



3 AXIS Advisors

ANALYSIS OF PBM SPREAD PRICING
IN NEW YORK MANAGED CARE

DRUG PRICE CHART SUPPLEMENT

3 Axis Advisors LLC

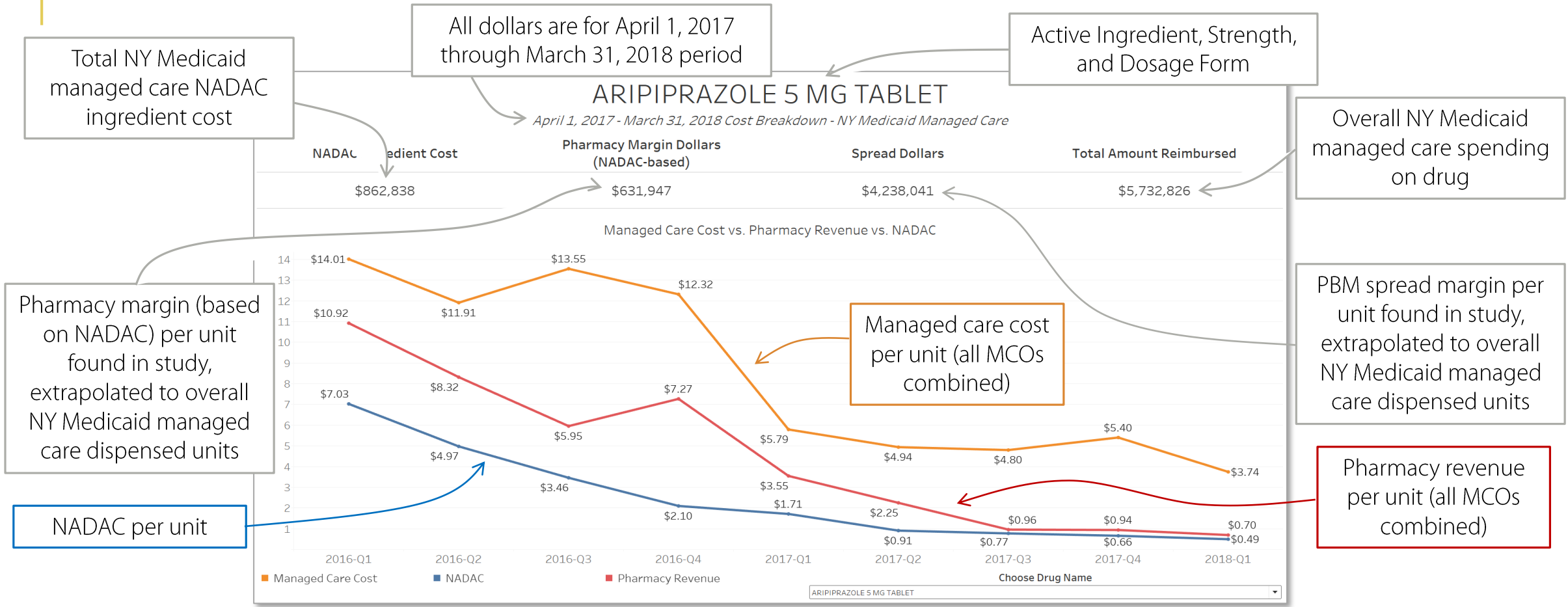
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Prepared for the Pharmacists Society of
the State of New York

HOW TO READ DRUG PRICE CHARTS*



* Please refer to full documentation for study methodology, assumptions and limitations - "Analysis of PBM Spread Pricing in New York Managed Care" (January 17, 2019)

ABACAVIR 300 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

Pharmacy Margin Dollars
(NADAC-based)

Spread Dollars

Total Amount Reimbursed

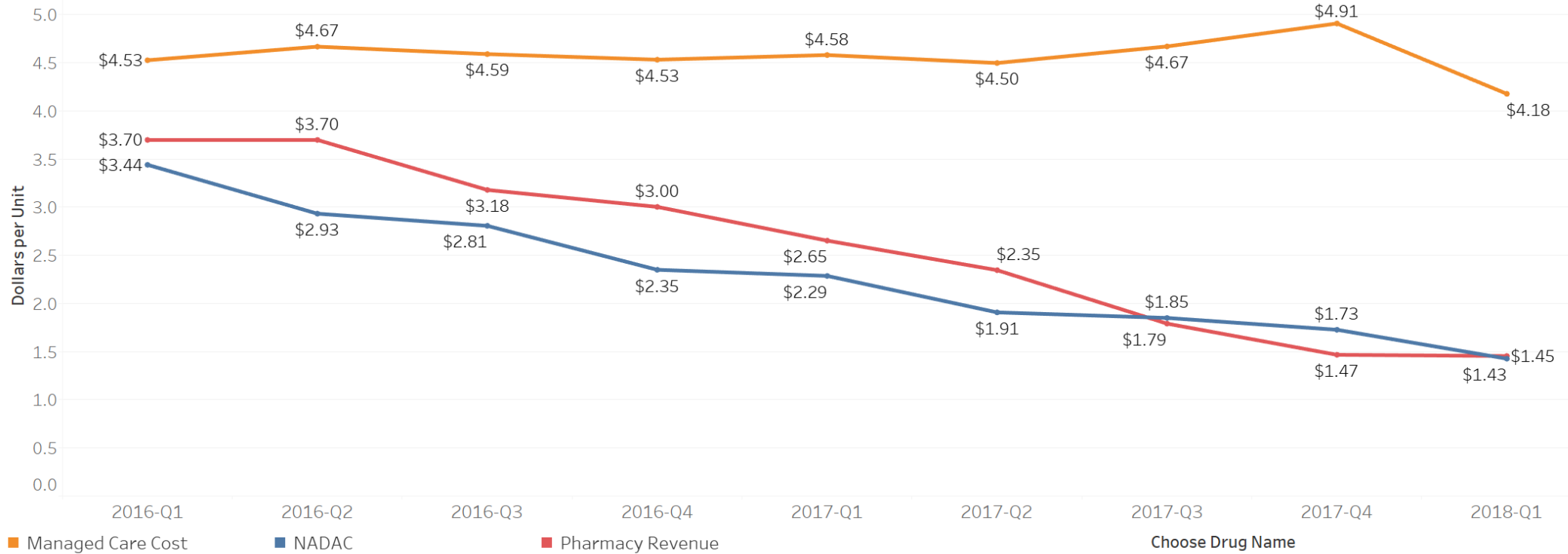
\$132,856

(\$49)

\$216,438

\$349,245

Managed Care Cost vs. Pharmacy Revenue vs. NADAC



Choose Drug Name
ABACAVIR 300 MG TABLET

ARIPIPIRAZOLE 2 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

Pharmacy Margin Dollars
(NADAC-based)

Spread Dollars

Total Amount Reimbursed

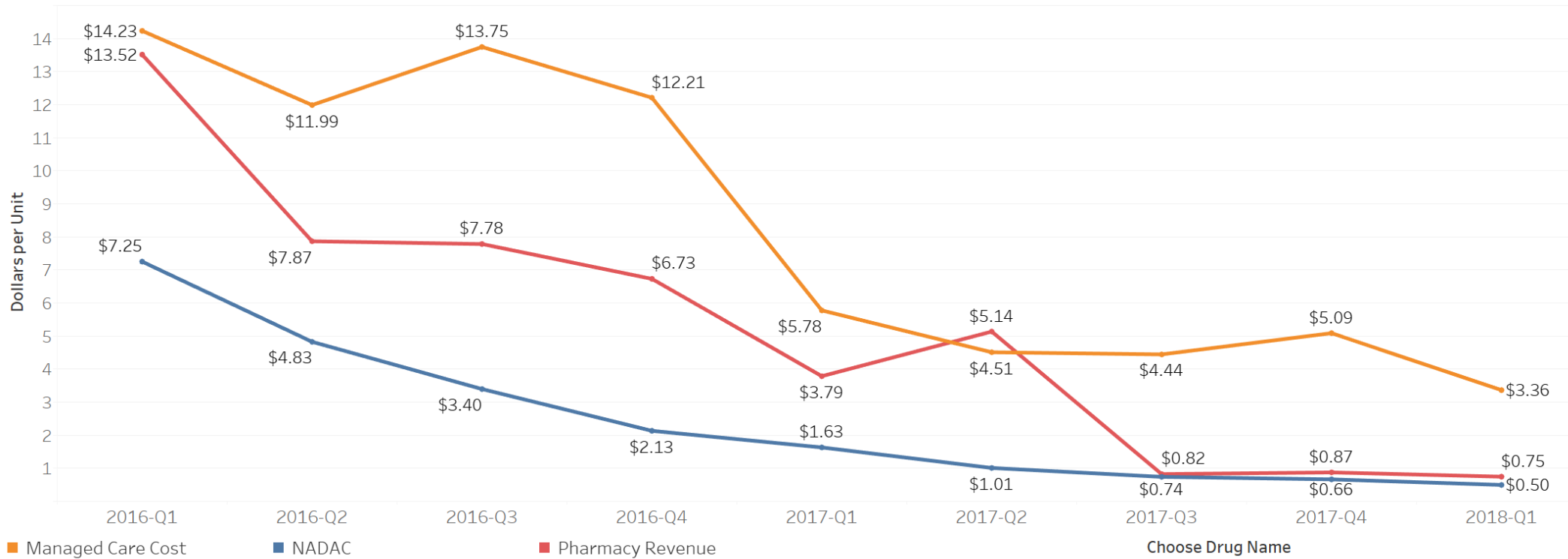
\$335,307

\$771,100

\$763,022

\$1,869,429

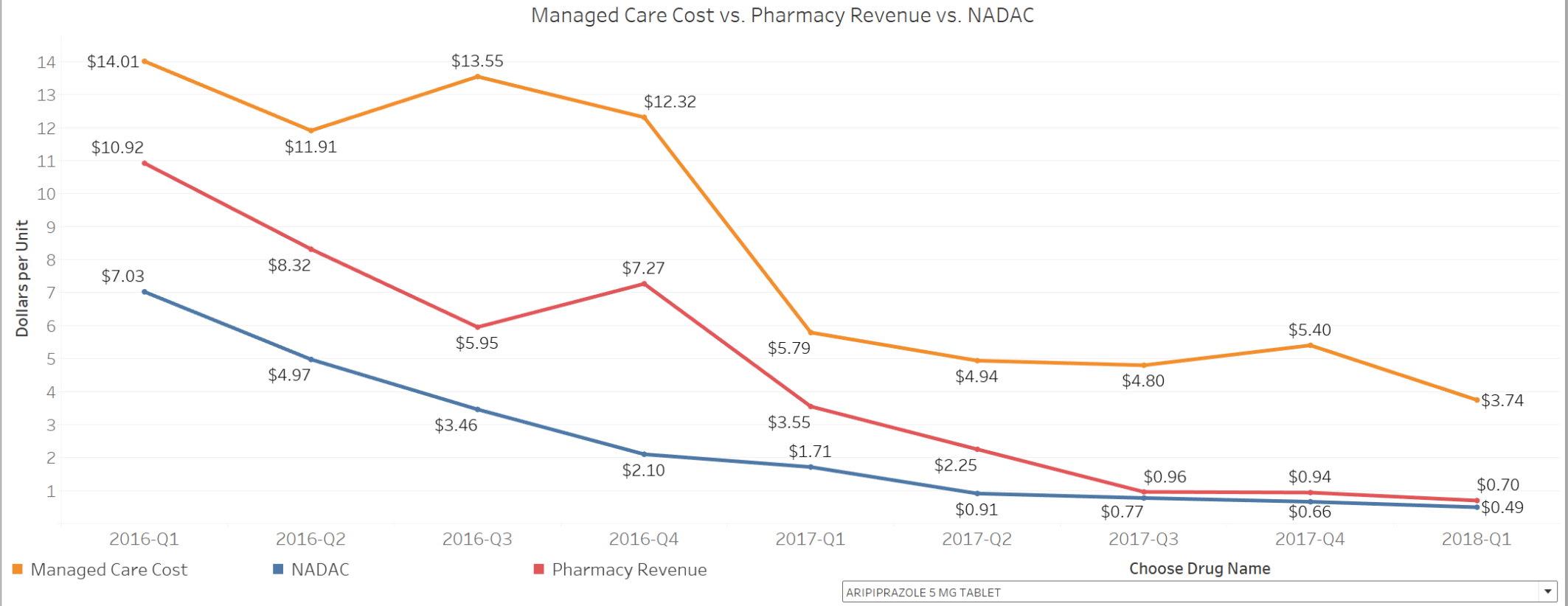
Managed Care Cost vs. Pharmacy Revenue vs. NADAC



ARIPIPRAZOLE 5 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

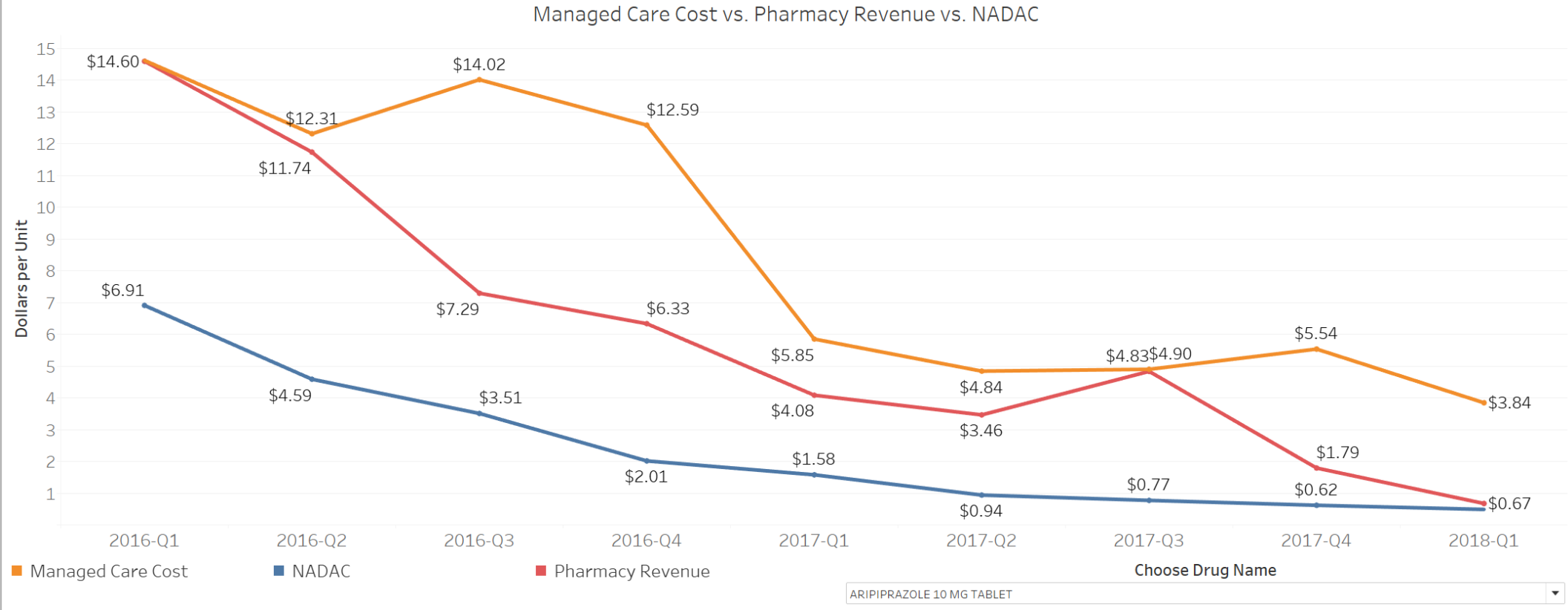
NADAC Ingredient Cost	Pharmacy Margin Dollars (NADAC-based)	Spread Dollars	Total Amount Reimbursed
\$862,838	\$631,947	\$4,238,041	\$5,732,826



