CHEWABLE TABLET 1 COMB TABLET                 |

|                                               |
|-----------------------------------------------|
| haloperidoL 5 MG TABLET                       |
| HALOPERIDOL 5 MG/ML INJ                       |
| HumaLOG (Lispro) INSULIN 100 UNITS/ML VIAL    |
| HYDROCERIN CREAM 113 APPLIC/113 GM CR         |
| hydroCHLORothiazide 12.5 MG CAPSULE           |
| HYDROCORTISONE 1% CREAM 28 APPLIC/28 GM CR    |
| HYDROCORTISONE 1% OINT 30 APPLIC/30 GM OINT   |
| hydrOXYzine 50 MG TAB                         |
| IBUPROFEN 200 MG TABLET                       |
| LACTASE 9000 UNITS TABLET                     |
| LANTUS (glargine) INSULIN 100 UNITS/1 ML VIAL |
| LATUDA 40 MG TABLET                           |
| LATUDA 60 MG TABLET                           |
| LATUDA 80 MG TABLET                           |
| LEVOTHYROXINE 25 MCG TABLET                   |
| LIDOCAINE TRANSDERMAL 5% PATCH 1 PATCH PATCH  |
| LIP BALM (CHAPSTICK EQUIV) 1 APPLIC OINT      |
| lisinopriL 20 MG TABLET                       |
| LITHIUM CARBONATE ER* 450 MG TABLET           |
| LOPERAMIDE 2 MG CAPSULE                       |
| LORATADINE 10 MG TABLET                       |
| LORazepam 1 MG TABLET                         |
| LORazepam 2 MG TABLET                         |
| LORazepam 2 MG/ML INJ                         |
| MELATONIN 3 MG TABLET                         |
| metFORMIN 500 MG TABLET                       |
| methIMazole 5 MG TABLET                       |
| METOPROLOL ER 50 MG TABLET                    |
| MILK OF MAGNESIA 2400MG/30ML 30 ML ORAL.SUSP  |
| MIRTAZAPINE 15 MG TABLET                      |
| MUPIROCIN 2% OINTMENT 22 APPLIC/ 22 GM OINT   |
| NALTREXONE 50 MG TABLET                       |

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|----------------------------------------------------------|
| OLANZapine 10 MG TABLET                                  |
| OLANZapine 10 MG/VIAL INJ                                |
| OLANZapine 15 MG TABLET                                  |
| OLANZapine 20 MG TABLET                                  |
| OLANZapine 5 MG TABLET                                   |
| OLANZapine ODT 10 MG TAB.ODT                             |
| OLANZapine ODT 20 MG TAB.ODT                             |
| OLANZapine ODT 5 MG TAB.ODT                              |
| Olopatadine Opth Soln 0.1% 100 DROPS/5 ML DROPS          |
| OMEGA-3 FATTY ACIDS 1000 MG CAPSULE                      |
| ONDANSETRON ODT 4 MG TABLET                              |
| ORAJEL EQUIV 15 APPLIC/15 GM GEL                         |
| OXcarbazepine 300 MG TABLET                              |
| OXcarbazepine 600 MG TABLET                              |
| PANTOPRAZOLE ER 40 MG TABLET                             |
| Patch Removal Verification 1 EA EA                       |
| PENICILLIN VK 250 MG TABLET                              |
| PFIZER COVID BIVAL(12Y UP)-EUA 30 MCG/0.3 ML VIAL        |
| PFIZER COVID-19 VACCINE (EUA) 30 MCG/0.3 ML VIAL         |
| polyethylene glycoL 3350 1 PKT PKT                       |
| Polymyxin B/Trimethoprim Eye Drops 200 DROPS/10 ML DROPS |
| PRAZOSIN 1 MG CAPSULE                                    |
| PROPRANOLOL 10 MG TABLET                                 |
| PUMICE STONE 1 APPL EACH                                 |
| QUetiapine 100 MG TABLET                                 |
| QUetiapine 200 MG TABLET                                 |
| QUetiapine 300 MG TABLET                                 |
| QUetiapine 400 MG TABLET                                 |
| QUetiapine 50 MG TABLET                                  |
| RisperDAL Consta 50 MG/2 ML INJ                          |
| risperiDONE 1 MG TABLET                                  |
| risperiDONE 2 MG TABLET                                  |

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|--------------------------------------------------------|
| risperiDONE 3 MG TABLET                                |
| risperiDONE 4 MG TABLET                                |
| risperiDONE ODT 2 MG TAB.ODT                           |
| risperiDONE ODT 3 MG TAB.ODT                           |
| risperiDONE ODT 4 MG TAB.ODT                           |
| SALMETEROL/FLUTICASONE 14mcg/113mcg 60 PUFFS/UNIT AERP |
| SELENIUM SULFIDE 1% SHAMPOO 1 APPLIC/5 ML SUSPENSION   |
| SERTRALINE 50 MG TABLET                                |
| THERA M PLUS TABLET 1 COMB TABLET                      |
| Tolnaftate 1% Powder 45 APPLIC/45 GM POWDER            |
| traZODone 100 MG TABLET                                |
| traZODone 50 MG TABLET                                 |
| TRIAMCINOLONE ACET 0.1% OINT 80 APPLIC/80 GM OINT      |
| TUBErsoL 0.1 ML/5 TU INJ                               |
| valACYclovir 500 MG TABLET                             |
| VALPROIC ACID SYRUP 250 MG/5 ML SYRUP                  |
| VENTOLIN HFA 60 PUFF/8 GM AEROSOL                      |
| VITAMIN B-12 1000 MCG TABLET                           |
| VITAMIN D (D3) 1000 UNIT TAB                           |
| VITAMIN E 400 IU CAPSULE                               |
| WHITE PETROLATUM OINTMENT 28 APPLIC/28 GM OINT         |
| WITCHHAZEL TOPICAL PADS 1 PAD PAD                      |
| ZIPRASIDONE 40 MG CAPSULE                              |
| ZIPRASIDONE 80 MG CAPSULE                              |

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|----------------------------------------------------------------|
| <b>Location: Susitna</b>                                       |
| Abilify Maintena 400 MG INJ                                    |
| ACETAMINOPHEN 325 MG TABLET                                    |
| ACETAMINOPHEN/hydroCODONE 325-5mg 1 COMB TABLET                |
| ALBUTEROL 2.5 MG/3 ML NEBU                                     |
| AMANTADINE 100 MG CAPSULE                                      |
| amLODIPine 5 MG TABLET                                         |
| AMOXICILLIN 250 MG CAPSULE                                     |
| AMOXICILLIN-CLAVU 875/125 1 COMB TABLET                        |
| AMPHETAMINE MIXED SALTS ER* 10 MG CAP                          |
| Analgesic Topical Oint/Cr (Ben Gay Equiv) 28 APPLIC/28 GM OINT |
| ANTACID ORAL SUSPENSION 30 ML SUSP                             |
| Anticoagulant Drug Monograph 1 EA EA                           |
| ARIPiprazole 10 MG TABLET                                      |
| ARIPiprazole 15 MG TABLET                                      |
| ARIPiprazole 2 MG TABLET                                       |
| ARIPiprazole 20 MG TABLET                                      |
| ARIPiprazole 30 MG TABLET                                      |
| ARIPiprazole 5 MG TABLET                                       |
| Aristada 1064 MG INJ                                           |
| Aristada 441 MG INJ                                            |
| Aristada 662 MG INJ                                            |
| Aristada 882 MG INJ                                            |
| Aristada Initio 675 MG INJ                                     |
| ARTIFICIAL TEARS 1 DROP/0.05 ML DROPERETTE                     |
| ASPIRIN EC 81 MG TABLET                                        |
| ATOMOXETINE 25 MG CAPSULE                                      |
| ATORVASTATIN 10 MG TABLET                                      |
| ATORVASTATIN 40 MG TABLET                                      |
| BACITRACIN OINTMENT PKT 1 APPLIC OINT                          |
| Baclofen 10 MG TABLET                                          |
| BENZOCAINE/MENTHOL LOZENGE 1 EA LOZENGE                        |

