

## CalPERS Health Policy Research Division Dialysis in 2016

The information provided below relates to the population with both chronic and acute kidney conditions including End-Stage Renal Disease (ESRD).

### **When are members with End-Stage Renal Disease (ESRD) signing up for Medicare? Do Medicare eligible ESRD use COBRA to retain commercial insurance after leaving employment?**

CalPERS does not collect the data on when members with kidney failure sign up for Medicare. In 2016 almost 60 percent of members receiving dialysis treatment were enrolled in Medicare plans.

The intentions of Medicare eligible ESRD patients using COBRA are not known to CalPERS. Only 0.6 percent of the members receiving dialysis treatment have COBRA coverage in 2016.

### **Has plan compared rates to the market recently?**

CalPERS cost<sup>1</sup> per dialysis procedure for both basic (\$520<sup>2</sup> vs. \$927), and Medicare (\$214 vs. \$225) plans were lower than benchmark<sup>3</sup>.

### **What types of dialysis are CalPERS members utilizing (peritoneal or hemodialysis)?**

Hemodialysis accounts for almost 70 percent of dialysis treatments in Basic plans, and more than 90 percent in Medicare plans.

### **Are members starting dialysis too soon?**

Treatment of dialysis is determined by medical professionals as deemed necessary.

### **Do patients of all races have equal access to transplant?**

Race information is not captured in the Health Care Decision Support System (HCDSS).

### **What is the population's transplant rate?**

In 2016, 50 of 1,552 members receiving dialysis treatment had kidney transplant (3.2 percent).

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<sup>1</sup> Cost or allowed cost is contractual "Allowed Amount" including member out of pocket obligations such as copay, coinsurance, and deductibles. Using "allowed amount" provides easier comparison between plans with different benefit designs (e.g., HMO plans vs. PPO plans).

<sup>2</sup> Members with Leave of Absence and COBRA are excluded from the calculation.

<sup>3</sup> Provided by Milliman MedInsight.

## CalPERS Health Policy Research Division Dialysis Patients, Utilization, and Costs in 2016

### Total average number of CalPERS enrollees for 2016

PPO Basic: 242,643	HMO Basic: 836,638	ASN Basic: 93,882
PPO Medicare: 125,303	HMO Medicare: 128,093	ASN Medicare: 7,273

### Total cost health care for CalPERS enrollees for 2016

PPO Basic: \$1.9 billion	HMO Basic: \$5.2 billion	ASN Basic: \$518 million
PPO Medicare: \$1.9 billion	HMO Medicare: \$2.2 billion	ASN Medicare: \$95 million

### Number of enrollees receiving dialysis treatment for 2016

PPO Basic: 241	HMO Basic: 341	ASN Basic: 28
PPO Medicare: 644	HMO Medicare: 247	ASN Medicare: 24

### Total cost of dialysis treatment for CalPERS enrollees for 2016

PPO Basic: \$12.7 million	HMO Basic: \$18.5 million	ASN Basic: \$2 million
PPO Medicare: \$17.3 million	HMO Medicare: \$7.0 million	ASN Medicare: \$0.9 million

Outpatient facilities costs: 86 percent

Medical professional services costs: 14 percent

### Total number of dialysis treatment encounters for 2016

PPO Basic: 28,963	HMO Basic: 31,570	ASN Basic: 2,322
PPO Medicare: 85,700	HMO Medicare: 28,055	ASN Medicare: 3,286

### The amount paid by health plans for dialysis encounters in 2016

PPO Basic: \$10.3 million	HMO Basic: \$16.9 million	ASN Basic: \$1.9 million
PPO Medicare: \$3.6 million	HMO Medicare: \$7.1 million	ASN Medicare: \$0.2 million

### Percent total dialysis cost:

State: 64 percent                      Public Agency: 36 percent

### Outpatient vs. inpatient dialysis treatment

Outpatient facilities: 100 percent                      Inpatient facilities: 0 percent

#### Notes:

Medicare costs represent the amount CalPERS health plans pay above the Centers for Medicare and Medicaid Services (CMS) amounts.

Preferred Provider Organization (PPO) includes PERSCare, PERS Choice, and PERS Select.

Health Maintenance Organization (HMO) plans includes Anthem HMO Traditional, Anthem HMO Select, Blue Shield Access+, Health Net SmartCare, Health Net Salud y Mas, Kaiser, Sharp Health Plan, and UnitedHealthCare Alliance HMO.

Association (ASN) plans include California Association of Highway Patrolmen, California Correctional Peace Officers Association, and Peace Officers Research Association of California.

Data Source: Health Care Decision Support System

## CalPERS Health Policy Research Division Dialysis Patients, Utilization, and Costs in 2017

### Total average number of CalPERS enrollees for 2017

PPO Basic: 242,314	HMO Basic: 839,624	ASN Basic: 95,732
PPO Medicare: 130,052	HMO Medicare: 134,288	ASN Medicare: 7,667

### Total cost of health care for CalPERS enrollees for 2017

PPO Basic: \$2.0 billion	HMO Basic: \$5.3 billion	ASN Basic: \$541 million
PPO Medicare: \$2.0 billion	HMO Medicare: \$2.4 billion	ASN Medicare: \$99 million

### Number of enrollees receiving dialysis treatment for 2017

PPO Basic: 226	HMO Basic: 326	ASN Basic: 34
PPO Medicare: 745	HMO Medicare: 253	ASN Medicare: 32

### Total cost of dialysis treatment for CalPERS enrollees for 2017

PPO Basic: \$13.6 million	HMO Basic: \$22.2 million	ASN Basic: \$1.7 million
PPO Medicare: \$18.0 million	HMO Medicare: \$8.2 million	ASN Medicare: \$0.7 million

Outpatient facilities costs: 89 percent

Medical professional services costs: 11 percent

### Total number of dialysis treatment encounters for 2017

PPO Basic: 28,850	HMO Basic: 27,916	ASN Basic: 2,234
PPO Medicare: 84,976	HMO Medicare: 30,186	ASN Medicare: 2,741

### The amount paid by health plans for dialysis encounters in 2017:

PPO Basic: \$11.1 million	HMO Basic: \$20.3 million	ASN Basic: \$1.6 million
PPO Medicare: \$4.3 million	HMO Medicare: \$8.2 million	ASN Medicare: \$0.2 million

### Percent total dialysis cost:

State: 65 percent                      Public Agency: 35 percent

### Outpatient vs. Inpatient Dialysis Treatment

Outpatient facilities: 100 percent      Inpatient facilities: 0 percent

#### Notes:

Medicare costs represents the amount CalPERS health plans pay above the Centers for Medicare and Medicaid Services (CMS) amounts.

Preferred Provider Organization (PPO) plans include PERSCare, PERS Choice, and PERS Select.

Health Maintenance Organization (HMO) plans include Anthem HMO Traditional, Anthem HMO Select, Blue Shield Access+, Health Net SmartCare, Health Net Salud y Mas, Kaiser, Sharp Health Plan, and UnitedHealthCare Alliance HMO.

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