ARIPIIPRAZOLE 10 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

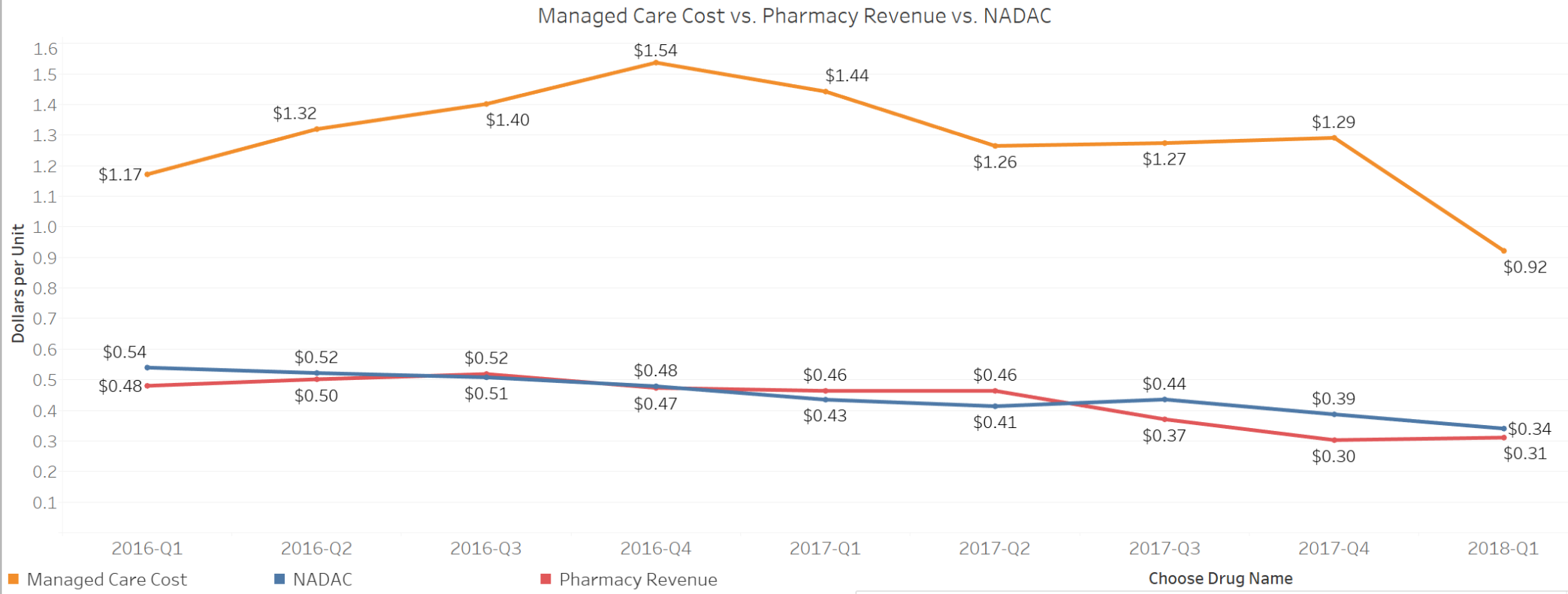
NADAC Ingredient Cost	Pharmacy Margin Dollars (NADAC-based)	Spread Dollars	Total Amount Reimbursed
\$683,470	\$1,785,435	\$1,997,118	\$4,466,024



BUSPIRONE HCL 30 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

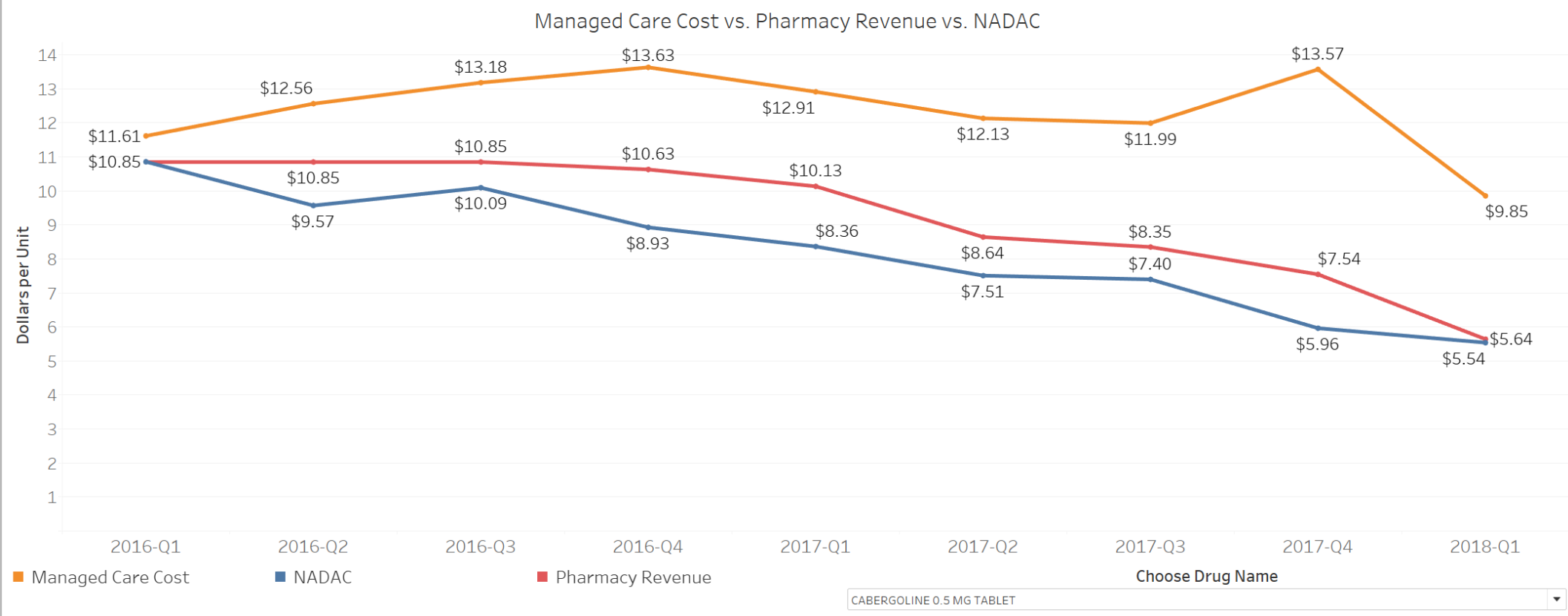
NADAC Ingredient Cost	Pharmacy Margin Dollars (NADAC-based)	Spread Dollars	Total Amount Reimbursed
\$311,761	(\$25,299)	\$651,206	\$937,668



CABERGOLINE 0.5 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost	Pharmacy Margin Dollars (NADAC-based)	Spread Dollars	Total Amount Reimbursed
\$214,079	\$29,985	\$140,449	\$384,513



CELECOXIB 200 MG CAPSULE

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

Pharmacy Margin Dollars
(NADAC-based)

Spread Dollars

Total Amount Reimbursed

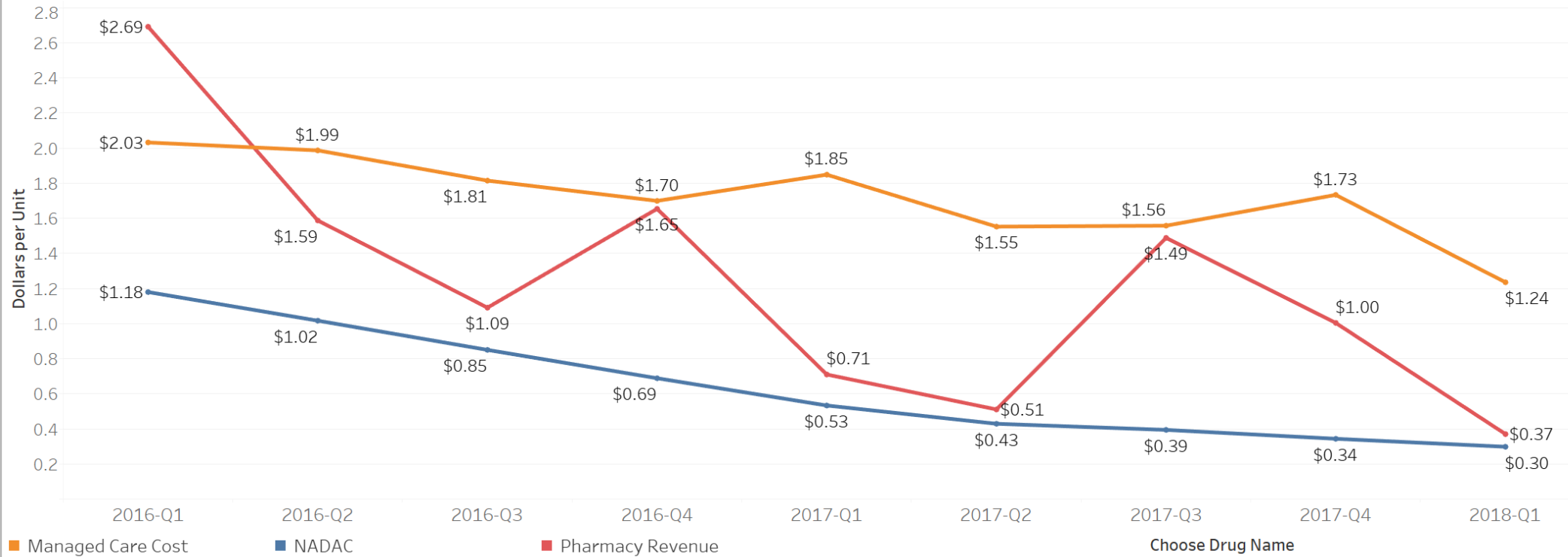
\$85,031

\$146,836

\$131,994

\$363,861

Managed Care Cost vs. Pharmacy Revenue vs. NADAC

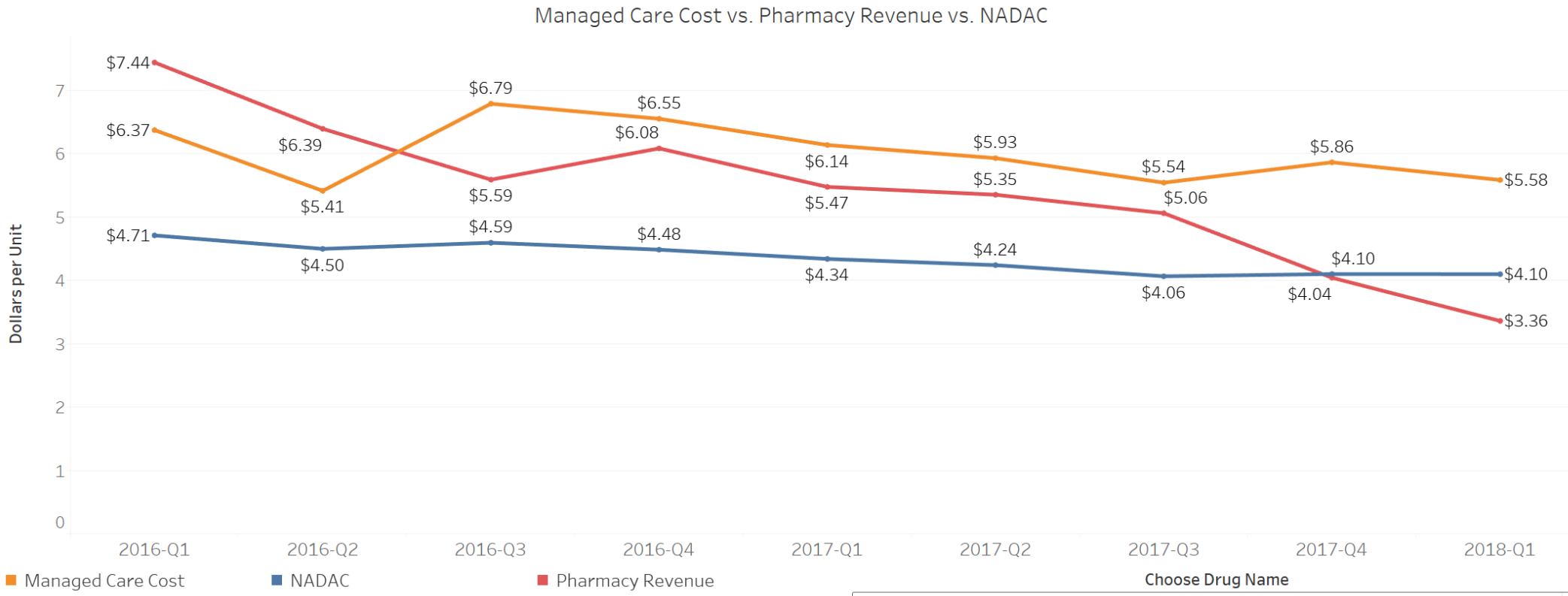


CELECOXIB 200 MG CAPSULE

CHLORPROMAZINE 50 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost	Pharmacy Margin Dollars (NADAC-based)	Spread Dollars	Total Amount Reimbursed
\$665,759	\$68,138	\$188,883	\$922,781



DEXTROAMP-AMPHET ER 20 MG CAP

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

Pharmacy Margin Dollars
(NADAC-based)

Spread Dollars

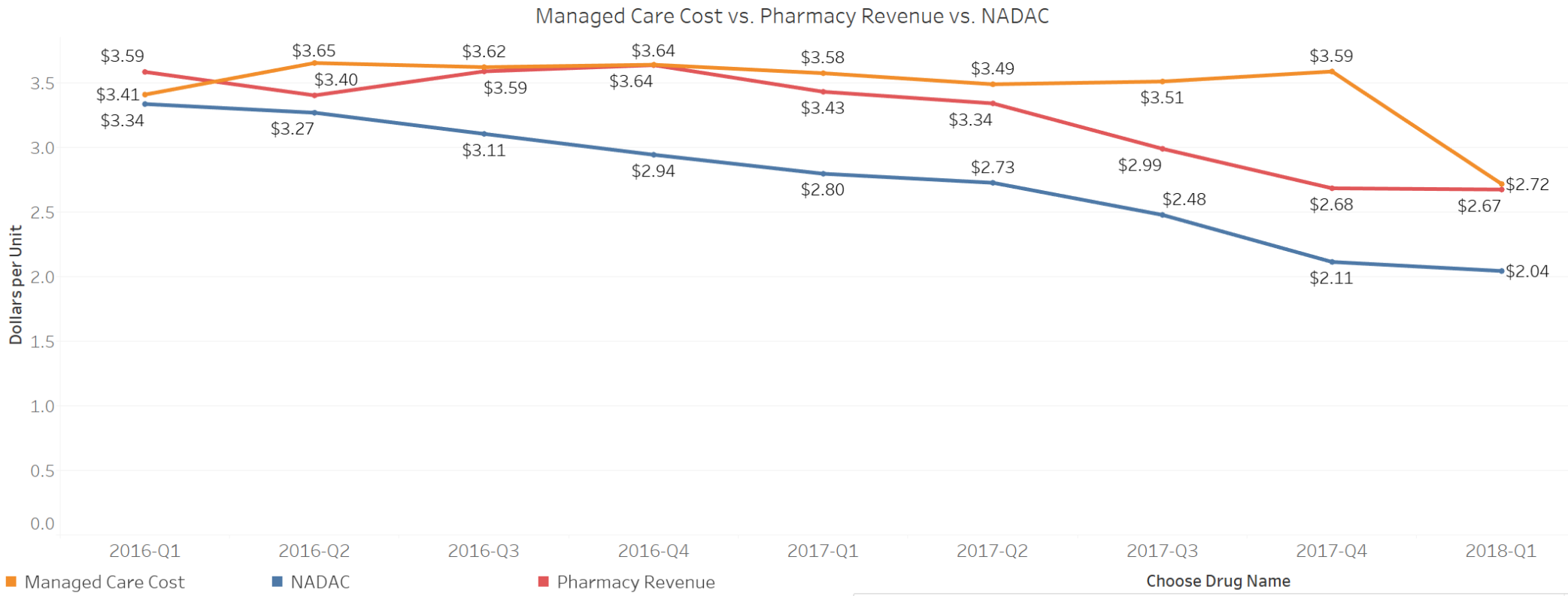
Total Amount Reimbursed

\$4,262,276

\$1,066,347

\$711,950

\$6,040,573



DICLOFENAC POT 50 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

\$515,609

Pharmacy Margin Dollars
(NADAC-based)

(\$14,615)