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|----------------------------------------------------------|
| BENZOYL PEROXIDE 10% TOP GEL/LOTION 45 APPLIC/45 GM GEL  |
| BENZOYL PEROXIDE 10% TOP WASH 142 APPLIC/142 GM CLEANSER |
| BENZTROPINE 0.5 MG TABLET                                |
| BENZTROPINE 1 MG TABLET                                  |
| BENZTROPINE 1 MG/ML INJ                                  |
| bisacodyL 10 MG SUPP                                     |
| bisacodyL 5 MG TAB                                       |
| BUPRENORPHINE-NALOXONE 4-1MG FILM 1 COMB FILM            |
| BUPRENORPHINE-NALOXONE 8-2 MG SL Film 1 COMB FILM        |
| buPROPion XL 150 MG TABLET                               |
| buPROPion XL 300 MG TABLET                               |
| busPIRone 10 MG TABLET                                   |
| busPIRone 15 MG TABLET                                   |
| busPIRone 30 MG TABLET                                   |
| busPIRone 5 MG TABLET                                    |
| CALCIUM 500+D 200IU TABLET 1 COMB TABLET                 |
| CARBAMIDE PEROXIDE OTIC 6.5% 300 DROP/ 15ML DROPS        |
| Carbidopa/Levodopa 1 COMB TABLET                         |
| carvediloL 6.25 MG TABLET                                |
| cefaDROXiL 500 MG CAPSULE                                |
| cefTRIAXone INJECTION 1 GM INJ                           |
| cephALEXiN 500 MG CAPSULE                                |
| chlorproMAZINE 100 MG TABLET                             |
| chlorproMAZINE 200 MG TABLET                             |
| chlorproMAZINE 25 MG TABLET                              |
| chlorproMAZINE 50 MG TABLET                              |
| chlorproMAZINE 50 MG/2 ML INJ                            |
| CIPROFLOXACIN 500 MG TABLET                              |
| CITALOPRAM 10 MG TABLET                                  |
| CITROMA 296 ML SOLUTION                                  |
| CLINDAMYCIN 150 MG CAPSULE                               |
| Clindamycin Topical Pads 1 PAD PAD                       |

|                                                            |
|------------------------------------------------------------|
| clonazepam 0.5 MG TABLET                                   |
| clonazepam 1 MG TABLET                                     |
| clonazepam 2 MG TABLET                                     |
| clonidine 0.1 MG TABLET                                    |
| clopidogrel 75 MG TABLET                                   |
| CLOTTRIMAZOLE 1% CREAM 28.35 APPLIC/28.35 GM CR            |
| CLOTTRIMAZOLE 1% VAGINAL CREAM 7 APPLIC/45 GM CR           |
| clozapine 100 MG TABLET                                    |
| clozapine 200 MG TABLET                                    |
| clozapine 25 MG TABLET                                     |
| clozapine 50 MG TABLET                                     |
| Colchicine 0.6 MG CAP                                      |
| <b>CONTACT LENS MULTIPURPOSE SOLN 100 DROPS/5 ML DROPS</b> |
| CULTURELLE DIGESTIVE ADVANTAGE 1 EACH CAPSULE              |
| CYCLOBENZAPRINE 10 MG TABLET                               |
| CYCLOBENZAPRINE 5 MG TABLET                                |
| DEEP SEA NASAL SP 1 SPRAY/ 1 ML SPRAY                      |
| diazepam 5 MG TABLET                                       |
| diphenhydramine 25 MG CAPSULE                              |
| diphenhydramine 50 MG CAPSULE                              |
| diphenhydramine 50 MG/ML INJ                               |
| DIVALPROEX DR 250 MG TABLET                                |
| DIVALPROEX DR 500 MG TABLET                                |
| DOCUSATE SODIUM 100 MG CAPSULE                             |
| DONEPEZIL 10 MG TABLET                                     |
| DONEPEZIL 5 MG TABLET                                      |
| DOXEPIN 10 MG CAPSULE                                      |
| DOXEPIN 25 MG CAPSULE                                      |
| DOXYCYCLINE 100 MG TABLET                                  |
| DULoxetine DR 30 MG CAPSULE                                |
| DULoxetine DR 60 MG CAPSULE                                |
| <b>ENSURE Dietary Suspension 1 CAN SUSP</b>                |

|                                                       |
|-------------------------------------------------------|
| <b>EPSOM SALT PWD 1 APPLIC/120 GM POWDER</b>          |
| Erythromycin Base Ophthalmic 30 APPLIC/3.5 GM OINT    |
| ESCITALOPRAM 10 MG TABLET                             |
| <b>Estrogens/Progesterone Drug Monograph 1 EA EA</b>  |
| FAMOTidine 20 MG TABLET                               |
| FERROUS GLUCONATE 324 MG TABLET                       |
| Finasteride 5 MG TABLET                               |
| FLUARIX QUAD 2021-2022 VACCINE 0.5 ML/SYRINGE SYRINGE |
| FLUARIX QUAD 2022-2023 SYRINGE 0.5 ML/SYRINGE SYRINGE |
| FLUoxetine 20 MG CAPSULE                              |
| fluPHENAZine 5 MG TABLET                              |
| fluPHENAZine decanoate 25 MG/ML 5 ML INJ              |
| FLUTICASONE NASAL SPRAY 120 SPRAYS/16 GM NASPR        |
| Fluvoxamine 100 MG TABLET                             |
| FOLIC ACID 1 MG TABLET                                |
| FuroSEMIDE 20 MG TABLET                               |
| GABAPENTIN 100 MG CAPSULE                             |
| GABAPENTIN 300 MG CAPSULE                             |
| GABAPENTIN 400 MG CAPSULE                             |
| GABAPENTIN 600 MG TABLET                              |
| GELUSIL CHEWABLE TABLET 1 COMB TABLET                 |
| glipizIDE ER 5 MG TABLET                              |
| haloperidol 1 MG TABLET                               |
| haloperidol 10 MG TABLET                              |
| haloperidol 5 MG TABLET                               |
| HALOPERIDOL 5 MG/ML INJ                               |
| HALOPERIDOL DECANOATE 100 MG/ML INJ                   |
| HumaLOG (Lispro) INSULIN 100 UNITS/ML VIAL            |
| HYDROCERIN CREAM 113 APPLIC/113 GM CR                 |
| hydroCHLOROthiazide 12.5 MG CAPSULE                   |
| HYDROCORTISONE 1% CREAM 28 APPLIC/28 GM CR            |
| HYDROCORTISONE 1% OINT 30 APPLIC/30 GM OINT           |

