

DEPARTMENT OF CORRECTIONS

Inmate Health Care



Senate Finance
Sub Committee
February 9, 2018

Inmate Patient Population

Exceptionally Ill and Complex patients:

- 30% have Hepatitis C (compared to 1% of the general public).
- 25-30% have high blood pressure.
- 75% are overweight, obese or morbidly obese.
- 80% have a substance use disorder.
- Up to 75% of female prisoners report having been sexually victimized.
- 65% have a mental illness.
- 22% experience a severe and persistent mental illness.
- Prisons are impacted by the high number of inmates with dementia (1 in 10 over age 65) and other conditions related to the aging process.

Catastrophic Health Care Cases

- Chest wall Injury (altercation) \$45,400
- Overdose \$138,300
- Surgical removal of heroin \$18,000
- Heart Failure \$313,400
- Facial Cysts \$85,000
- Neoplasm \$32,200
- Neck Mass \$34,100
- ETOH Withdrawal \$33,900
- Cancer \$157,400
- Appendicitis \$36,900
- Liver failure/Coma \$30,000
- Dialysis (one case) \$576,500
- Ectopic Pregnancy \$32,100
- Hand injury (altercation) \$26,800
- Lung Abscess \$132,700
- Orbital Fracture (altercation) \$18,300
- Hip infection \$87,900
- Self-inflicted Sepsis (tattoo) \$284,200
- Traumatic Cataract \$38,000
- Degenerative discs \$144,700
- Seizures \$60,900
- Testicular Cancer \$126,700
- Tooth Extraction \$17,250
- Fractured Jaw (altercation) \$22,765
- Gunshot Wound \$15,439
- Pacemaker \$102,400
- Pneumonia \$47,800
- Chest Pain \$86,000
- Retinal Detachment \$33,300
- Collapsed lung \$102,700
- Gallbladder Removal \$37,100
- Eye Laceration (kitchen) \$16,200
- Brain Mass \$230,700
- Stroke \$54,300

Year to Year Changes

| Pregnancy | FY13 | FY14 | FY15 | FY16 | FY17 |
|--------------------------------------|------------------|-------------------|------------------|------------------|-----------------|
| Deliveries | 10 | 14 | 11 | 6 | 5 |
| Prenatal Care | 63 | 91 | 87 | 65 | 55 |
| Prenatal & Delivery Costs | \$199,676 | \$ 426,528 | \$263,357 | \$151,882 | \$36,843 |

| Cancer | FY13 | FY14 | FY15 | FY16 | FY17 |
|---------------------|------------------|------------------|--------------------|------------------|------------------|
| Inmates DX w/Cancer | 24 | 20 | 22 | 21 | 19 |
| Cancer Tx Costs | \$561,304 | \$659,746 | \$1,370,736 | \$611,181 | \$796,623 |

| Medical Services | FY13 | FY14 | FY15 | FY16 | FY17 |
|------------------|----------------------|---------------------|---------------------|---------------------|---------------------|
| Hospital | \$6,861,473 | \$8,028,665 | \$9,897,989 | \$6,310,199 | \$6,388,620 |
| Fee for Services | \$4,520,843 | \$7,839,145 | \$8,639,211 | \$7,011,063 | \$8,365,633 |
| Total | \$11,392,316. | \$15,867,810 | \$18,537,109 | \$13,321,263 | \$14,754,253 |

15 Most Expensive Treatment Categories

| Service | Description | FY17 |
|--------------------|---|----------------|
| Nephrology | Kidney disease/renal failure, dialysis | \$3,734,815.09 |
| ER Visits | Visit only, does not include transport | \$3,104,856.59 |
| Cardiology | Coronary artery disease, heart failure, pacemakers | \$1,266,641.10 |
| Orthopedic | Musculoskeletal trauma--hand, back, legs, knees | \$1,155,351.11 |
| Oncology | Cancer | \$1,027,775.37 |
| Radiology | X-rays, ultrasounds, CTs, MRIs | \$900,050.34 |
| Surgery | Day surgeries, day surgery + observation | \$586,221.81 |
| Gastroenterology | Colonoscopies, anemia, Crohn's disease | \$454,121.44 |
| Laboratory Service | Lab draws, readings | \$392,270.63 |
| Ambulance Services | ER Transport--Ground & Air | \$372,621.83 |
| Optical Services | Orbital fractures, cataracts, glaucoma | \$370,056.99 |
| Hospitalization | Medicaid-ineligible, rehab hospitals | \$367,848.39 |
| Urology | UTIs, kidney stones, prostate cancer | \$341,538.39 |
| Otolaryngology | ENT, disorders of the head & neck, facial fractures | \$338,156.95 |
| OB/GYN Services | Pregnancy, Labor & Delivery | \$167,655.22 |