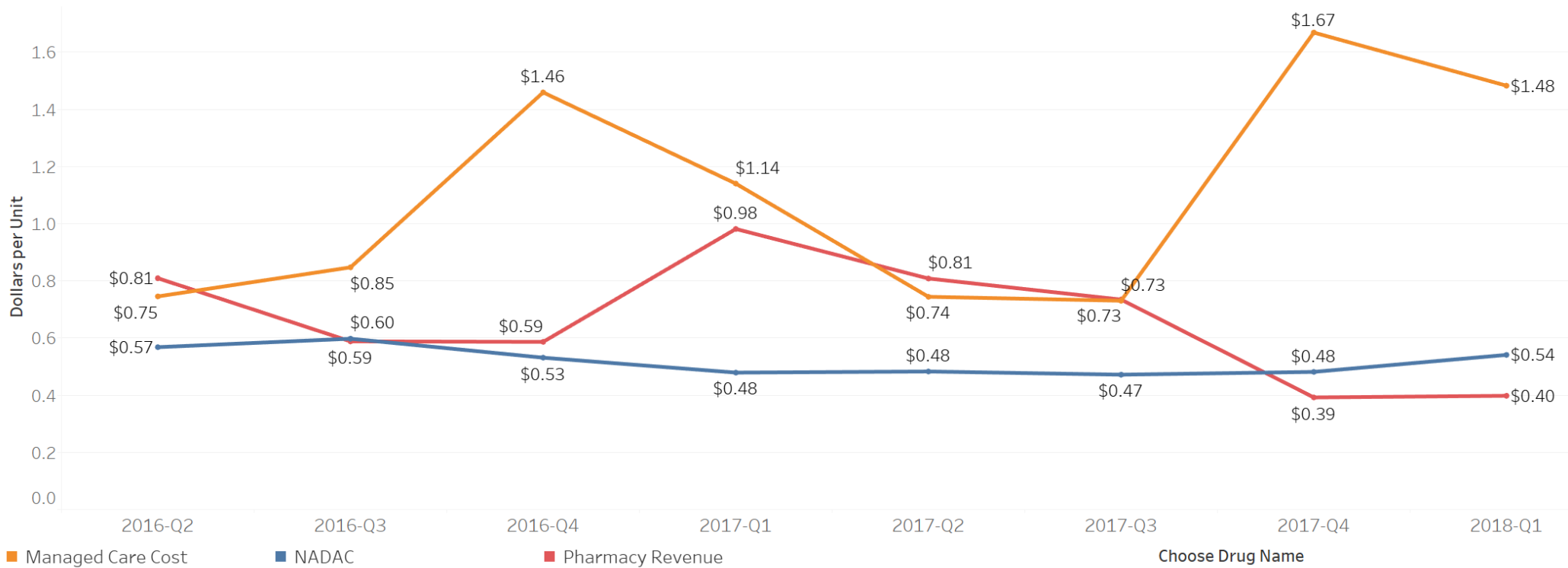
Spread Dollars

\$915,065

Total Amount Reimbursed

\$1,416,059

Managed Care Cost vs. Pharmacy Revenue vs. NADAC



Choose Drug Name
DICLOFENAC POT 50 MG TABLET

DICLOFENAC SOD ER 100 MG TAB

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

Pharmacy Margin Dollars
(NADAC-based)

Spread Dollars

Total Amount Reimbursed

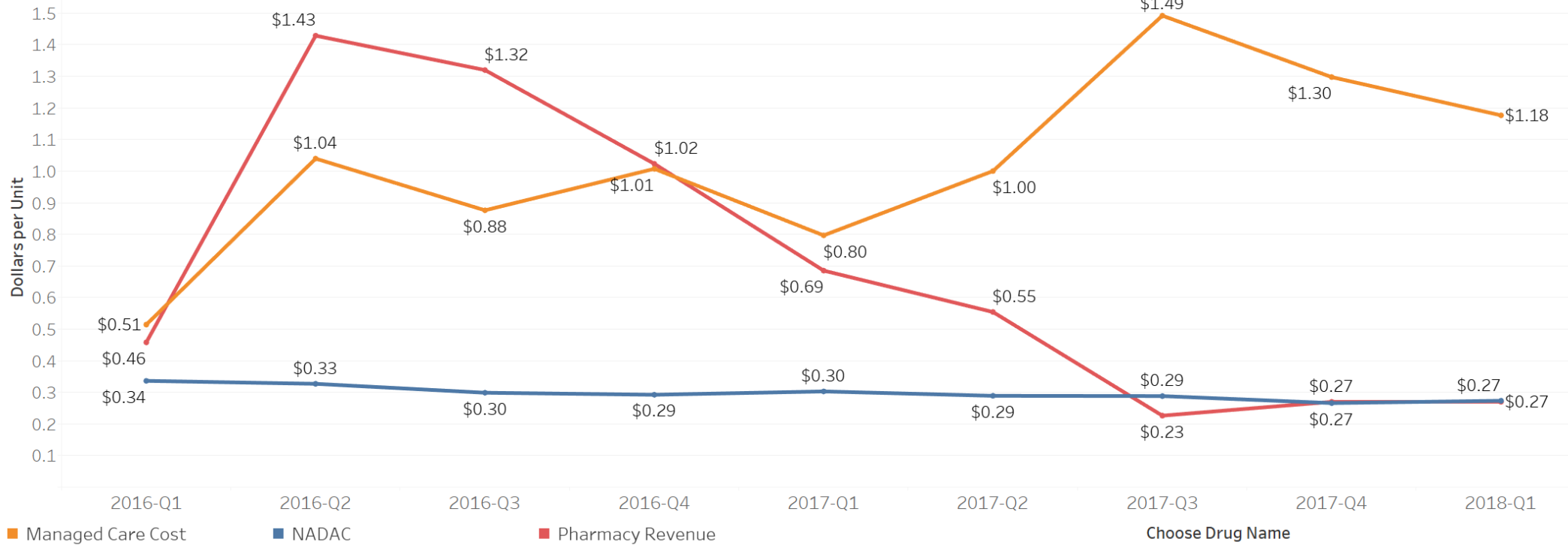
\$226,477

\$32,157

\$766,321

\$1,024,954

Managed Care Cost vs. Pharmacy Revenue vs. NADAC



Choose Drug Name
DICLOFENAC SOD ER 100 MG TAB

DIVALPROEX SOD DR 500 MG TAB

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

\$282,289

Pharmacy Margin Dollars
(NADAC-based)

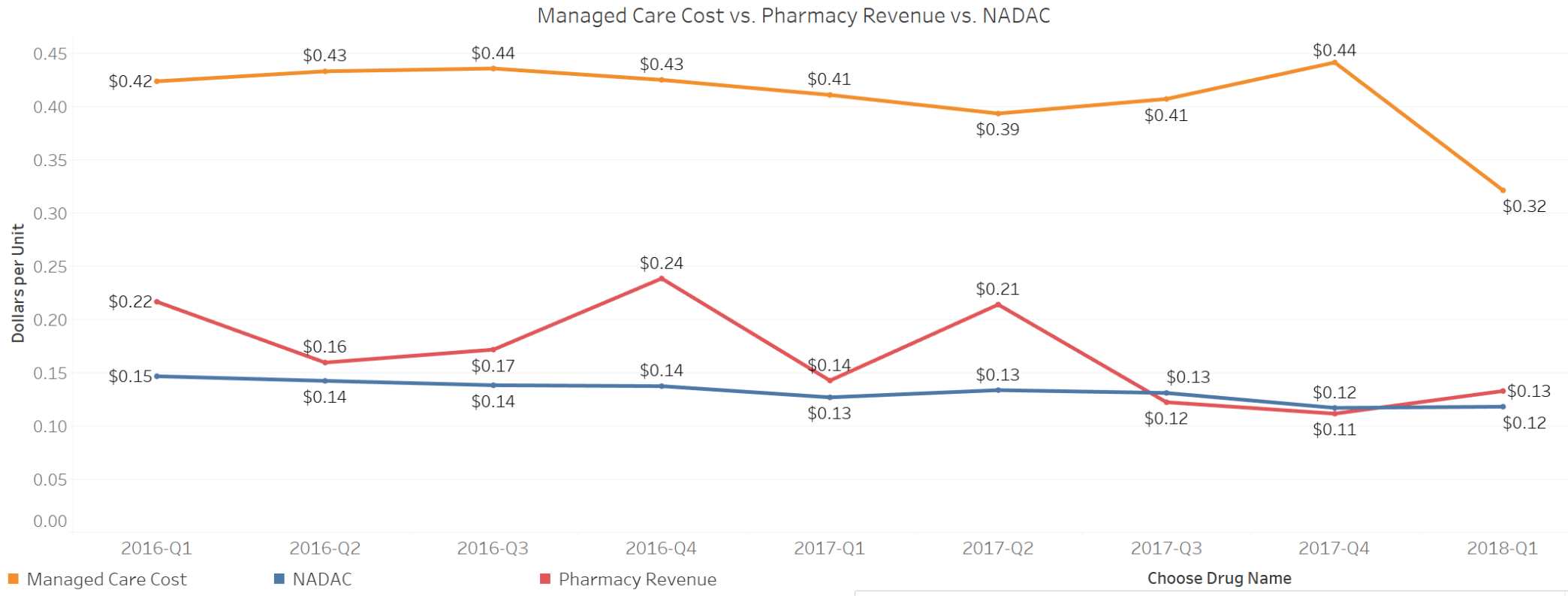
\$46,403

Spread Dollars

\$549,572

Total Amount Reimbursed

\$878,264



DIVALPROEX SOD ER 500 MG TAB

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

\$699,322

Pharmacy Margin Dollars
(NADAC-based)

(\$23,749)

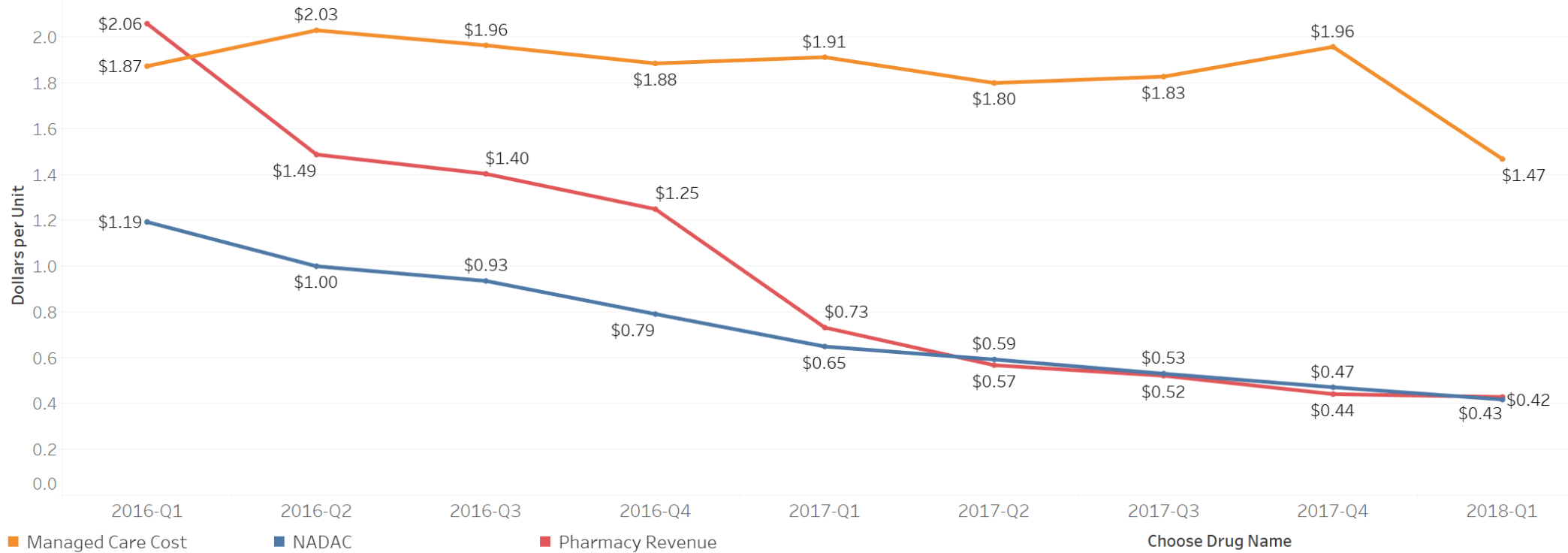
Spread Dollars

\$1,722,865

Total Amount Reimbursed

\$2,398,438

Managed Care Cost vs. Pharmacy Revenue vs. NADAC



Choose Drug Name: DIVALPROEX SOD ER 500 MG TAB

DOXYCYCLINE HYCLATE 100 MG CAP

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

Pharmacy Margin Dollars
(NADAC-based)

Spread Dollars

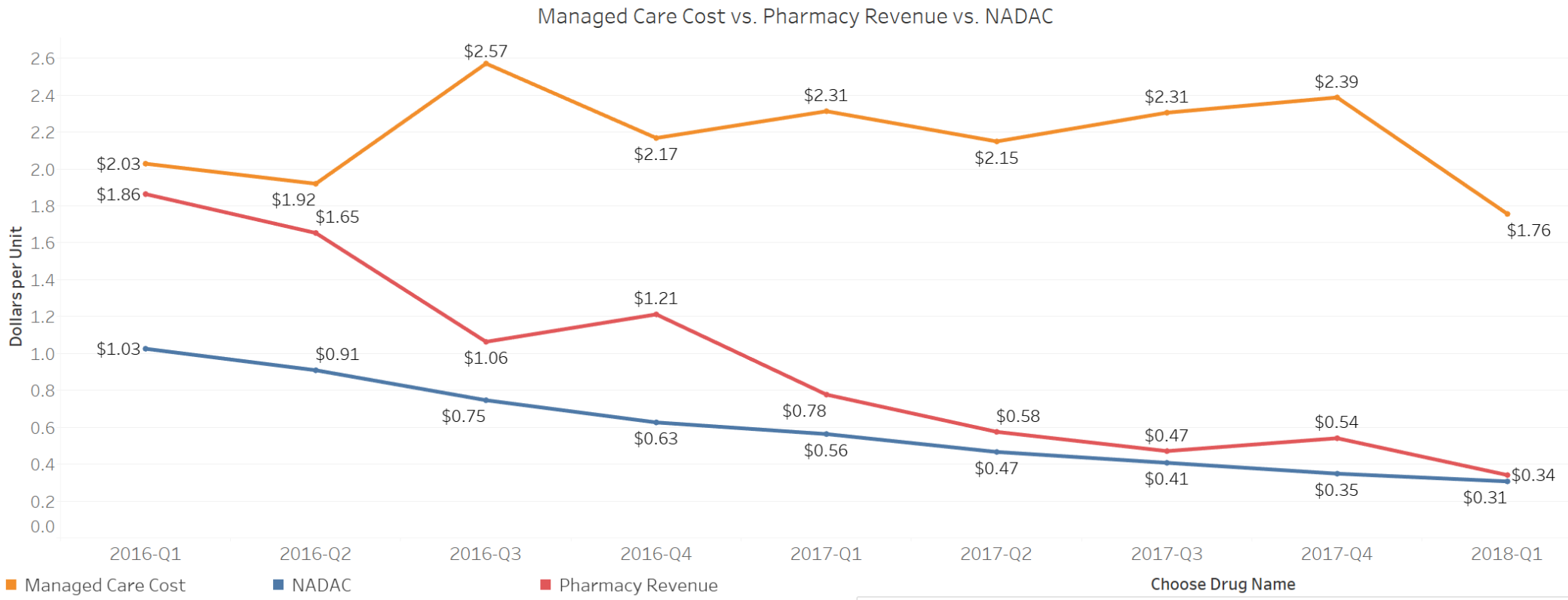
Total Amount Reimbursed

\$346,349

\$92,595

\$1,516,731

\$1,955,676



DOXYCYCLINE HYCLATE 100 MG TAB

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

Pharmacy Margin Dollars
(NADAC-based)