|                                                    |
|----------------------------------------------------|
| hydrOXYzine 25 MG TAB                              |
| hydrOXYzine 50 MG TAB                              |
| IBUPROFEN 200 MG TABLET                            |
| INGREZZA 40 MG CAPSULE                             |
| INVEGA SUSTENNA 156 MG/1 ML INJ                    |
| INVEGA SUSTENNA 234 MG/1.5 ML INJ                  |
| IPRATROPIUM BR NEBULIZER SOLN 0.5 MG/2.5 ML NEBU   |
| JANSSEN COVID19 VACC (EUA) 0.5 ML/0.2 VIAL INJ     |
| LACTASE 9000 UNITS TABLET                          |
| LACTULOSE LIQUID 15 ML SOLUTION                    |
| lamoTRigine 100 MG TABLET                          |
| lamoTRigine 25 MG TABLET                           |
| Latanoprost Opth Soln 0.005% 50 DROPS/2.5 ML DROPS |
| LATUDA 40 MG TABLET                                |
| LATUDA 60 MG TABLET                                |
| LATUDA 80 MG TABLET                                |
| levETIRAcetam 500 MG TABLET                        |
| LEVOTHYROXINE 100 MCG TABLET                       |
| LEVOTHYROXINE 25 MCG TABLET                        |
| LEVOTHYROXINE 50 MCG TABLET                        |
| LEVOTHYROXINE 75 MCG TABLET                        |
| LIDOCAINE TRANSDERMAL 4% PATCH-OTC 1 PATCH PATCH   |
| LIDOCAINE TRANSDERMAL 5% PATCH 1 PATCH PATCH       |
| LIP BALM (CHAPSTICK EQUIV) 1 APPLIC OINT           |
| lisinopriL 10 MG TABLET                            |
| lisinopriL 20 MG TABLET                            |
| lisinopriL 5 MG TABLET                             |
| LITHIUM CARBONATE 300 MG CAPSULE                   |
| LITHIUM CARBONATE ER* 300 MG TABLET                |
| LITHIUM CARBONATE ER* 450 MG TABLET                |
| LOPERAMIDE 2 MG CAPSULE                            |
| LORATADINE 10 MG TABLET                            |

|                                                        |
|--------------------------------------------------------|
| LORazepam 0.5 MG TABLET                                |
| LORazepam 1 MG TABLET                                  |
| LORazepam 2 MG TABLET                                  |
| LORazepam 2 MG/ML INJ                                  |
| LOSARTAN 25 MG TABLET                                  |
| LOSARTAN 50 MG TABLET                                  |
| Magnesium Oxide 400 MG TABLET                          |
| MELATONIN 3 MG TABLET                                  |
| metFORMIN 500 MG TABLET                                |
| METOPROLOL ER 25 MG TABLET                             |
| METOPROLOL ER 50 MG TABLET                             |
| metroNIDAZOLE 0.75% Cr 45 APPLIC/45 GM CR              |
| metroNIDAZOLE 250 MG TABLET                            |
| MILK OF MAGNESIA 2400MG/30ML 30 ML ORAL.SUSP           |
| MIRTAZAPINE 15 MG TABLET                               |
| Molnupavir (EUA) 200 MG CAPSULE                        |
| MONOPHASIC BIRTH CONTROL EQUIV (0.1-0.02MG) 1 COMB TAB |
| MONTELUKAST SODIUM 10 MG TABLET                        |
| MUPIROCIN 2% OINTMENT 22 APPLIC/ 22 GM OINT            |
| NALTREXONE 50 MG TABLET                                |
| NICORETTE LOZENGE 2 MG LOZNG.MINI                      |
| NICOTINE TRANSDERM PATCH 14 MG PATCH                   |
| NICOTINE TRANSDERM PATCH 21 MG PATCH                   |
| NICOTINE TRANSDERM PATCH 7 MG PATCH                    |
| NITROFURANTOIN MONOHYDRATE-MAC 100 MG CAPSULE          |
| NITROGLYCERIN SL 0.4 MG TABLET                         |
| NYSTATIN 500000 UNITS/5 ML ORAL.SUSP                   |
| OFLOXACIN OPH SOLUTION 0.3% 100 DROPS/5 ML DROPS       |
| OLANZapine 10 MG TABLET                                |
| OLANZapine 10 MG/VIAL INJ                              |
| OLANZapine 15 MG TABLET                                |
| OLANZapine 20 MG TABLET                                |

|                                                           |
|-----------------------------------------------------------|
| OLANzapine 5 MG TABLET                                    |
| OLANzapine ODT 10 MG TAB.ODT                              |
| OLANzapine ODT 15 MG TAB.ODT                              |
| OLANzapine ODT 20 MG TAB.ODT                              |
| OLANzapine ODT 5 MG TAB.ODT                               |
| Olopatadine Opth Soln 0.1% 100 DROPS/5 ML DROPS           |
| OMEGA-3 FATTY ACIDS 1000 MG CAPSULE                       |
| ONDANSETRON ODT 4 MG TABLET                               |
| ORAJEL EQUIV 15 APPLIC/15 GM GEL                          |
| OXcarbazepine 300 MG TABLET                               |
| OXcarbazepine 600 MG TABLET                               |
| oxyCODONE CR 10 MG TAB                                    |
| PANTOPRAZOLE ER 40 MG TABLET                              |
| PARoxetine 10 MG TABLET                                   |
| Patch Removal Verification 1 EA EA                        |
| PERMETHRIN 1% LOTION 1 APPLIC/60 ML LOTION                |
| PERMETHRIN 5% TOPICAL CREAM 1 APPLIC/60 GM CR             |
| PERPHENAZINE 4 MG TABLET                                  |
| PFIZER COVID BIVAL(12Y UP)-EUA 30 MCG/0.3 ML VIAL         |
| PFIZER COVID-19 VACCINE (EUA) 30 MCG/0.3 ML VIAL          |
| polyethylene glycol 3350 1 PKT PKT                        |
| POLYETHYLENE GLYCOL 3350 238GM BOTTLE 15 ML/ 17 GM POWDER |
| POTASSIUM CHLORIDE ER 10 MEQ TAB                          |
| PRADAXA 150 MG CAPSULE                                    |
| PRAZOSIN 1 MG CAPSULE                                     |
| PRAZOSIN 2 MG CAPSULE                                     |
| PRAZOSIN 5 MG CAPSULE                                     |
| PRENATAL RX TAB 1 COMB TABLET                             |
| PROPRANOLOL 10 MG TABLET                                  |
| PROPRANOLOL 20 MG TABLET                                  |
| PROPRANOLOL LA 60 MG CAPSULE                              |
| PUMICE STONE 1 APPL EACH                                  |