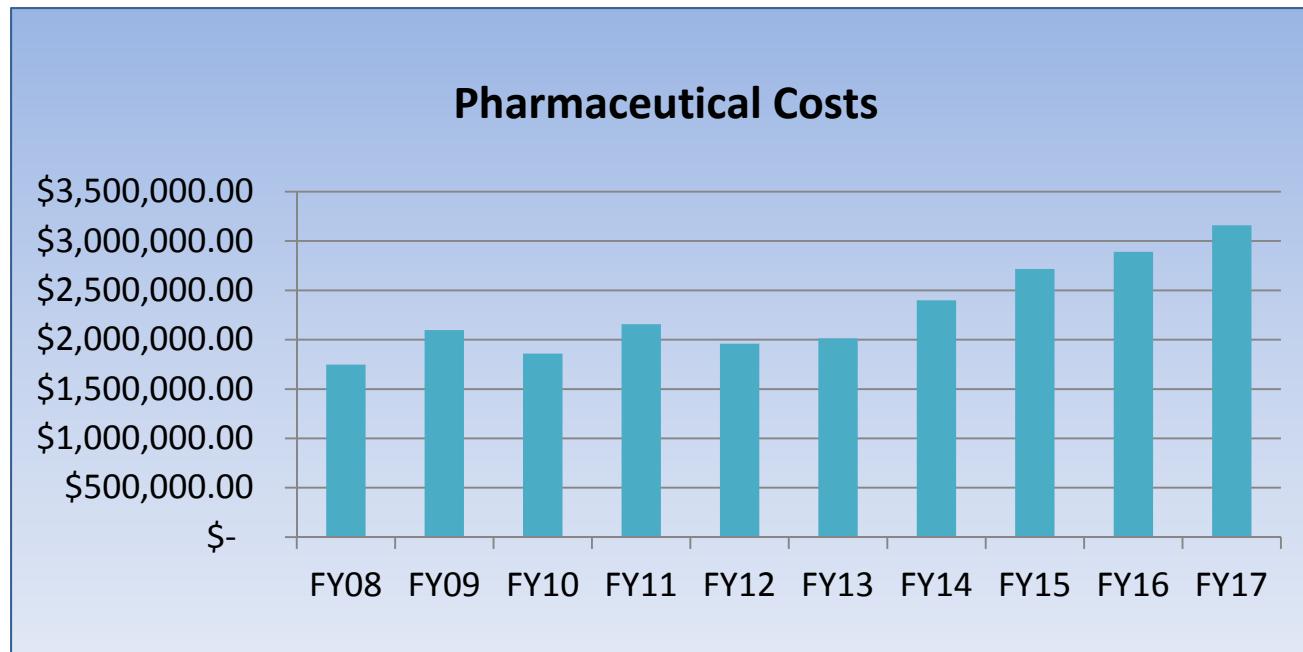
The High Cost of Dialysis

| Dialysis FY17 | |
|--|-----------------------|
| # of Patients Treated | 7 |
| # of Dialysis Patients Still in Custody | 6 |
| Years Remaining in Custody | 1-102 years |
| Monthly Average Per Patient | \$51,613.71 |
| Cost to Date | \$3,050,107.91 |

| Dialysis YTD FY18 | |
|--|----------------------------------|
| # of Patients Treated | 8 |
| # of Dialysis Patients Still in Custody | 6 residing in AK; 2 out of state |
| Years Remaining in Custody | 10 months – 101 years |
| Monthly Average Per Patient | \$42,596.27 |
| Cost to Date | \$3,384,047.65 |

Pharmaceutical Costs Continue to Rise

- 57% increase in medication costs in the last five years
 - 81% increase over the past 10 years
- Despite a 12% decrease in the number of prescriptions filled in FY17, DOC still saw nearly a 10% increase in cost



Medical Advancements Come at a Price

- New treatments for curing Hepatitis C
 - 30% of our population are positive for HCV
 - Prioritize patients for treatment based on level of disease progression
 - \$27,000 per patient
 - Expect to treat 15-20 HCV patients in FY18
 - In FY18 the number could be as high as 200 (\$5.4 million)
- Other high cost medical procedures on the horizon
 - Bariatric surgery
 - Organ transplants
 - Sex reassignment surgery

THANK YOU