Spread Dollars

Total Amount Reimbursed

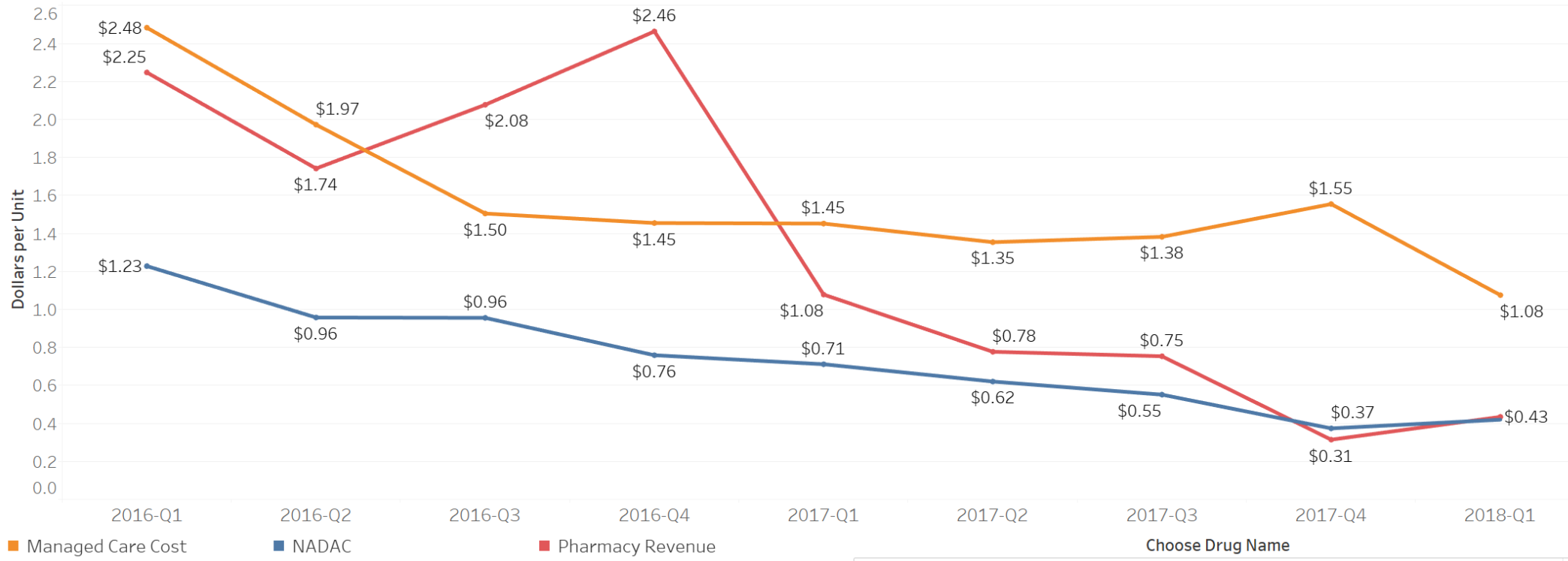
\$257,761

\$38,491

\$421,625

\$717,878

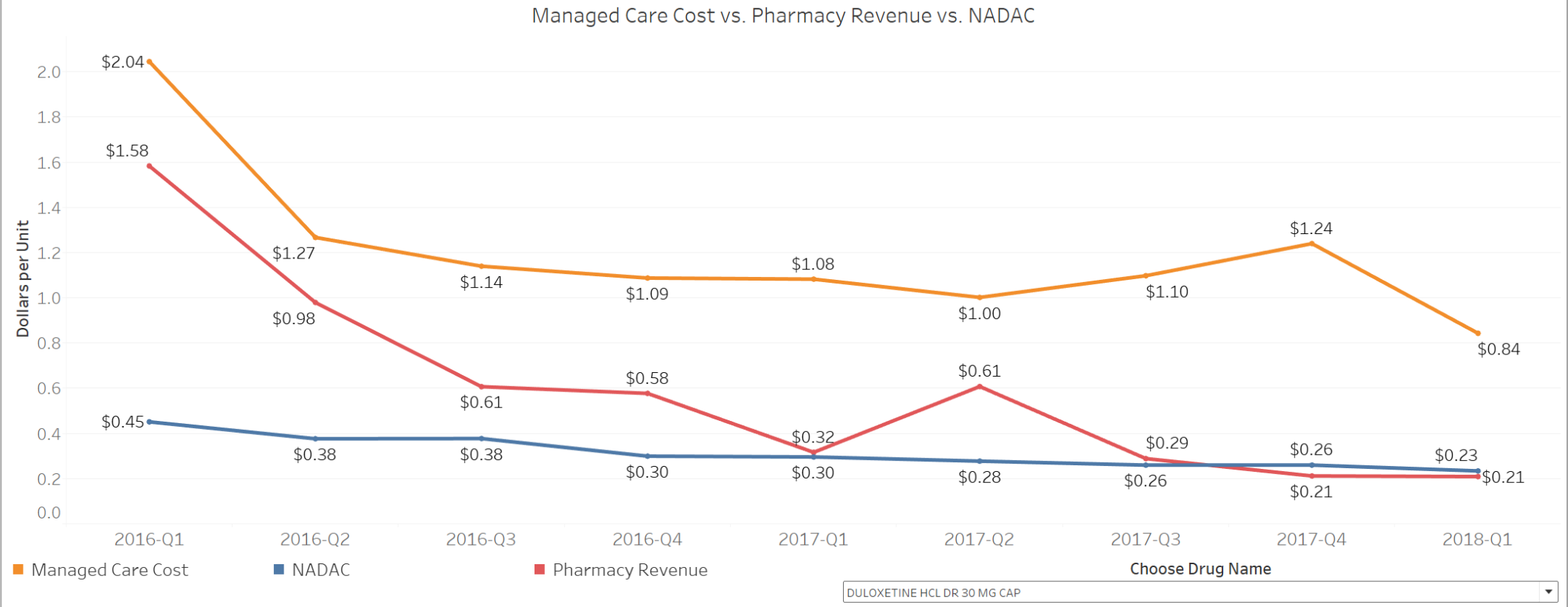
Managed Care Cost vs. Pharmacy Revenue vs. NADAC



DULOXETINE HCL DR 30 MG CAP

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

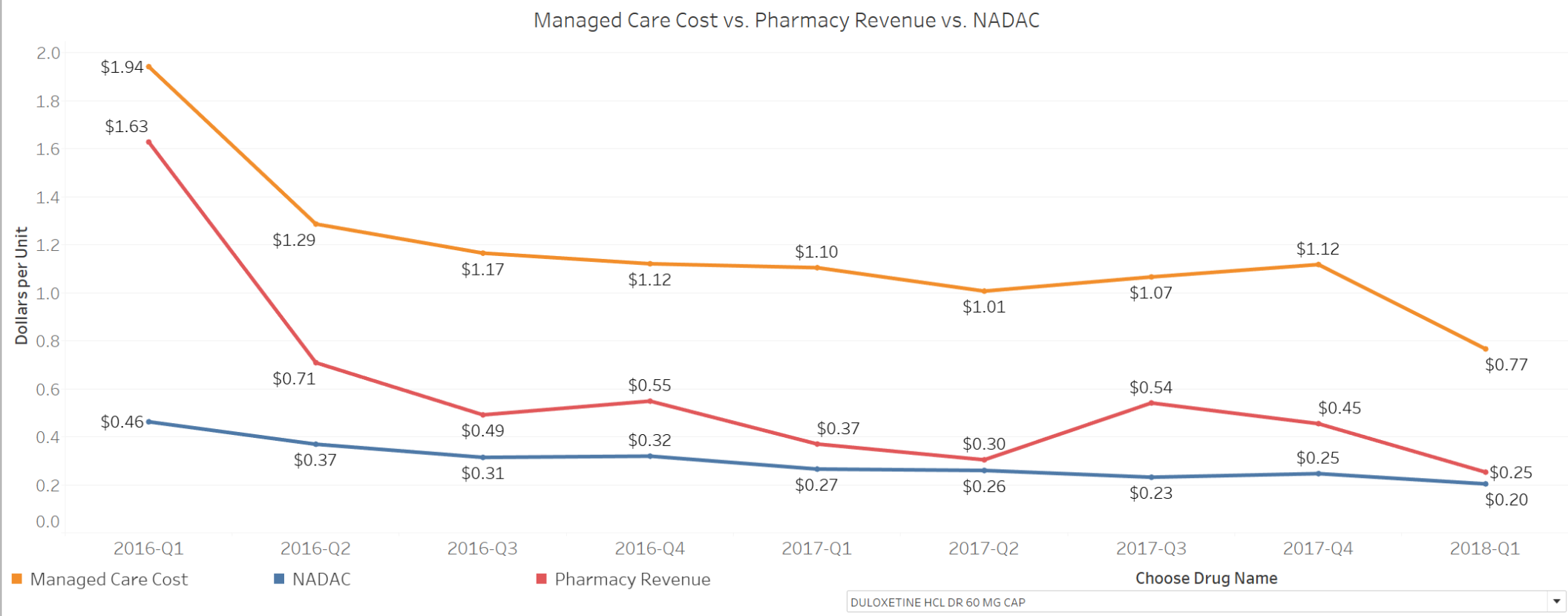
NADAC Ingredient Cost	Pharmacy Margin Dollars (NADAC-based)	Spread Dollars	Total Amount Reimbursed
\$388,112	\$123,632	\$1,034,363	\$1,546,107



DULOXETINE HCL DR 60 MG CAP

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

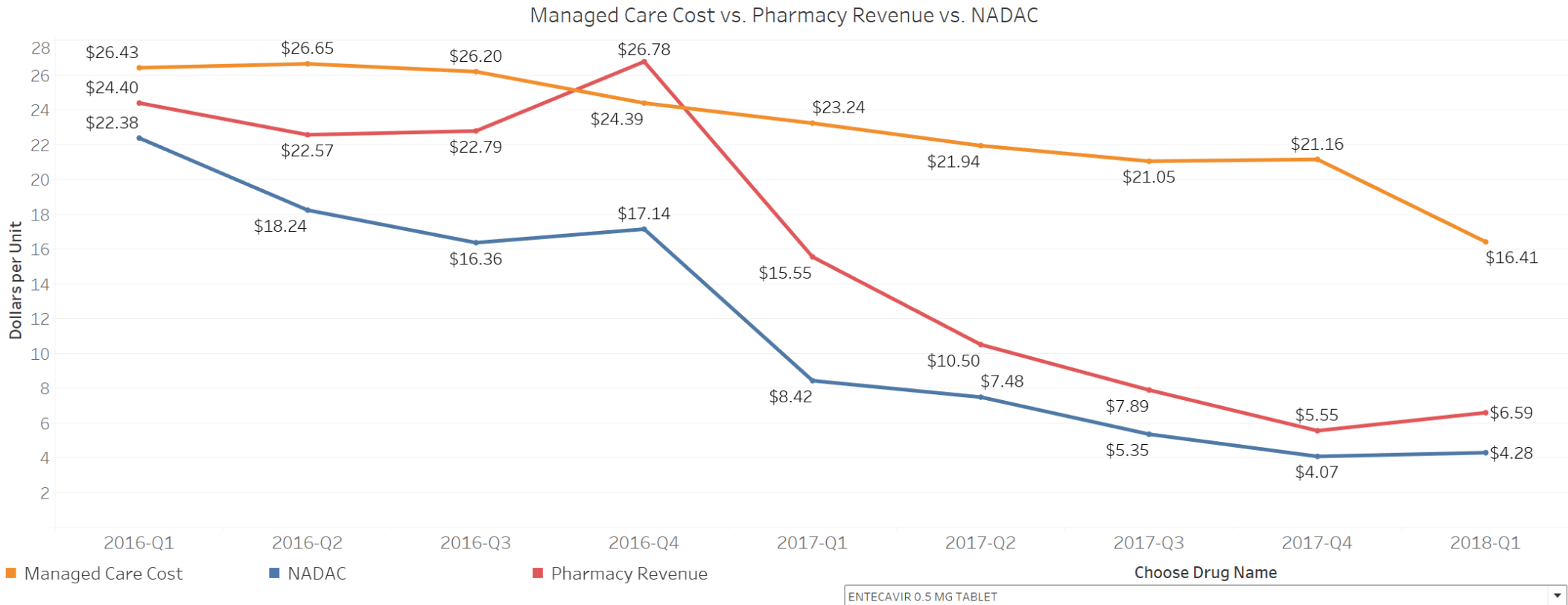
NADAC Ingredient Cost	Pharmacy Margin Dollars (NADAC-based)	Spread Dollars	Total Amount Reimbursed
\$558,089	\$399,814	\$1,409,589	\$2,367,492



ENTECAVIR 0.5 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost	Pharmacy Margin Dollars (NADAC-based)	Spread Dollars	Total Amount Reimbursed
\$1,660,789	\$720,235	\$4,060,337	\$6,441,361



ESOMEPRAZOLE MAG DR 40 MG CAP

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

\$178,809

Pharmacy Margin Dollars
(NADAC-based)

\$38,260

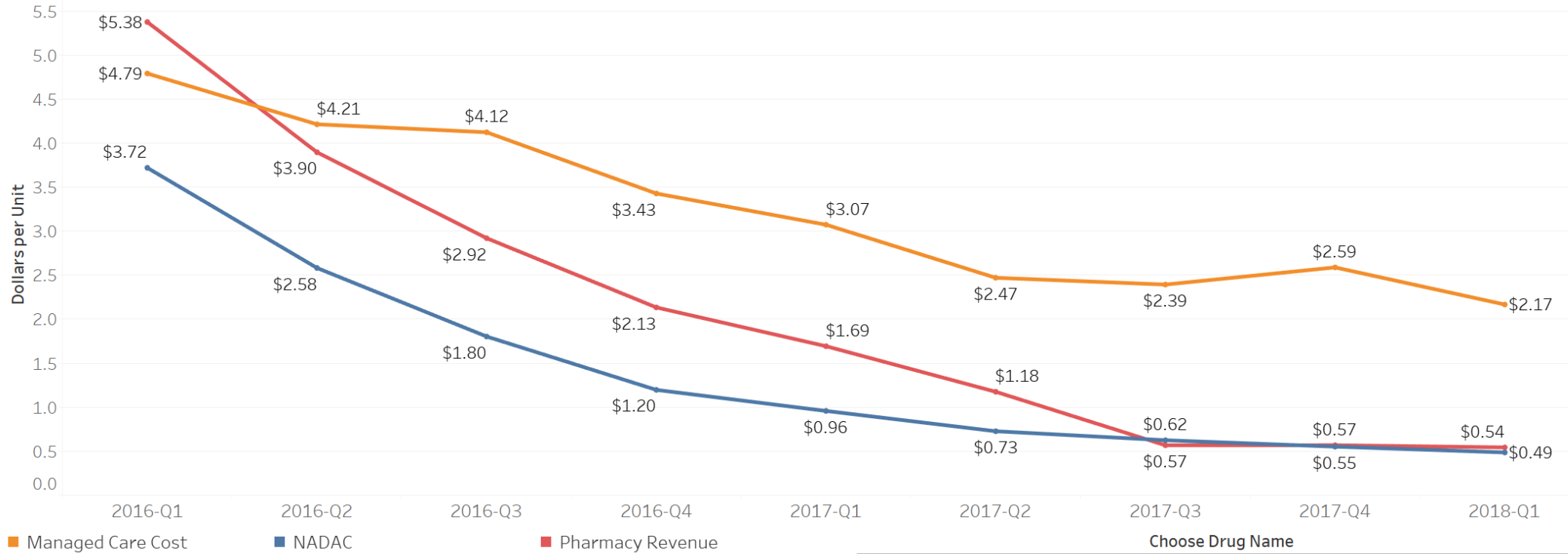
Spread Dollars

\$494,877

Total Amount Reimbursed

\$711,946

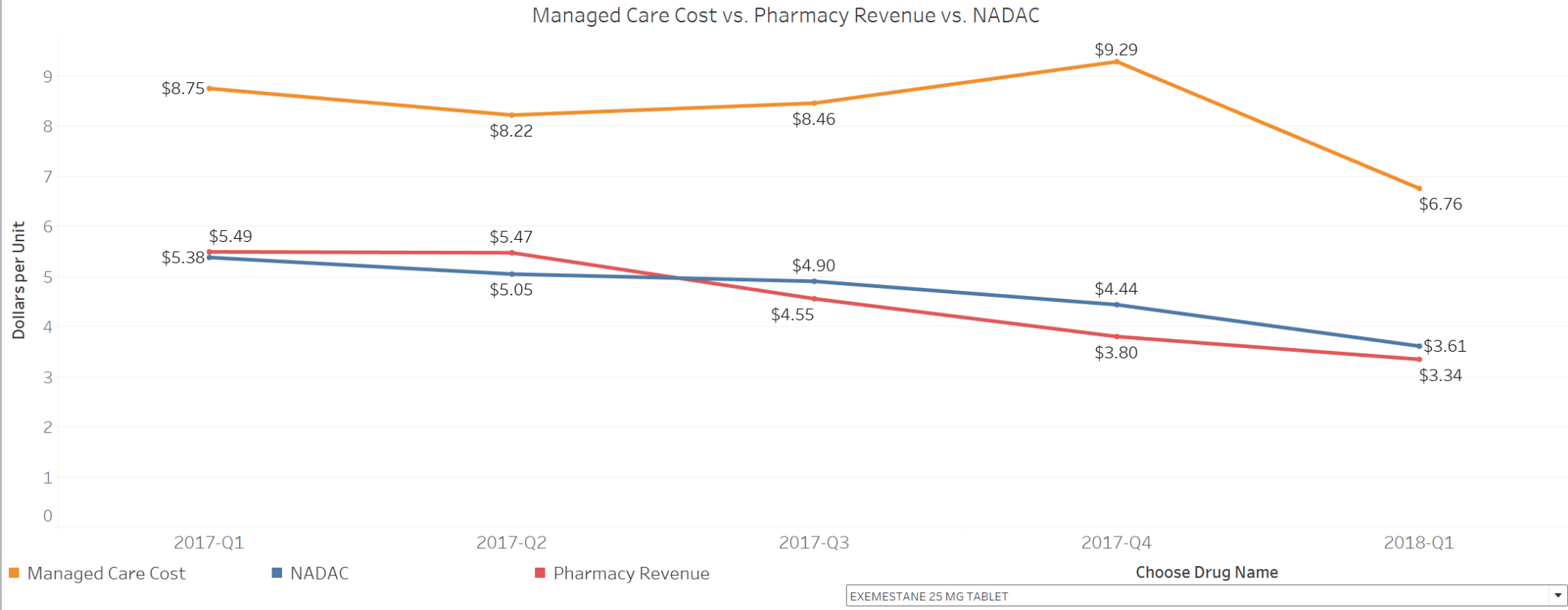
Managed Care Cost vs. Pharmacy Revenue vs. NADAC