|                                                        |
|--------------------------------------------------------|
| QUetiapine 100 MG TABLET                               |
| QUetiapine 200 MG TABLET                               |
| QUetiapine 25 MG TABLET                                |
| QUetiapine 300 MG TABLET                               |
| QUetiapine 400 MG TABLET                               |
| QUetiapine 50 MG TABLET                                |
| RisperDAL Consta 25 MG/2 ML INJ                        |
| RisperDAL Consta 37.5 MG/2 ML INJ                      |
| RisperDAL Consta 50 MG/2 ML INJ                        |
| risperiDONE 0.5 MG TABLET                              |
| risperiDONE 1 MG TABLET                                |
| risperiDONE 2 MG TABLET                                |
| risperiDONE 3 MG TABLET                                |
| risperiDONE 4 MG TABLET                                |
| risperiDONE ODT 1 MG TAB.ODT                           |
| risperiDONE ODT 3 MG TAB.ODT                           |
| risperiDONE ODT 4 MG TAB.ODT                           |
| risperiDONE Solution 1 MG/1 ML ORAL.CONC               |
| SALMETEROL/FLUTICASONE 14mcg/113mcg 60 PUFFS/UNIT AERP |
| SAPHRIS 5 MG TAB.SUBL                                  |
| SELENIUM SULFIDE 1% SHAMPOO 1 APPLIC/5 ML SUSPENSION   |
| SENNA 8.6 MG TABLET                                    |
| SERTRALINE 100 MG TABLET                               |
| SERTRALINE 25 MG TABLET                                |
| SERTRALINE 50 MG TABLET                                |
| SPIRONOLACTONE 25 MG TABLET                            |
| SULFAMETHOXAZOLE/TRIMETHOPRIM DS* 1 COMB TABLET        |
| SULINDAC 150 MG TABLET                                 |
| TAMSULOSIN 0.4 MG CAPSULE                              |
| TED ANTI-EMBOLISM STOCKING - KNEE HIGH 1 PKG EACH      |
| TED ANTI-EMBOLISM STOCKING - THIGH HIGH 1 PKG EACH     |
| THERA M PLUS TABLET 1 COMB TABLET                      |

|                                                   |
|---------------------------------------------------|
| THIAMINE 100 MG TABLET                            |
| THIAMINE 100 MG/ML 2 ML INJ                       |
| TOPIRAMATE 100 MG TABLET                          |
| traZODone 100 MG TABLET                           |
| traZODone 150 MG TABLET                           |
| traZODone 50 MG TABLET                            |
| TRIAMCINOLONE ACET 0.1% OINT 80 APPLIC/80 GM OINT |
| TRIUMEQ 600-50-300 MG TABLET 1 COMB TABLET        |
| TUBersoL 0.1 ML/5 TU INJ                          |
| Urea 20% Cream 85 APPLIC/85 GM CR                 |
| valACYclovir 500 MG TABLET                        |
| VALPROIC ACID SYRUP 250 MG/5 ML SYRUP             |
| VENLAFAXINE ER 150 MG CAPSULE                     |
| VENLAFAXINE ER 37.5 MG CAPSULE                    |
| VENLAFAXINE ER 75 MG CAPSULE                      |

|                                                |
|------------------------------------------------|
| VENTOLIN HFA 60 PUFF/8 GM AEROSOL              |
| VITAMIN B-12 1000 MCG TABLET                   |
| VITAMIN C 500 MG TABLET                        |
| VITAMIN D (D3) 1000 UNIT TAB                   |
| VivitroL 380 MG SUS.ER.REC                     |
| VRAYLAR 1.5 MG CAPSULE                         |
| VRAYLAR 3 MG CAPSULE                           |
| WHITE PETROLATUM OINTMENT 28 APPLIC/28 GM OINT |
| ZINC OXIDE 20% OINTMENT 60 APPLIC/60 GM OINT   |
| ZIPRASIDONE 20 MG CAPSULE                      |
| ZIPRASIDONE 20 MG/VIAL INJ                     |
| ZIPRASIDONE 40 MG CAPSULE                      |
| ZIPRASIDONE 60 MG CAPSULE                      |
| ZIPRASIDONE 80 MG CAPSULE                      |
| ZOLPIDEM 5 MG TABLET                           |

# Pharmacy Feasibility Study

Summary of Study

Contract Number: 2623-001

On Site Visit: May 8-12, 2023

Consultant: Sam Sheth, PharmD, MBA

# Findings/Plan

- Centralization: Outpatient Dispensing to AKPH pharmacy
  - Needs: Policies and Procedures, Defined Process, Assessment of Labor Capacity at AKPH pharmacy, Review Licensing Requirements for Shared Services, Contract
- Restructure at API Pharmacy: Pharmacist Work
  - Improve CPOE rates
  - Move non-critical order entry variances to Training/Education
  - Pharmacist to perform regulatory requirements
- Restructure total pharmacy drug expense: tiering, volume discounts, formularies, etc.
- Convert medication carts to Pyxis
  - Restructure pharmacy technician work. Use new capacity to support regulatory compliance work
- Address regulatory concerns at AKPH pharmacy and perform a full review of compliance.

# Findings/Plan

- Implement NetSmart
- Evaluate AKPH pharmacist's training and competency to perform inpatient pharmacist order verification. Reassess centralization remote order verification from AKPH.
- Convert a pharmacist role at API to a pharmacy technician role to support regulatory compliance activities and medication preparation activities at AKPH.
  - Develop policies/procedure and training/education
- Develop decentralized clinical pharmacist activities to support the continuity of care.

# Pharmacy Feasibility Study

Alaska Psychiatric Institute (API) Pharmacy and Alaska Pioneer Homes  
(AKPH) Pharmacy