EXEMESTANE 25 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost	Pharmacy Margin Dollars (NADAC-based)	Spread Dollars	Total Amount Reimbursed
\$516,347	(\$21,664)	\$438,735	\$933,418

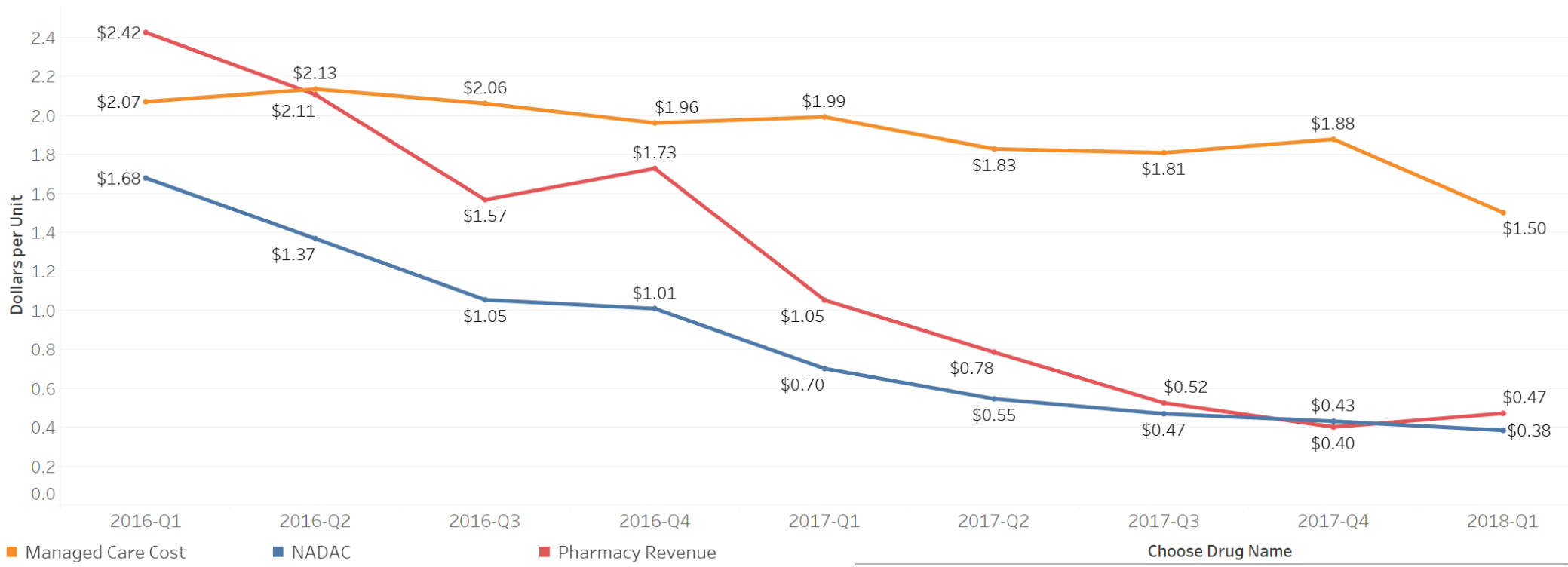


HYDROXYCHLOROQUINE 200 MG TAB

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost	Pharmacy Margin Dollars (NADAC-based)	Spread Dollars	Total Amount Reimbursed
\$1,120,582	\$215,089	\$2,954,580	\$4,290,250

Managed Care Cost vs. Pharmacy Revenue vs. NADAC



Choose Drug Name: HYDROXYCHLOROQUINE 200 MG TAB

LAMIVUDINE HBV 100 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

Pharmacy Margin Dollars
(NADAC-based)

Spread Dollars

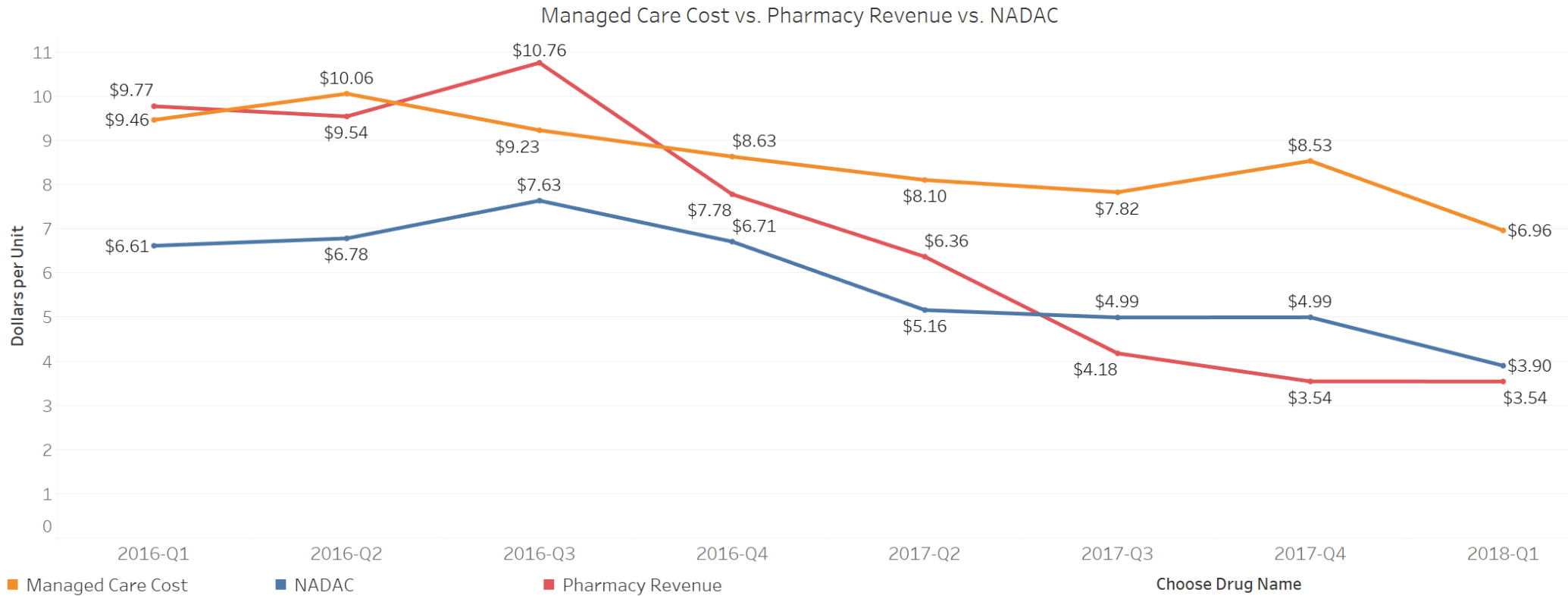
Total Amount Reimbursed

\$96,923

(\$12,847)

\$77,891

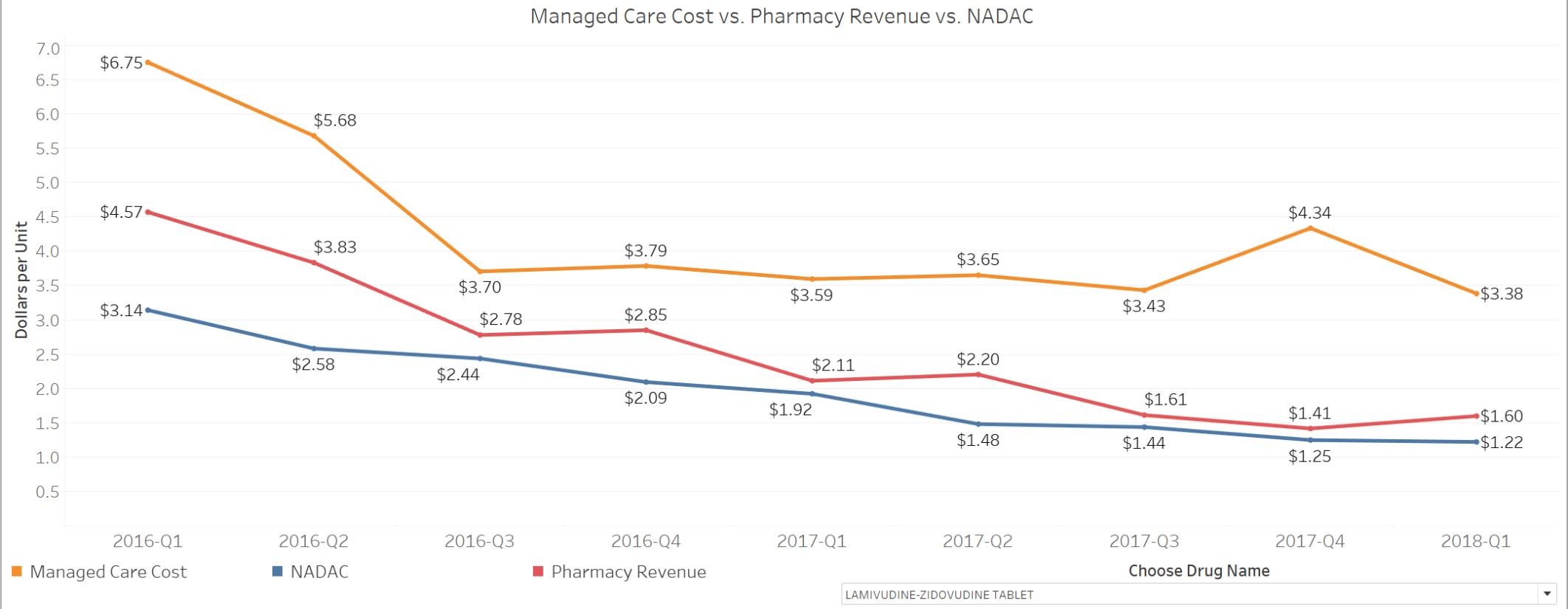
\$161,967



LAMIVUDINE-ZIDOVUDINE TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

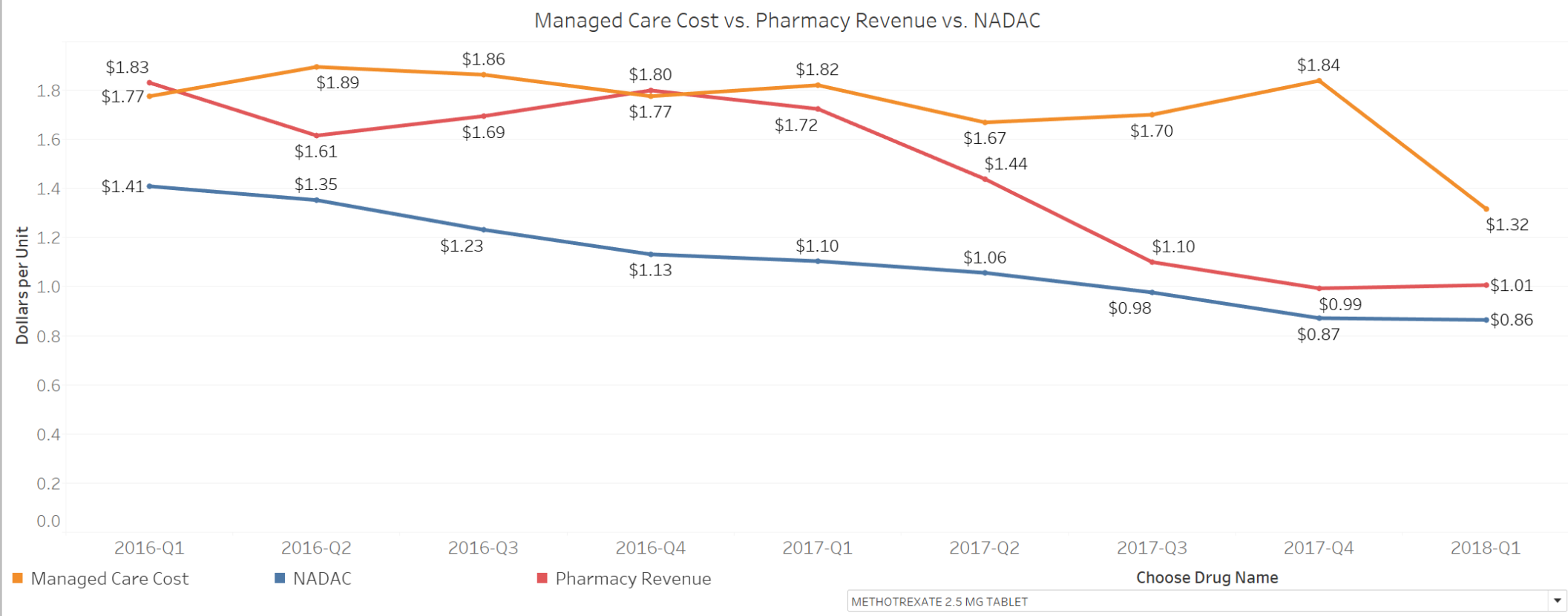
NADAC Ingredient Cost	Pharmacy Margin Dollars (NADAC-based)	Spread Dollars	Total Amount Reimbursed
\$126,763	\$45,540	\$161,279	\$333,582



METHOTREXATE 2.5 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost	Pharmacy Margin Dollars (NADAC-based)	Spread Dollars	Total Amount Reimbursed
\$1,104,342	\$232,429	\$564,984	\$1,901,755



MYCOPHENOLATE 250 MG CAPSULE

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

\$46,695

Pharmacy Margin Dollars
(NADAC-based)

(\$8,249)