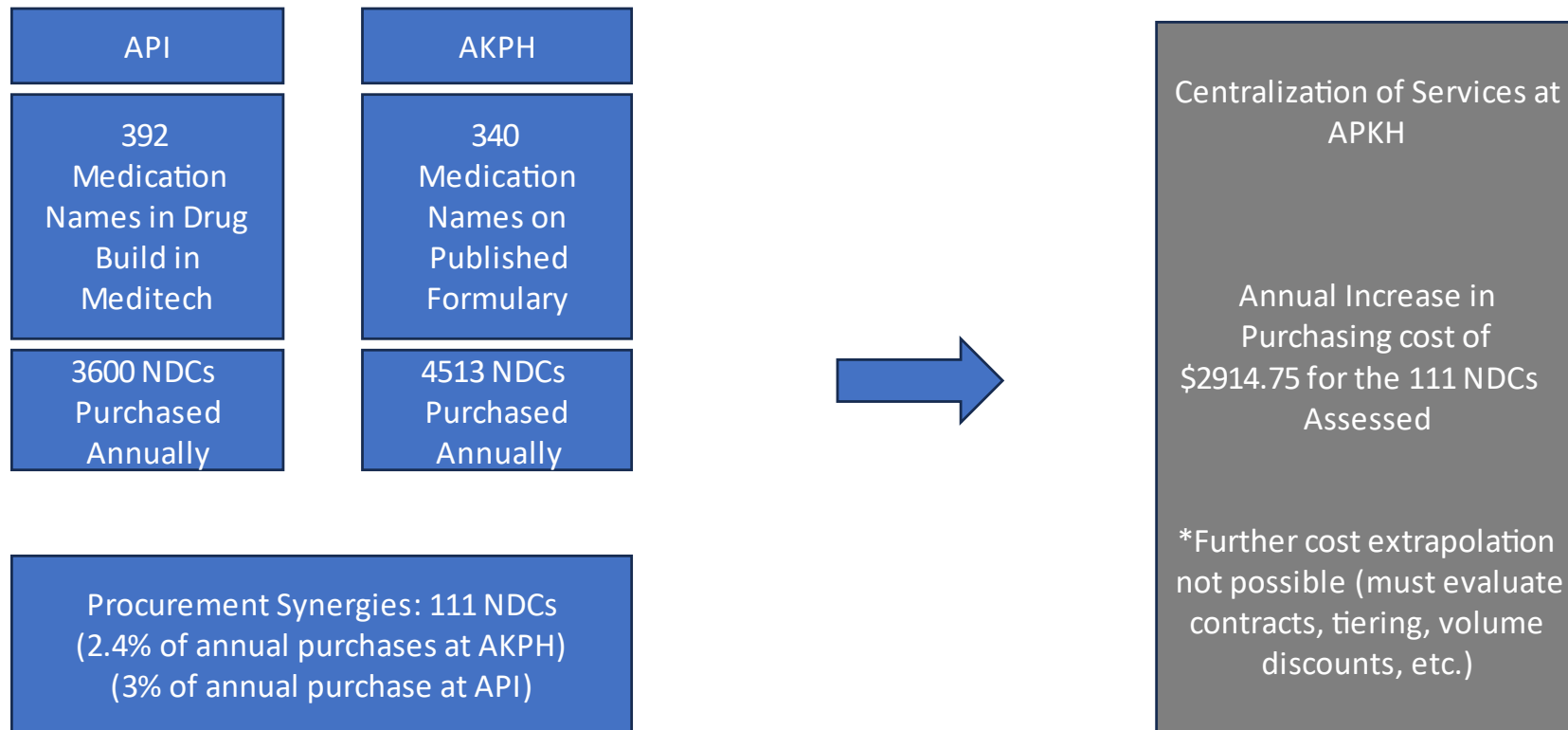
Contract Number: 2623-001

On Site Visit: May 8-12, 2023

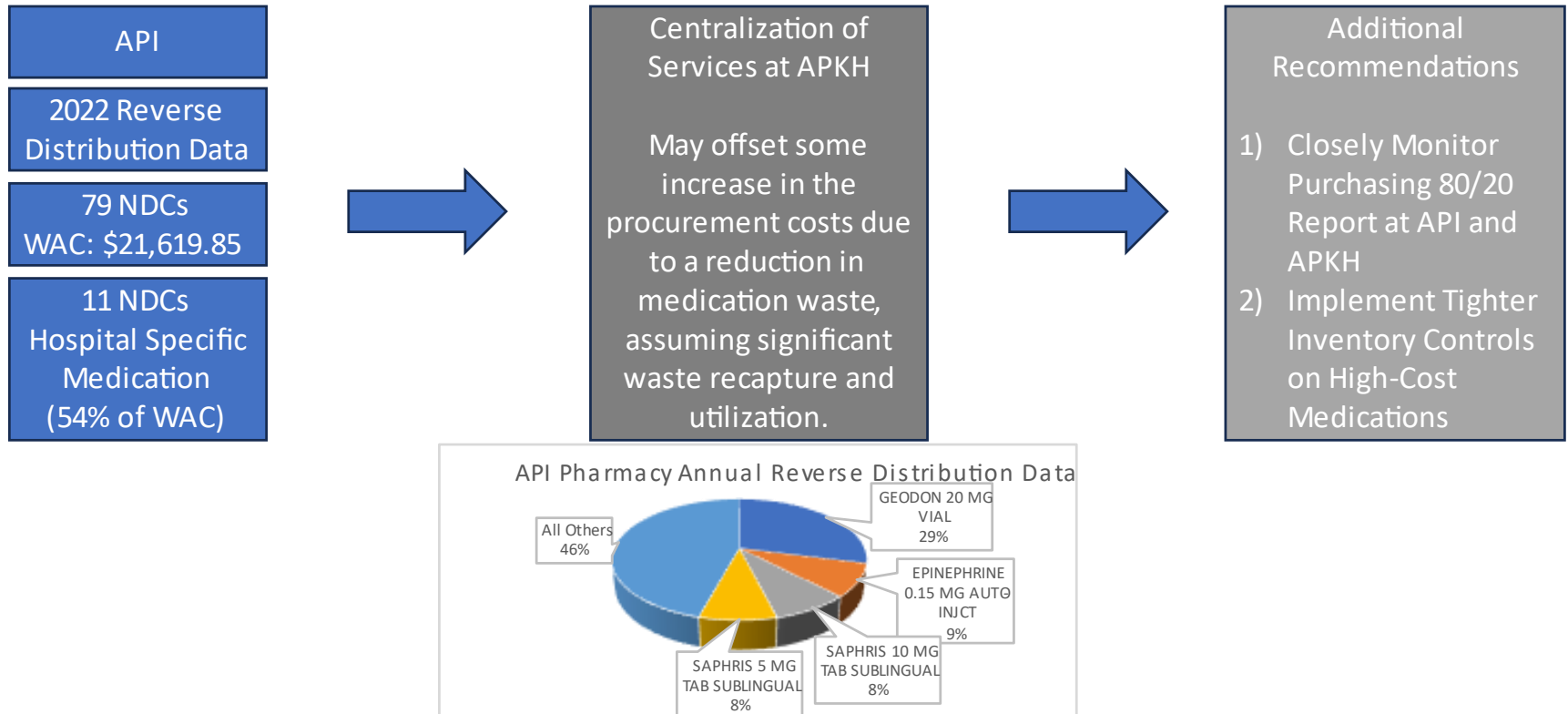
# Scope of work

- Option 1: One central pharmacy based at the Anchorage Pioneer Home (APH)
- Option 2: API remains in current location with pharmacy restructuring

# Inventory and Procurement Analysis: Formulary Synergies and Expected Costs



# Inventory and Procurement Analysis: Medication Waste Assessment



# Medication Storage: Current State and Future State Centralization Considerations

| AKPH Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Medication Security</p> <ul style="list-style-type: none"><li>• Elevator Access to Pharmacy</li><li>• Patio Access to Pharmacy</li></ul> <p>Medication Storage Conditions</p> <ul style="list-style-type: none"><li>• Temperature Control in Medication Storage Areas</li><li>• Light Sensitive Medication Storage by Windows</li><li>• Medication Supplies Storage on Floor</li><li>• Administrative Portion Used for Medication-Related Activities</li></ul> <p>Allocated Space for Centralization</p> <ul style="list-style-type: none"><li>• Additional Centralization Volume May Exceed Shelves that were Procured in Administrative Areas</li></ul> |

# Medication Storage: Carts in Patient Care Areas and API Pharmacy

## API Patient Care Areas

### Storage

- Space in Medication Room
- Stored Near Biological Testing
- No Medication Preparation Area
- Adjacent to a Hand Hygiene Sink