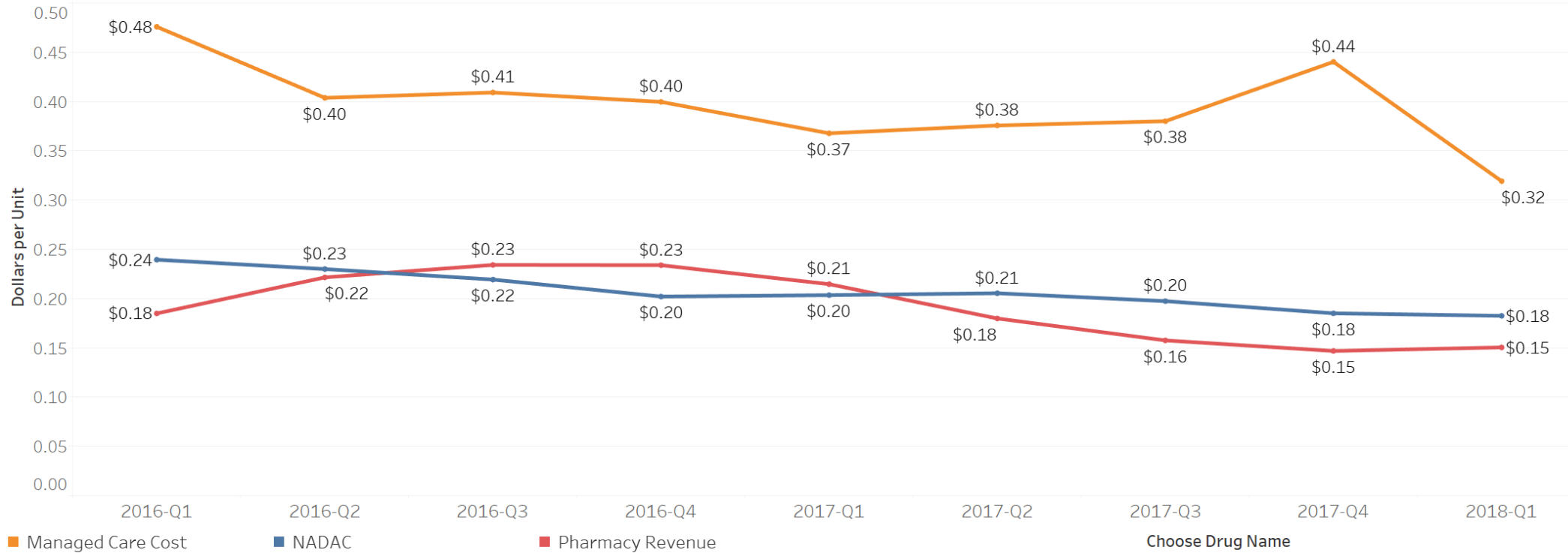
Spread Dollars

\$53,529

Total Amount Reimbursed

\$91,975

Managed Care Cost vs. Pharmacy Revenue vs. NADAC

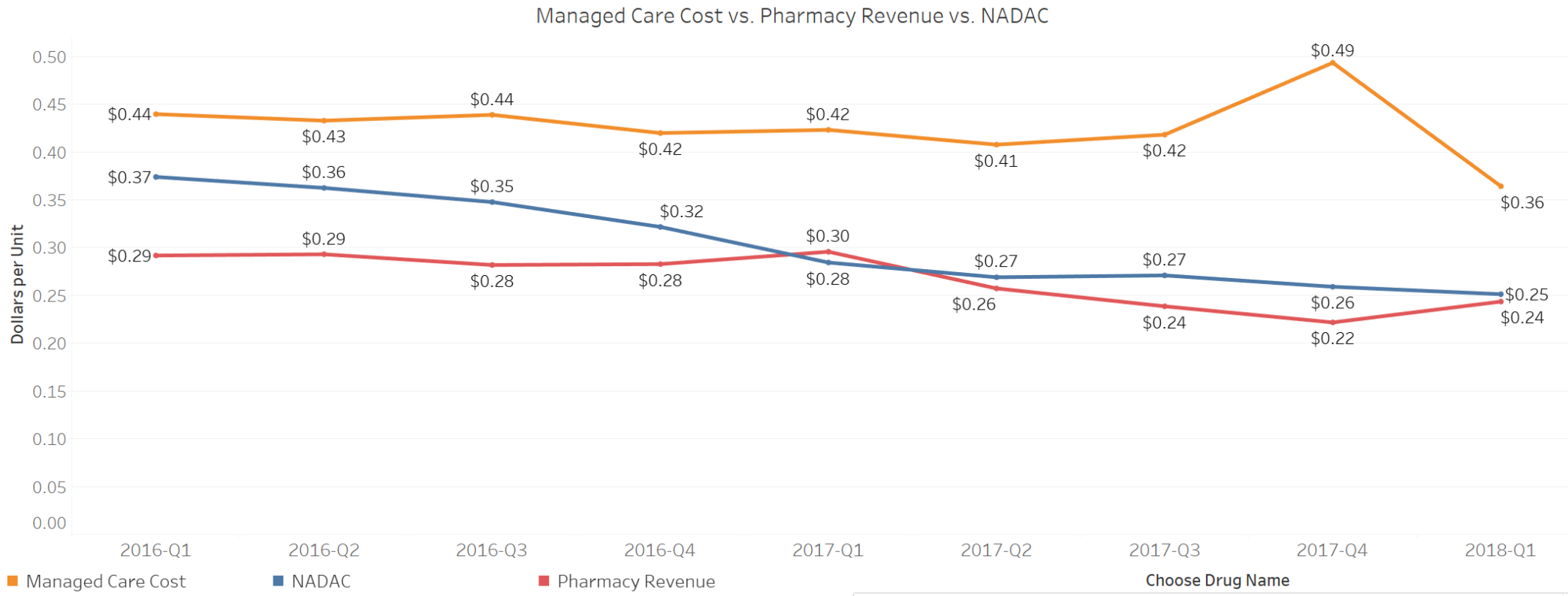


Choose Drug Name
MYCOPHENOLATE 250 MG CAPSULE

MYCOPHENOLATE 500 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost	Pharmacy Margin Dollars (NADAC-based)	Spread Dollars	Total Amount Reimbursed
\$264,032	(\$22,121)	\$175,578	\$417,490



OLANZAPINE 10 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

\$107,438

Pharmacy Margin Dollars
(NADAC-based)

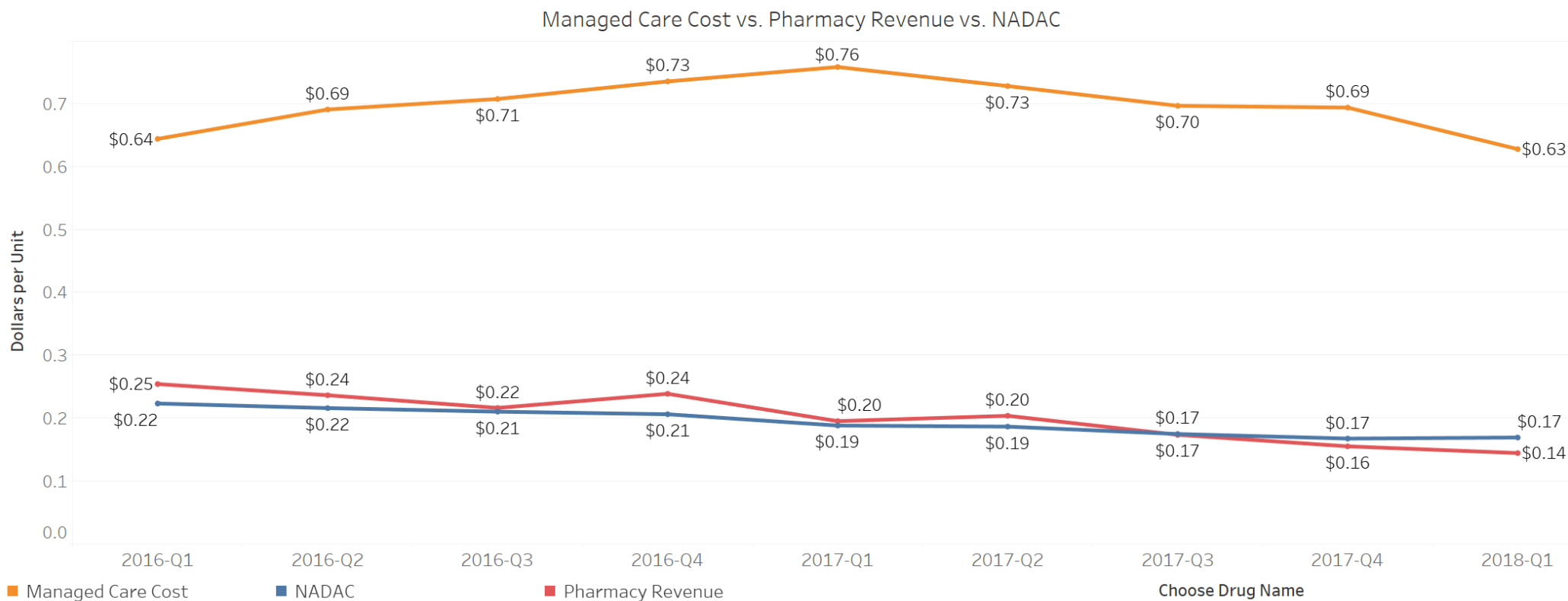
(\$2,993)

Spread Dollars

\$318,334

Total Amount Reimbursed

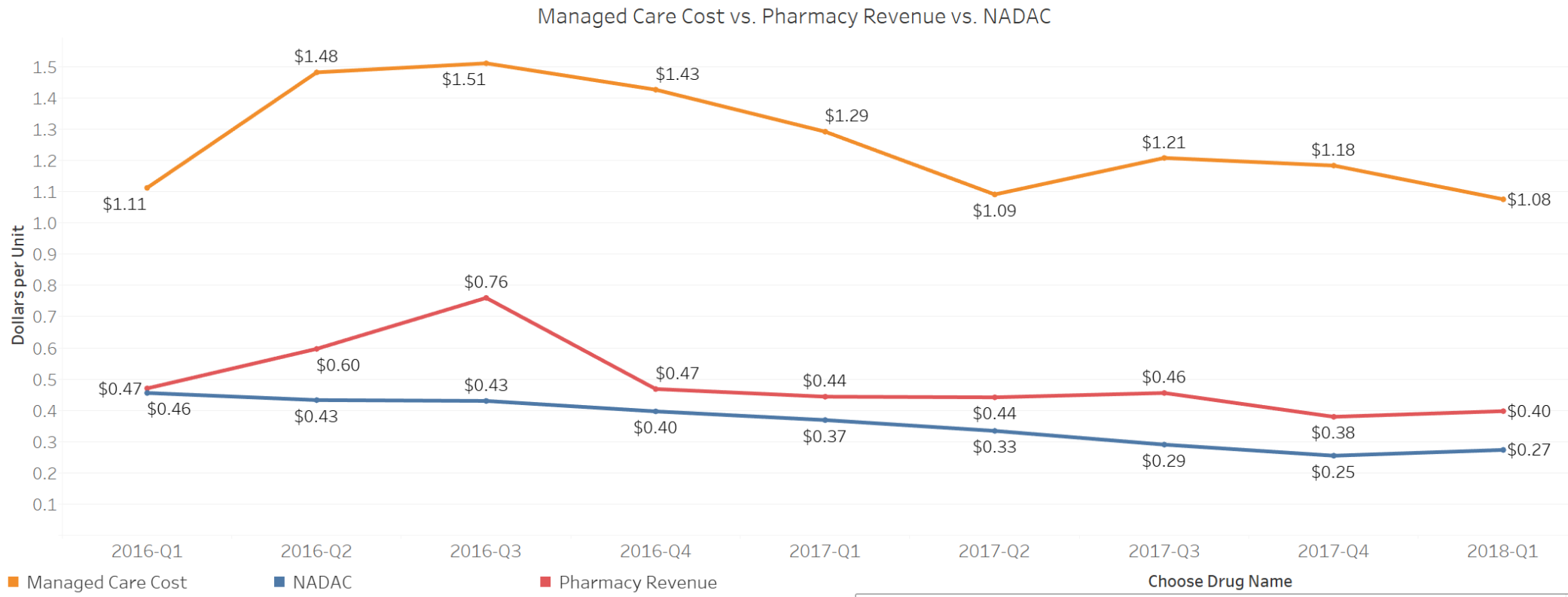
\$422,779



OLANZAPINE 20 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost	Pharmacy Margin Dollars (NADAC-based)	Spread Dollars	Total Amount Reimbursed
\$99,419	\$45,330	\$251,862	\$396,611



ONDANSETRON ODT 4 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

Pharmacy Margin Dollars
(NADAC-based)

Spread Dollars

Total Amount Reimbursed

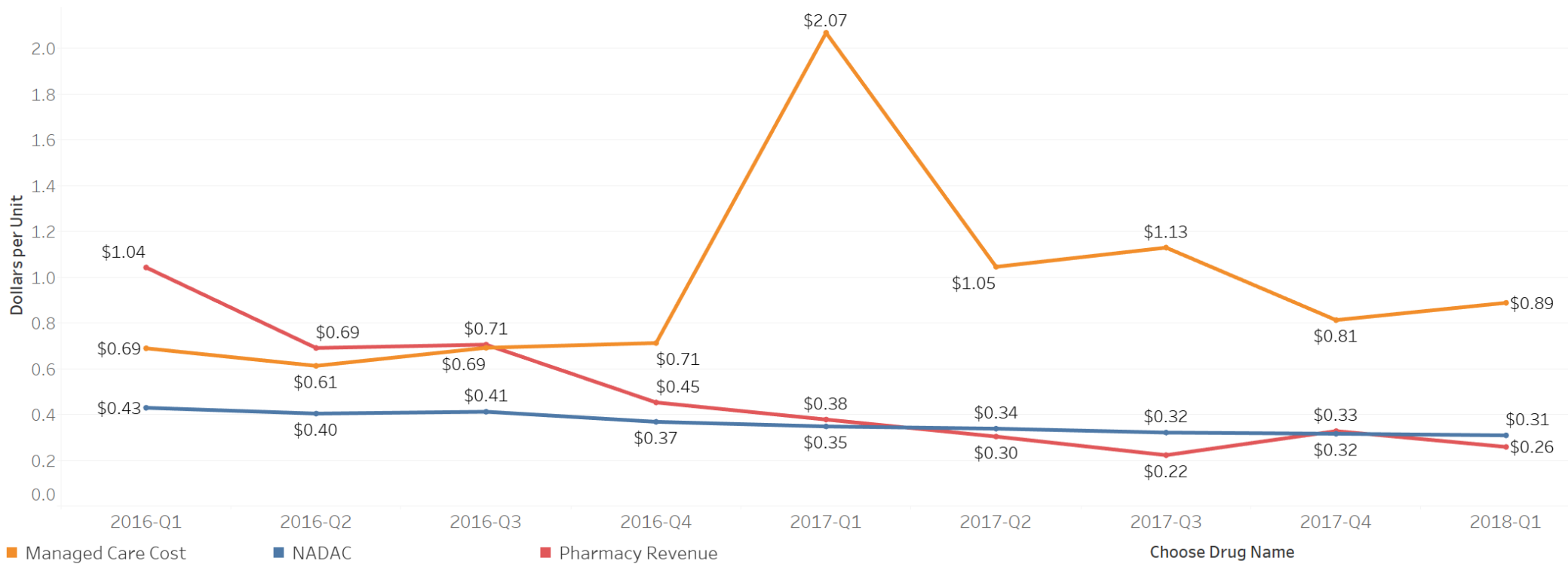
\$379,470

(\$51,634)

\$802,570

\$1,130,406

Managed Care Cost vs. Pharmacy Revenue vs. NADAC



Choose Drug Name: ONDANSETRON ODT 4 MG TABLET

OXYBUTYNIN CL ER 15 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

\$108,842

Pharmacy Margin Dollars
(NADAC-based)

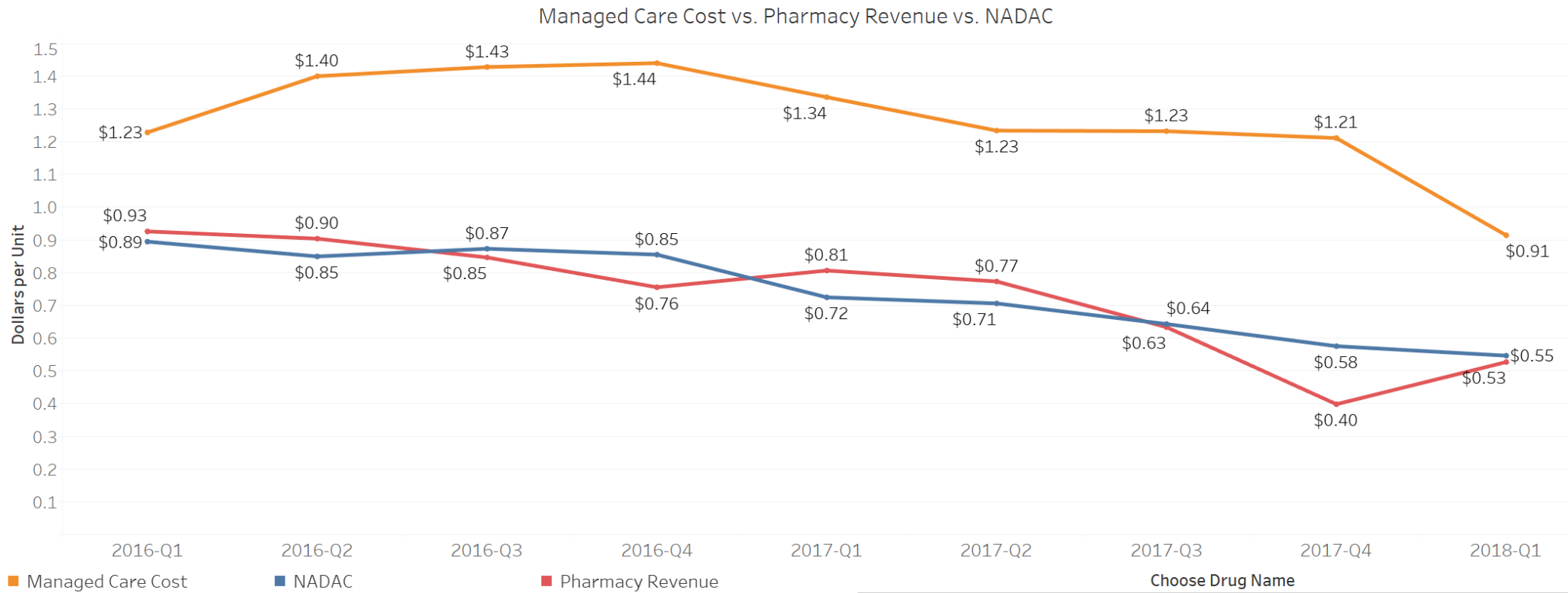
(\$6,464)

Spread Dollars

\$98,886

Total Amount Reimbursed

\$201,264



OXYCODONE HCL 30 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

Pharmacy Margin Dollars
(NADAC-based)

Spread Dollars

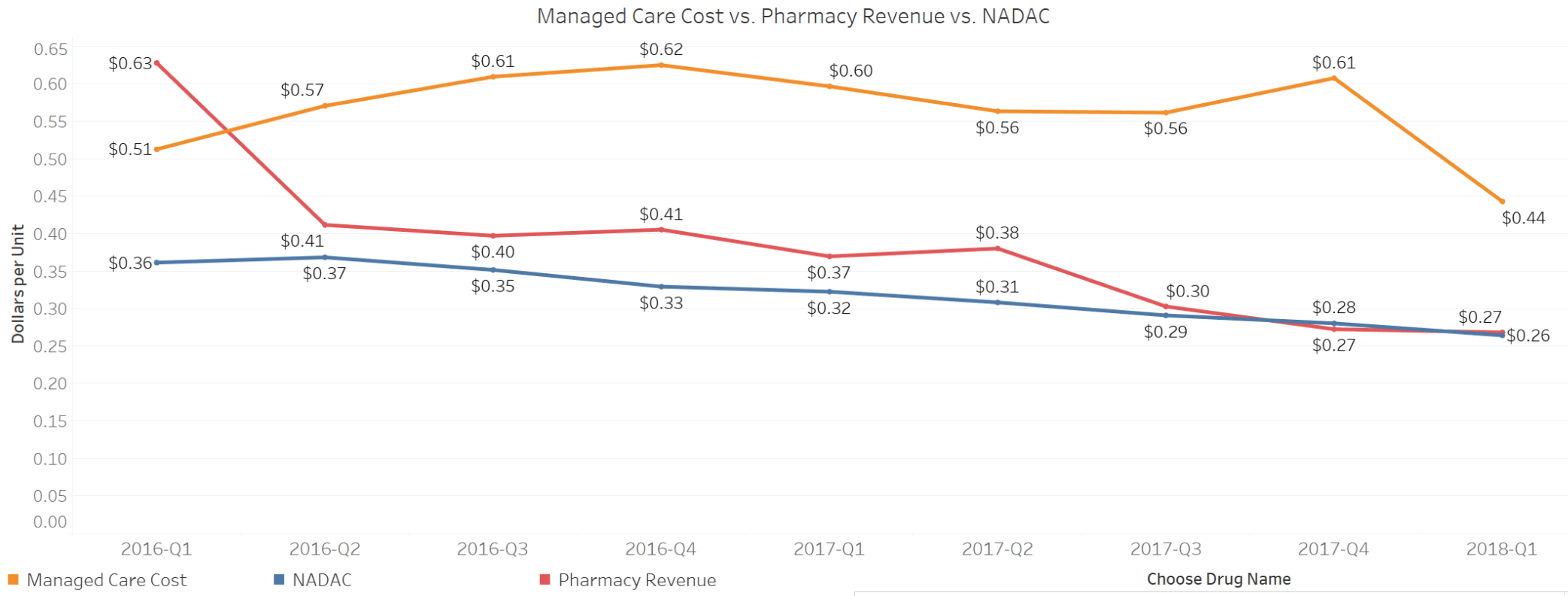
Total Amount Reimbursed

\$1,898,882

\$130,374

\$1,596,426

\$3,625,682



OXYCODONE-ACETAMINOPHEN 7.5-325 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

\$129,749

Pharmacy Margin Dollars
(NADAC-based)

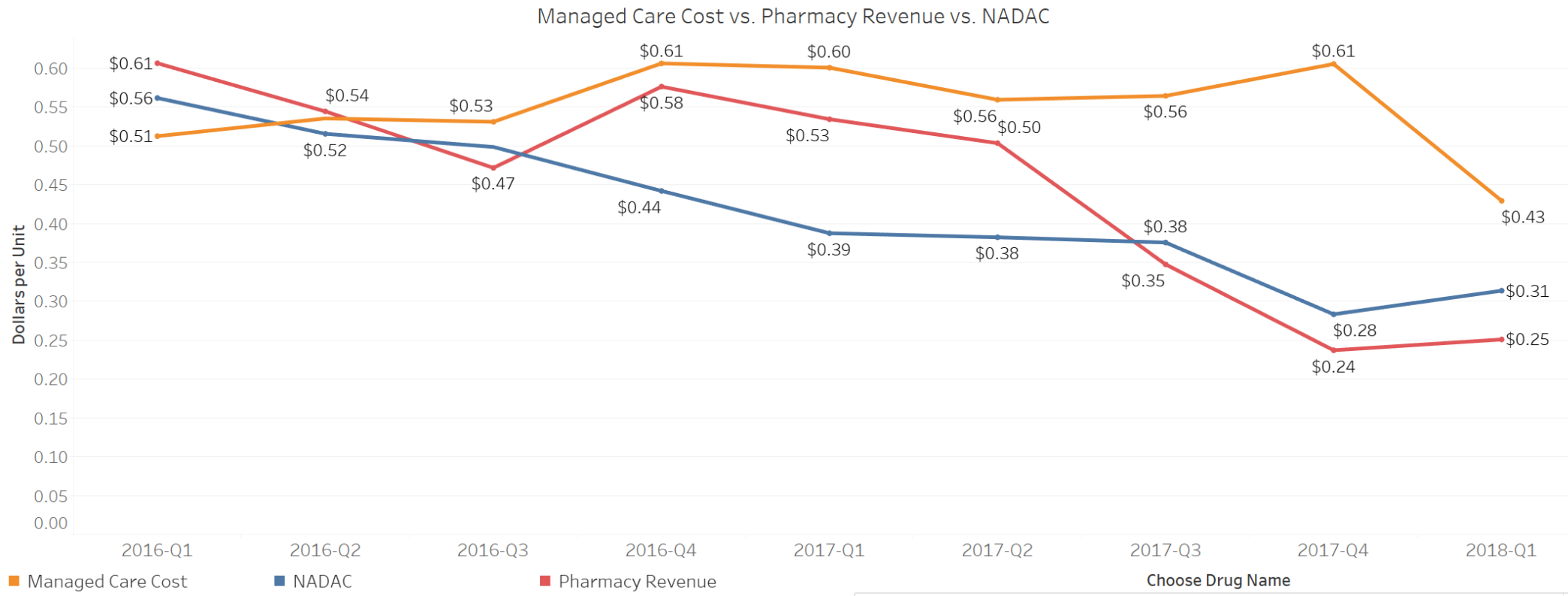
(\$2,221)

Spread Dollars

\$80,022

Total Amount Reimbursed

\$207,550



PIOGLITAZONE HCL 30 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

Pharmacy Margin Dollars
(NADAC-based)

Spread Dollars

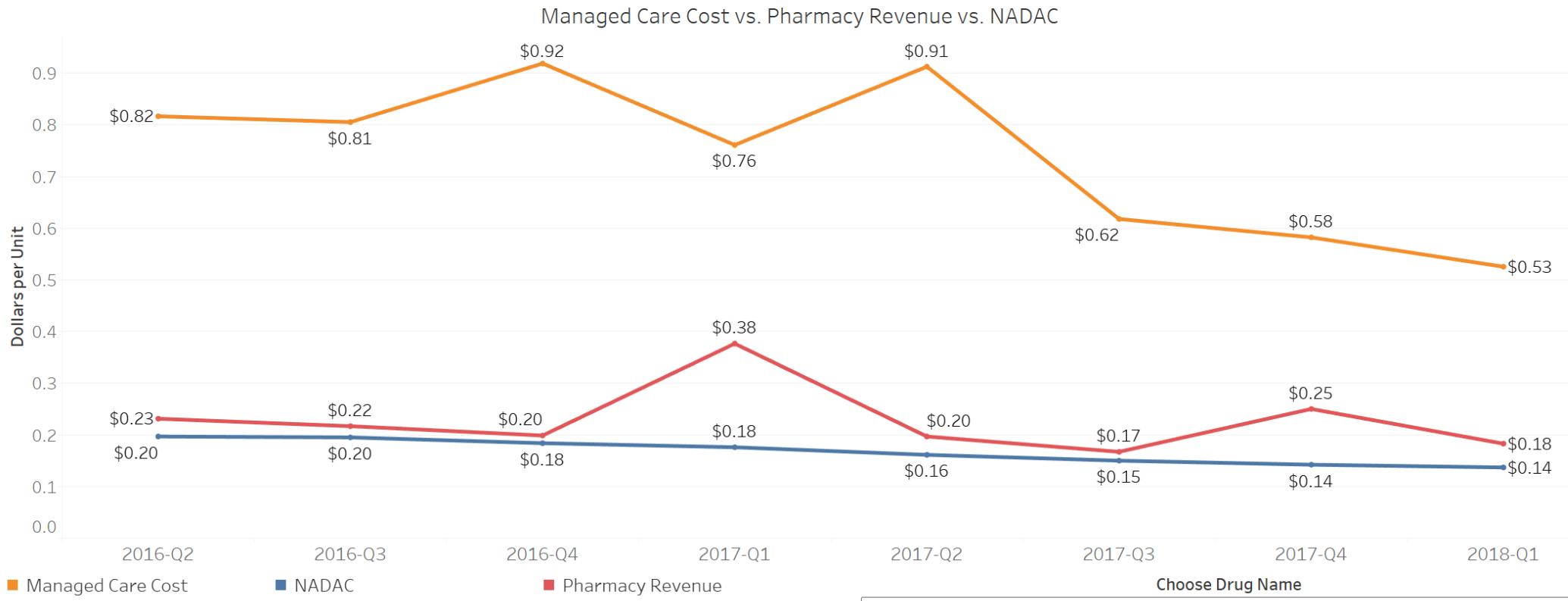
Total Amount Reimbursed

\$31,362

\$11,282

\$97,465

\$140,109



QUETIAPINE FUMARATE 300 MG TAB

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

Pharmacy Margin Dollars
(NADAC-based)

Spread Dollars

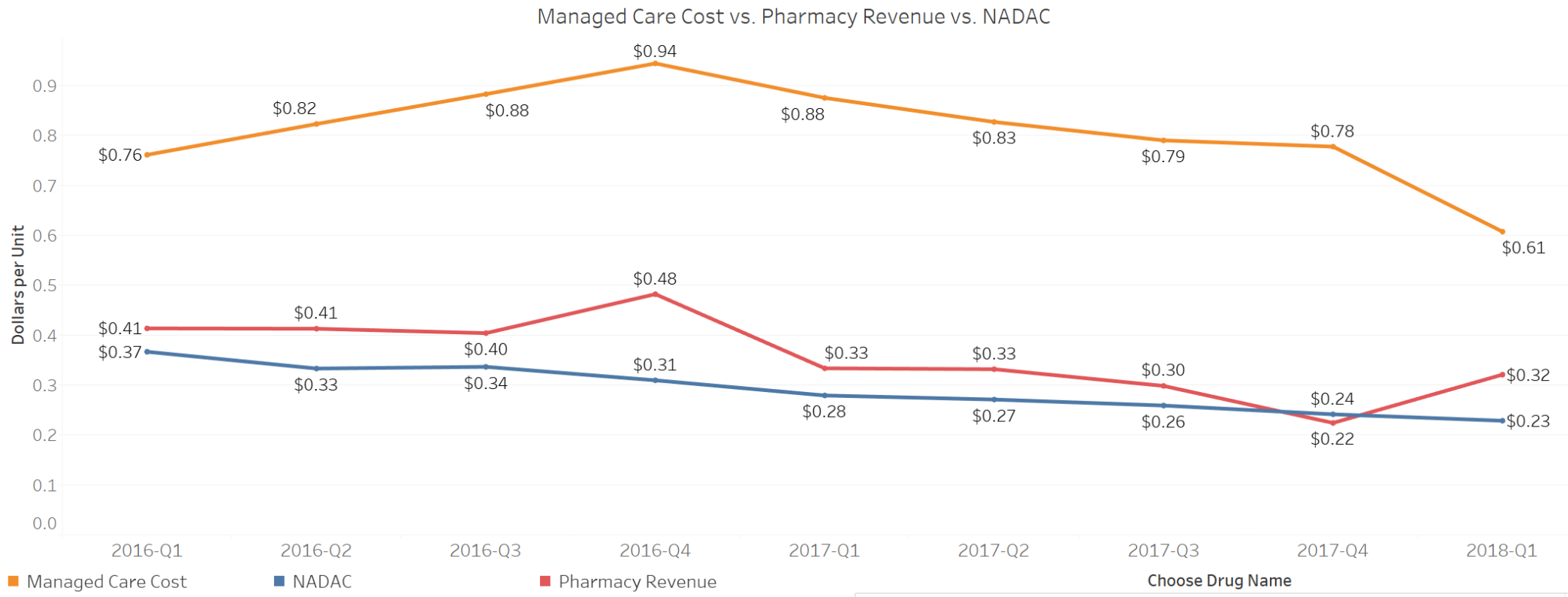
Total Amount Reimbursed

\$216,701

\$41,779

\$391,280

\$649,760



ROSUVASTATIN CALCIUM 20 MG TAB

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

Pharmacy Margin Dollars
(NADAC-based)