### Functioning

- Staff Report Breaking
- Preventative Maintenance

### Usage

- Wrong Patient's Medication in Wrong Bin
- Cart Not Locked – Medication Access

## API Pharmacy

### Storage

- Using Floor for Storage

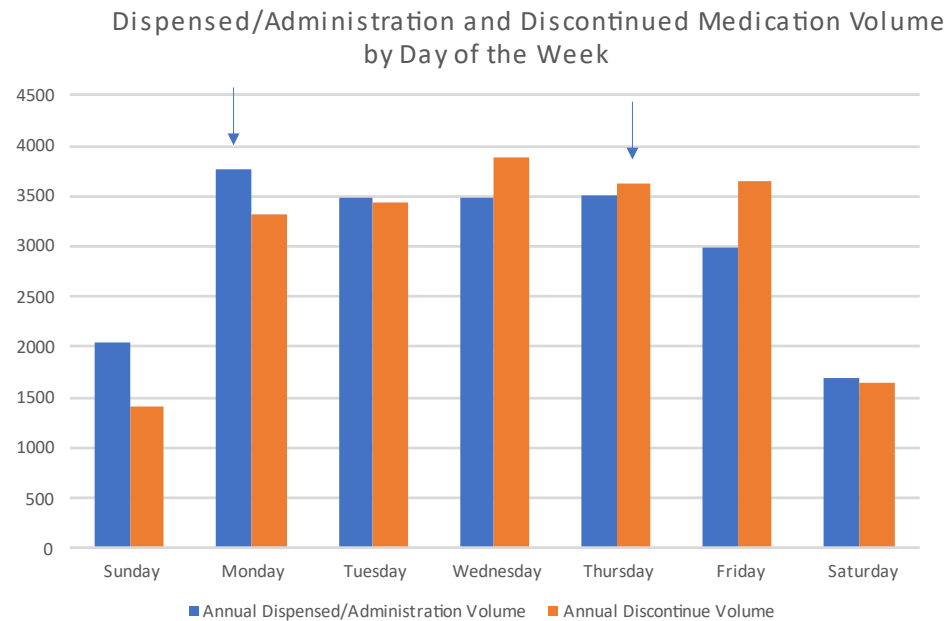
### Shelf Labeling

- Inconsistent Labeling Practices

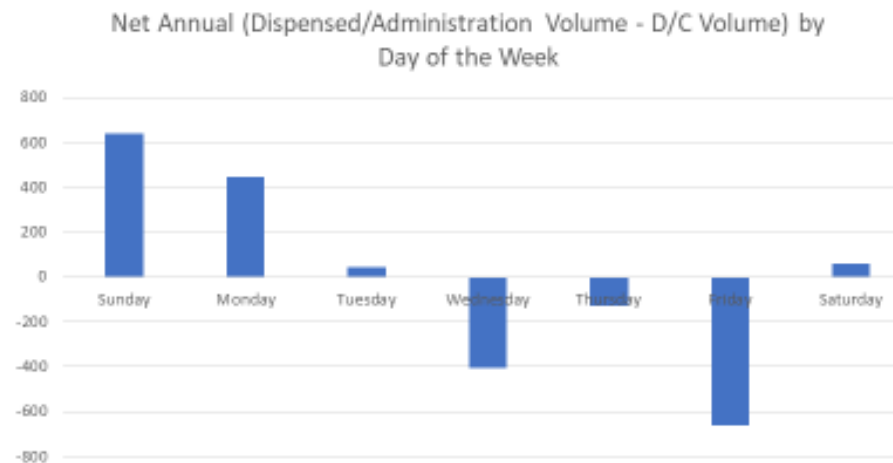
### Cleaning

- Dust and Debris

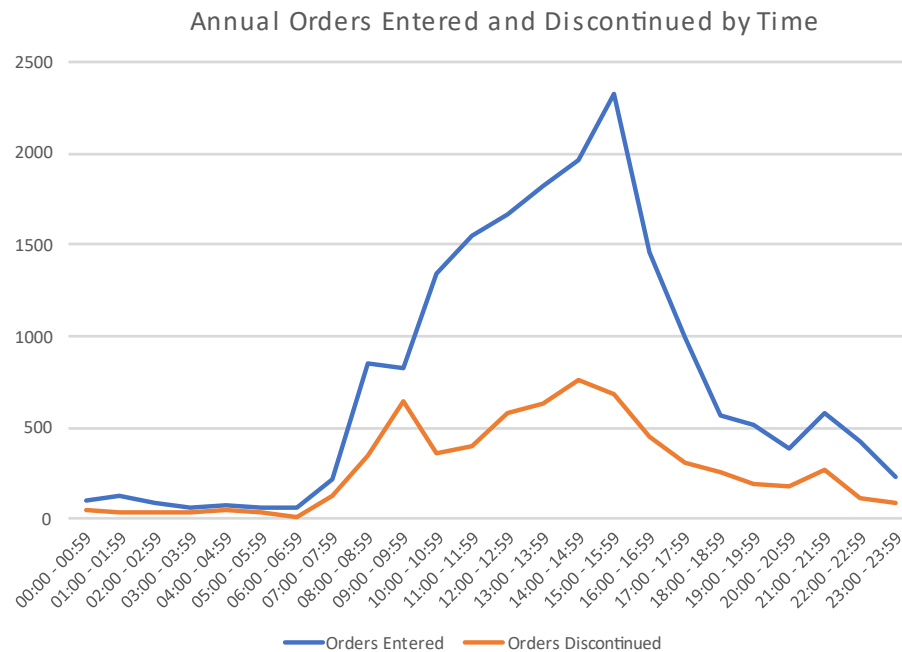
# API: Current State Cart Fill and Cart Exchanges Workflow



# API: Medication Orders Activity (for visualization purposes)



# API: Medication Orders Activity by Time of Day



Optimize:  
24-hour cart  
exchanges

# Utilization of Automated Dispensing Machines vs Cart Fill

## Advantages

- Eliminate loss of productivity when carts are filled, and orders are discontinued.
- No delivery of first doses and/or doses to the next cart fill
- No “borrowing” doses
- Improved management of controlled substances and trending/tracking

## Challenges:

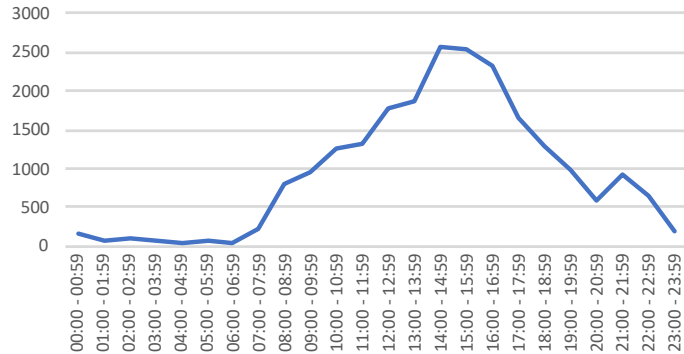
- Space in the Medication Rooms and Night Pharmacy
- Electrical and Data Configurations
- Medication Preparation Area

## Requirements:

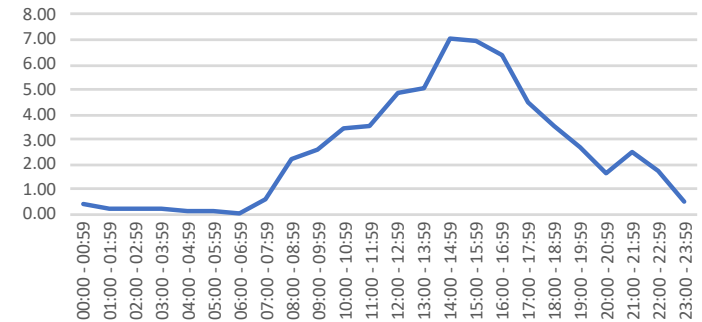
- Policies and Procedures
- Training and Education
- Monitoring Activities/Oversight
- Downtime Operational Considerations

# API: Medications Dispensed by Time and Day of Week

Annual Medication Quantity Dispensed by Time

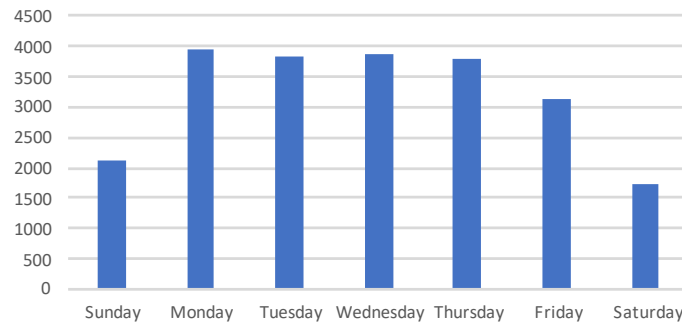


Average Daily Medication Quantity Dispensed by Time

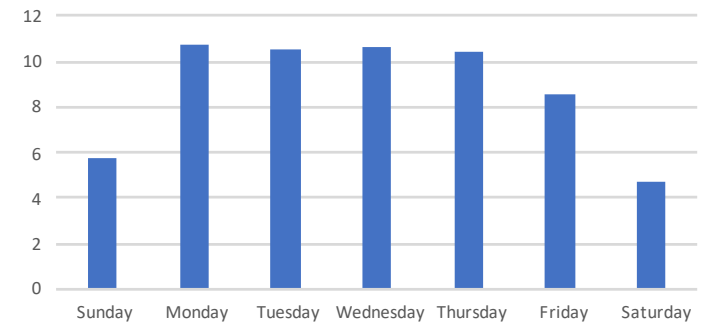


Pharmacy-dispensed volume should be reduced, if not eliminated, due to the utilization of automated dispensing machines.

Annual Medication Dispensed by Day of the Week



Average Daily Medication Dispensed by Day of the Week



# API: Current Labor Resource Utilization

|                     |
|---------------------|
| 1 FTE Pharmacist    |
| 1 FTE Pharmacist    |
| 1 FTE Pharmacy Tech |



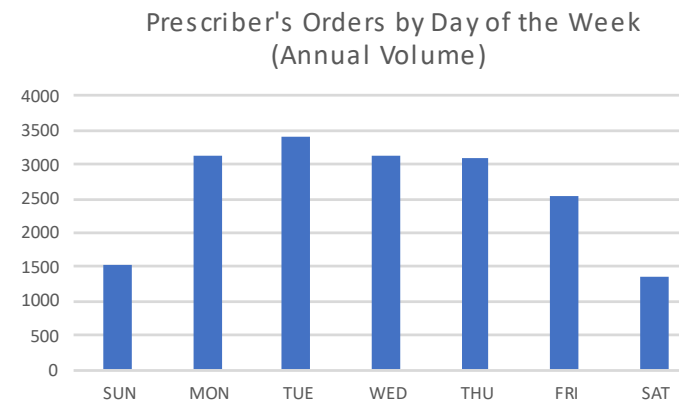
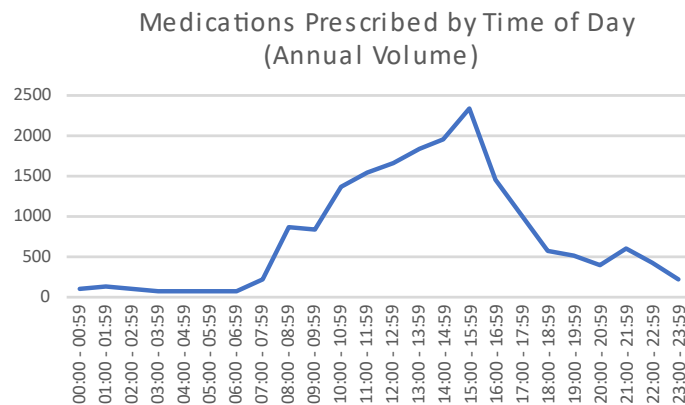
- 0.5 FTE Pharmacist performing training and education to nurses on medication order entry
- Pharmacy Technician: Resource utilization can be optimized based on the skill-level available.

## Pharmacy-Related Activities Not Being Completed (not comprehensive)

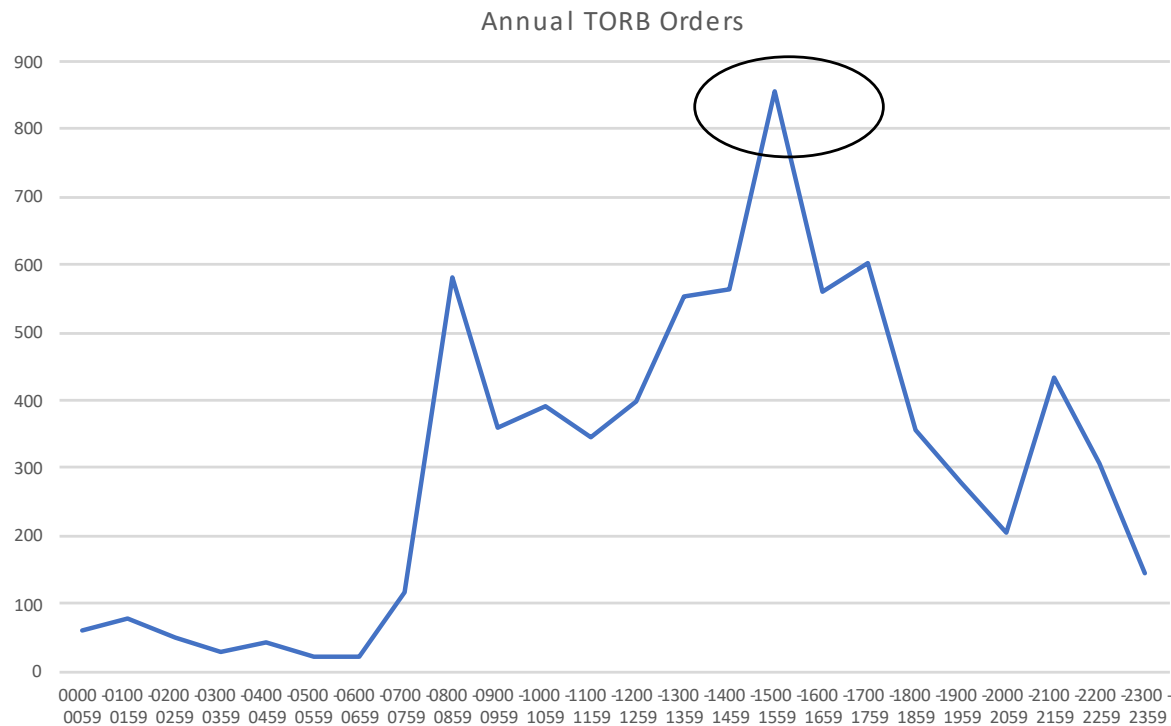
1. Annual Formulary Assessments
2. Antimicrobial Stewardship
3. Evaluation of the Effectiveness of the Medication Management Process
4. Trending of Controlled Substance Utilization and Prescribing
5. Policies and Procedures Review/Updates

# API: Medication Order Entry

- CPOE = 59.2%
- Pharmacist order entry = 2.2%
- All Medication orders Reentered = 31.1%



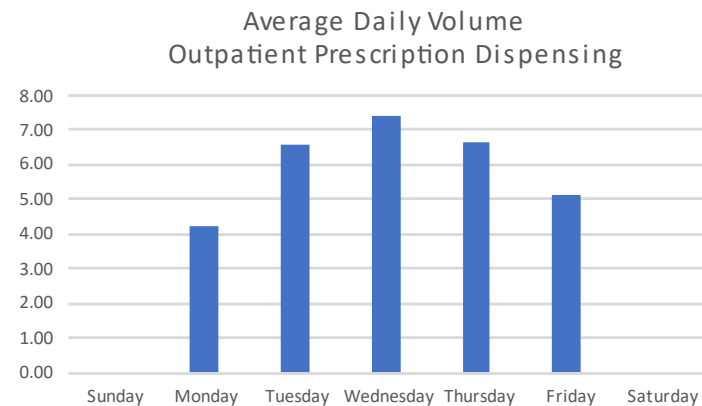
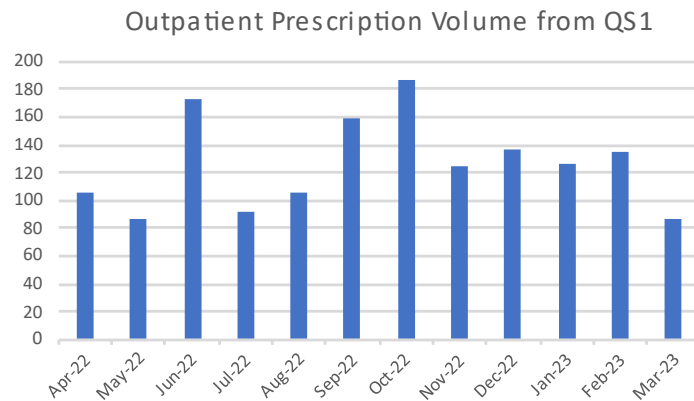
# API: Non-CPOE Orders by Time of Day



An increase in CPOE rates will likely reduce the variances at order entry, resulting in less time needed to evaluate documentation errors.

Training and Education Department can use the data to decrease variances at orientation/ongoing.

# API and AKPH: Outpatient Prescription Dispensing



## Synergies:

- Same electronic platform in future (NetSmart)
- Relatively low volume (peak 7Rxs on average)
- Short distance between pharmacy

## Challenges:

- Medication delivery procedures must be developed.
- Coordination of scheduled API discharges
- Management of urgent discharges

APPENDIX D: Medication Waste at API (highlighted are hospital specific medications)

| Product Name                   |
|--------------------------------|
| LOXAPINE 10 MG CAPSULE         |
| PHENYTOIN SOD EXT 100 MG CAP   |
| GLUTOSE-15 GEL                 |
| CYANOCOBALAMIN 1,000 MCG/ML    |
| HALOPERIDOL 0.5 MG TABLET      |
| DOXYCYCLINE HYCLATE 100 MG TAB |
| VITAMIN E 180 MG SOFTGEL       |
| NYAMYC 100,000 UNIT/GM POWDER  |
| ENOXAPARIN 100 MG/ML SYRINGE   |
| GEODON 20 MG VIAL              |
| VITAMIN B-12 1,000 MCG TABLET  |
| ALBUTEROL SUL 2.5 MG/3 ML SOLN |
| NEOMYCIN-POLYMYXIN-HC EAR SUSP |
| MULTISTIX 10 SG REAGENT STRIPS |
| EPINEPHRINE 0.3 MG AUTO-INJECT |
| TRAZODONE 150 MG TABLET        |
| CLONAZEPAM 2 MG TABLET         |
| KETOCONAZOLE 2% CREAM          |
| METRONIDAZOLE 250 MG TABLET    |
| BENZTROPINE 2 MG/2 ML AMPULE   |
| PIOGLITAZONE HCL 15 MG TABLET  |
| LEVOFLOXACIN 250 MG TABLET     |
| HYDROCORTISONE 2.5% CREAM      |
| ACNE MEDICATION 5% GEL         |
| TOPIRAMATE 25 MG TABLET        |
| SAPHRIS 10 MG TAB SUBLINGUAL   |

|                                 |
|---------------------------------|
| BANOPHEN 25 MG CAPSULE          |
| CEFTRIAZONE 250 MG VIAL         |
| TRIPLE ANTIBIOTIC OINTMENT      |
| CIPROFLOXACIN HCL 500 MG TAB    |
| POVIDONE-IODINE 10% SOLUTION    |
| MORPHINE SULFATE ER 10 MG CAP   |
| VIMPAT 100 MG TABLET            |
| OLOPATADINE HCL 0.1% EYE DROPS  |
| HYDROXYZINE 25 MG/ML VIAL       |
| DOXEPIN 50 MG CAPSULE           |
| TOPIRAMATE 50 MG TABLET         |
| FLOVENT HFA 110 MCG INHALER     |
| SAPHRIS 5 MG TAB SUBLINGUAL     |
| FLUPHENAZINE 2.5 MG/ML VIAL     |
| NALOXONE 0.4 MG/ML VIAL         |
| TAMIFLU 75 MG CAPSULE           |
| CHLORPROMAZINE 25 MG TABLET     |
| EPINEPHRINE 0.15 MG AUTO-INJECT |
| THIAMINE 200 MG/2 ML VIAL       |
| HUMULIN N 100 UNITS/ML VIAL     |
| MAGNESIUM CITRATE SOLUTION      |
| BETAMETHASONE VA 0.1% CREAM     |
| ANTI-DIARRHEAL 2 MG CAPLET      |
| LORAZEPAM 2 MG/ML ORAL CONCENT  |
| DEXTROAMP-AMPHET ER 20 MG CAP   |
| HYDROXYCHLOROQUINE 200 MG TAB   |
| MIDODRINE HCL 5 MG TABLET       |

|                                |
|--------------------------------|
| CHLORTHALIDONE 25 MG TABLET    |
| BUPROPION HCL XL 300 MG TABLET |
| GLY-OXIDE LIQUID .5OZ          |
| LEVOTHYROXINE 75 MCG TABLET    |
| VRAYLAR 1.5 MG CAPSULE         |
| ENEMA                          |
| VENTOLIN HFA 90 MCG INHALER    |
| NITROGLYCERIN 0.4 MG TABLET SL |
| ALPRAZOLAM ER 2 MG TABLET      |
| METHYLPHENIDATE ER 18 MG TAB   |
| HALOPERIDOL DEC 100 MG/ML VIAL |
| MEMANTINE HCL 5 MG TABLET      |
| ROPINIROLE HCL 1 MG TABLET     |
| MINOCYCLINE 50 MG CAPSULE      |
| LEVOTHYROXINE 25 MCG TABLET    |
| HYDROCODONE-ACETAMIN 10-325 MG |
| ISONIAZID 300 MG TABLET        |
| TOPIRAMATE 100 MG TABLET       |
| RISPERIDONE 2 MG ODT           |
| MORPHINE SULF ER 30 MG TABLET  |
| URINARY PAIN RELIEF 95 MG TAB  |
| FLUPHENAZINE DEC 125 MG/5 ML   |
| DESMOPRESSIN ACETATE 0.1 MG TB |
| FLUCONAZOLE 200 MG TABLET      |
| METHYLPHENIDATE ER 54 MG TAB   |
| AMOXICILLIN 250 MG CAPSULE     |