Spread Dollars

Total Amount Reimbursed

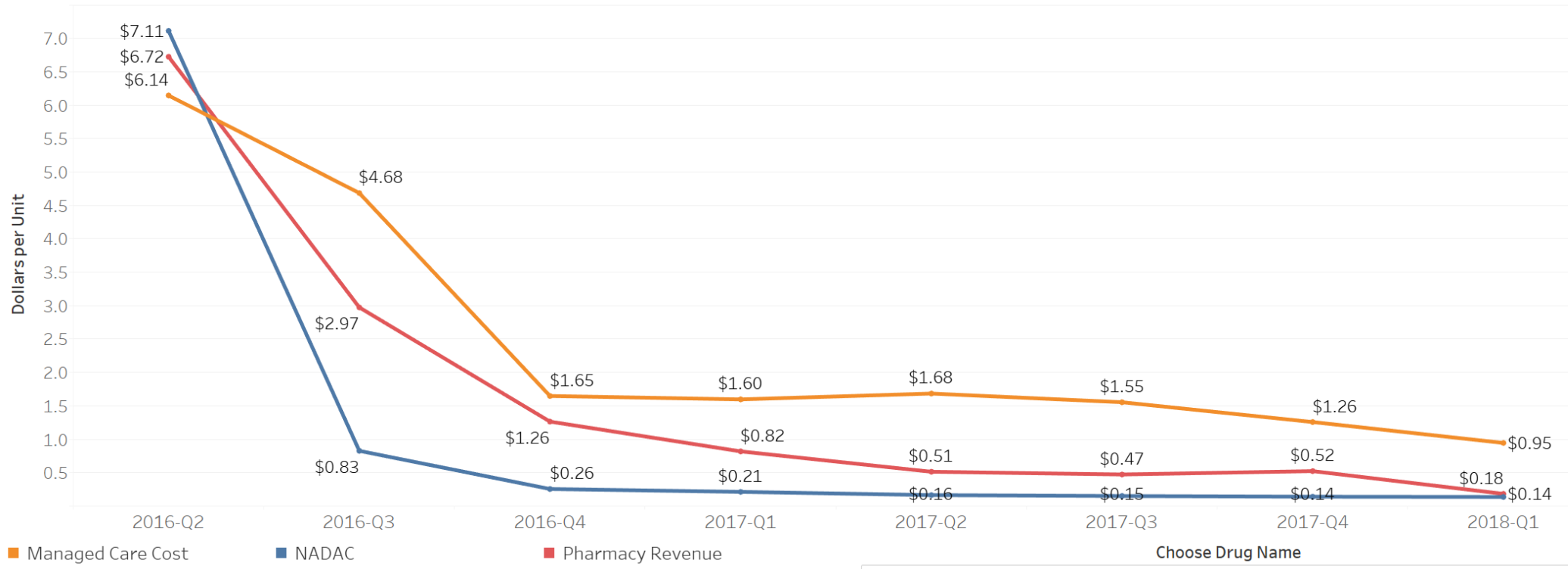
\$30,756

\$55,408

\$200,698

\$286,863

Managed Care Cost vs. Pharmacy Revenue vs. NADAC

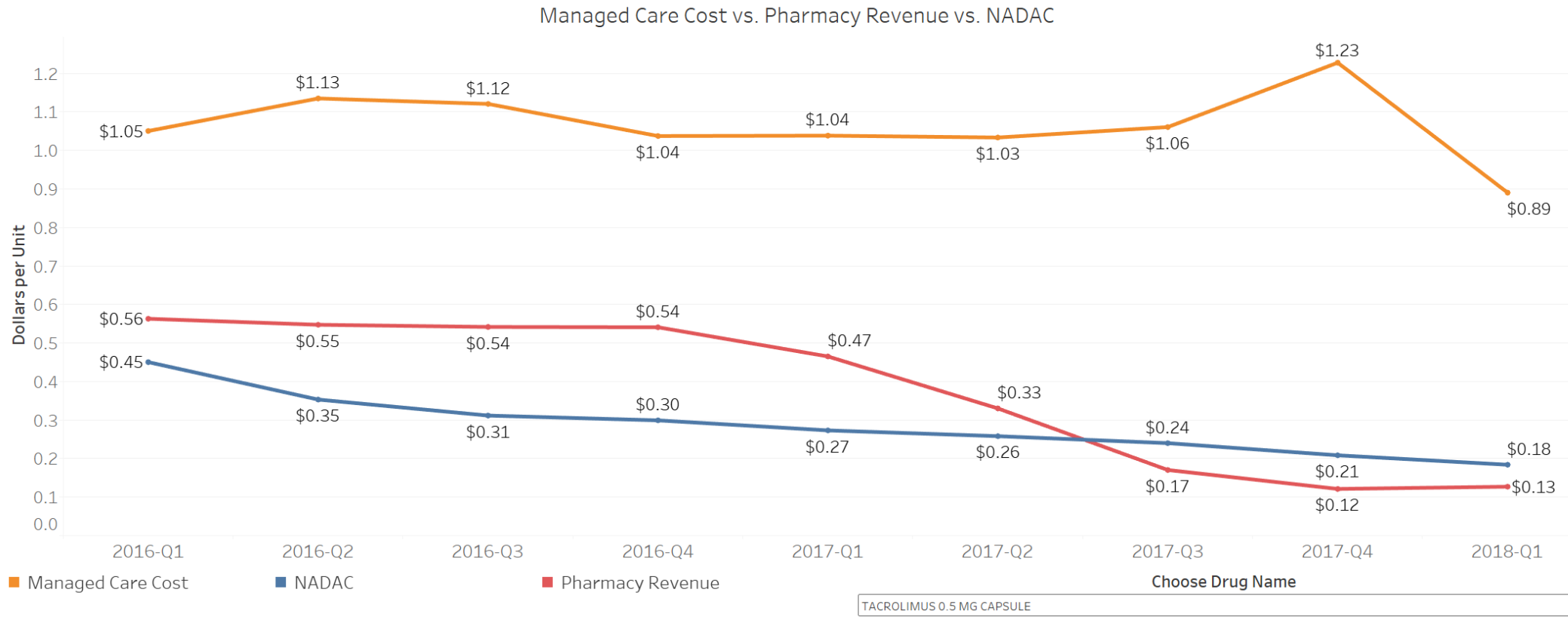


Choose Drug Name
ROSUVASTATIN CALCIUM 20 MG TAB

TACROLIMUS 0.5 MG CAPSULE

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost	Pharmacy Margin Dollars (NADAC-based)	Spread Dollars	Total Amount Reimbursed
\$98,523	(\$16,248)	\$385,709	\$467,984



TACROLIMUS 1 MG CAPSULE

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

\$823,964

Pharmacy Margin Dollars
(NADAC-based)

(\$60,438)

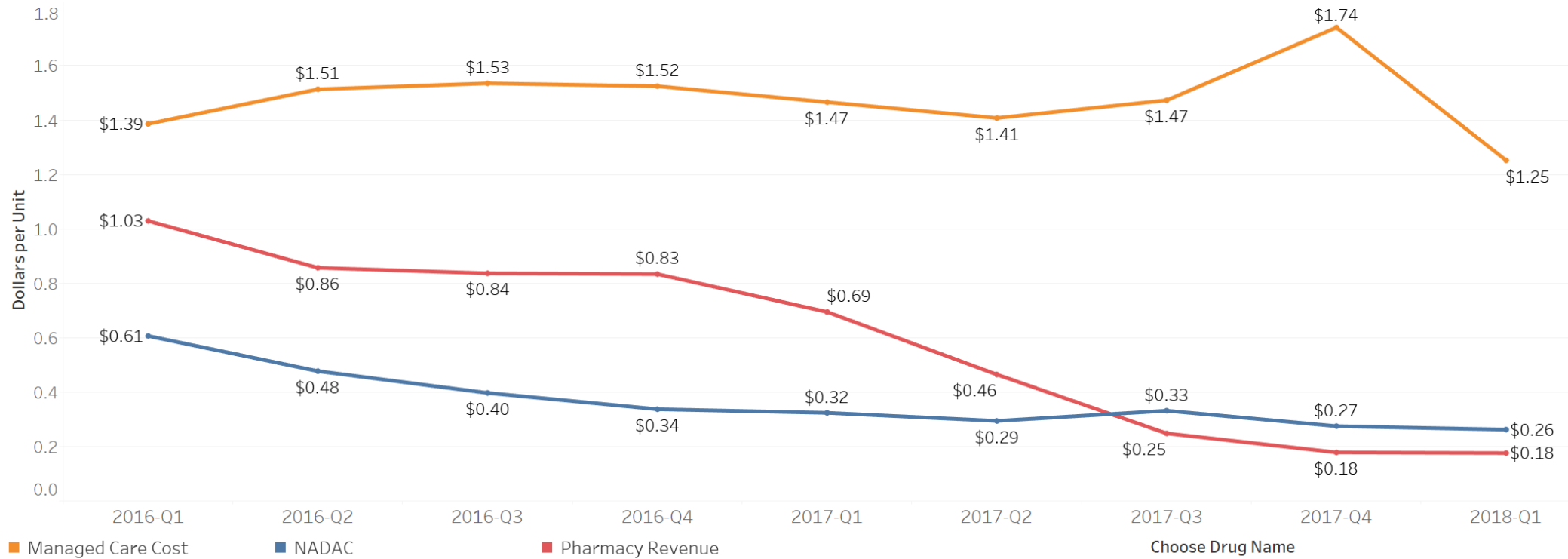
Spread Dollars

\$3,377,869

Total Amount Reimbursed

\$4,141,395

Managed Care Cost vs. Pharmacy Revenue vs. NADAC

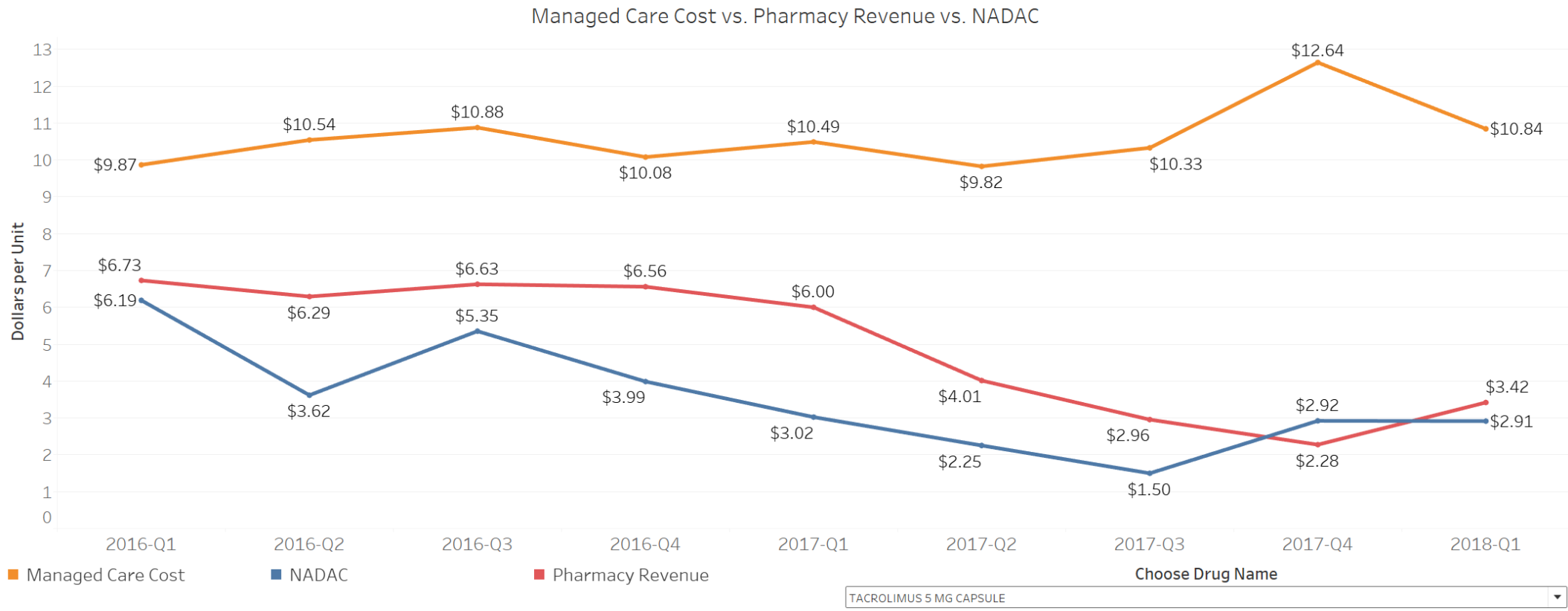


TACROLIMUS 1 MG CAPSULE

TACROLIMUS 5 MG CAPSULE

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost	Pharmacy Margin Dollars (NADAC-based)	Spread Dollars	Total Amount Reimbursed
\$471,198	\$146,520	\$1,524,717	\$2,142,435



VALACYCLOVIR HCL 1 GRAM TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

Pharmacy Margin Dollars
(NADAC-based)

Spread Dollars

Total Amount Reimbursed

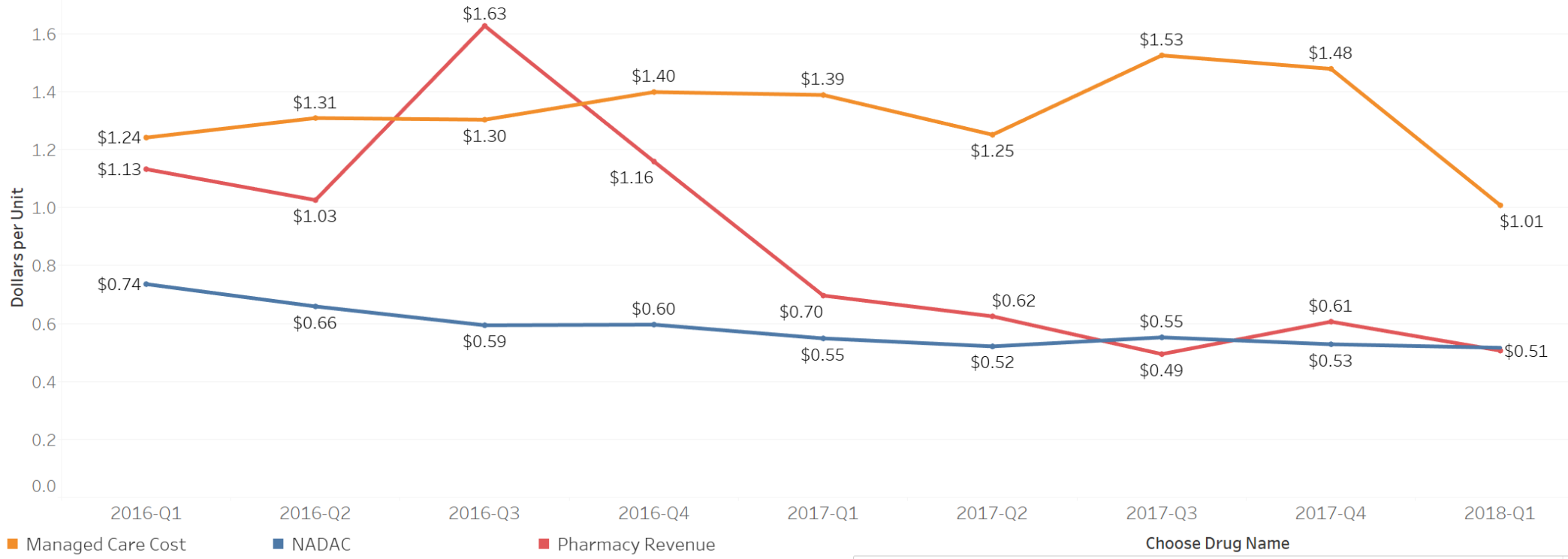
\$524,726

\$47,587

\$752,855

\$1,325,168

Managed Care Cost vs. Pharmacy Revenue vs. NADAC



Choose Drug Name
VALACYCLOVIR HCL 1 GRAM TABLET

VALACYCLOVIR HCL 500 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

\$282,638

Pharmacy Margin Dollars
(NADAC-based)

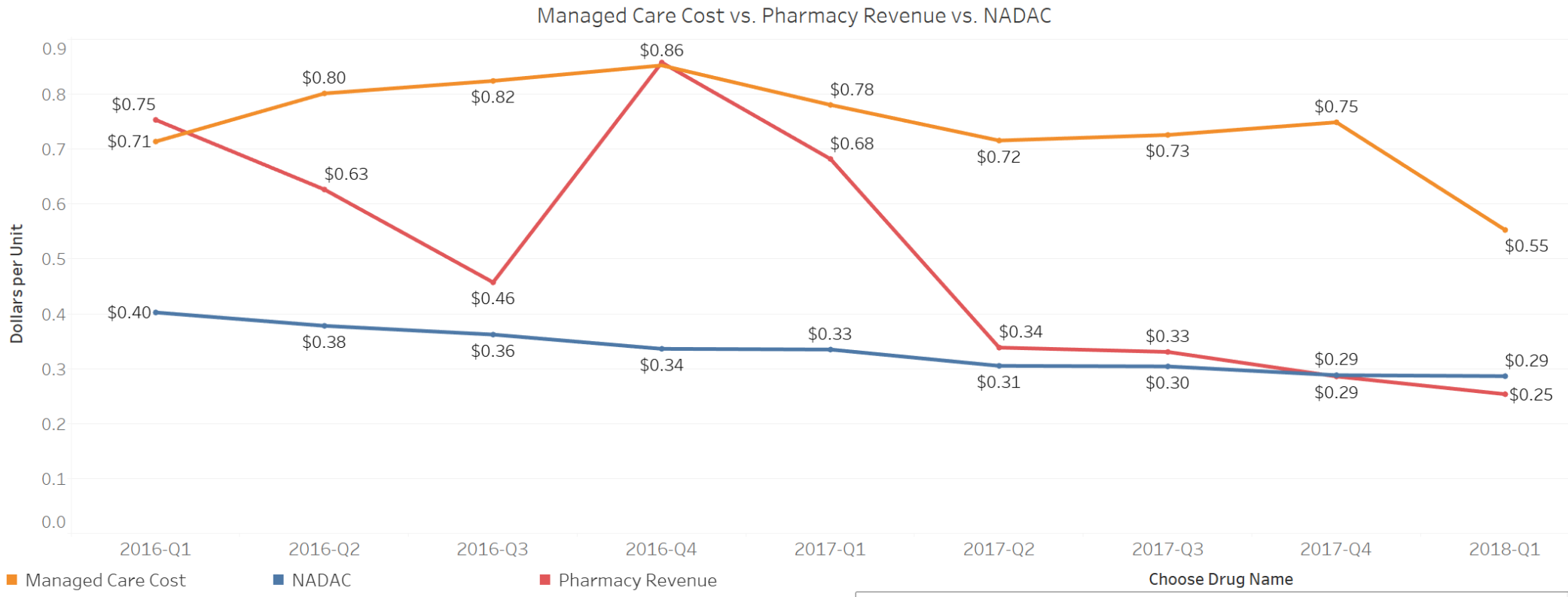
\$5,728

Spread Dollars

\$369,771

Total Amount Reimbursed

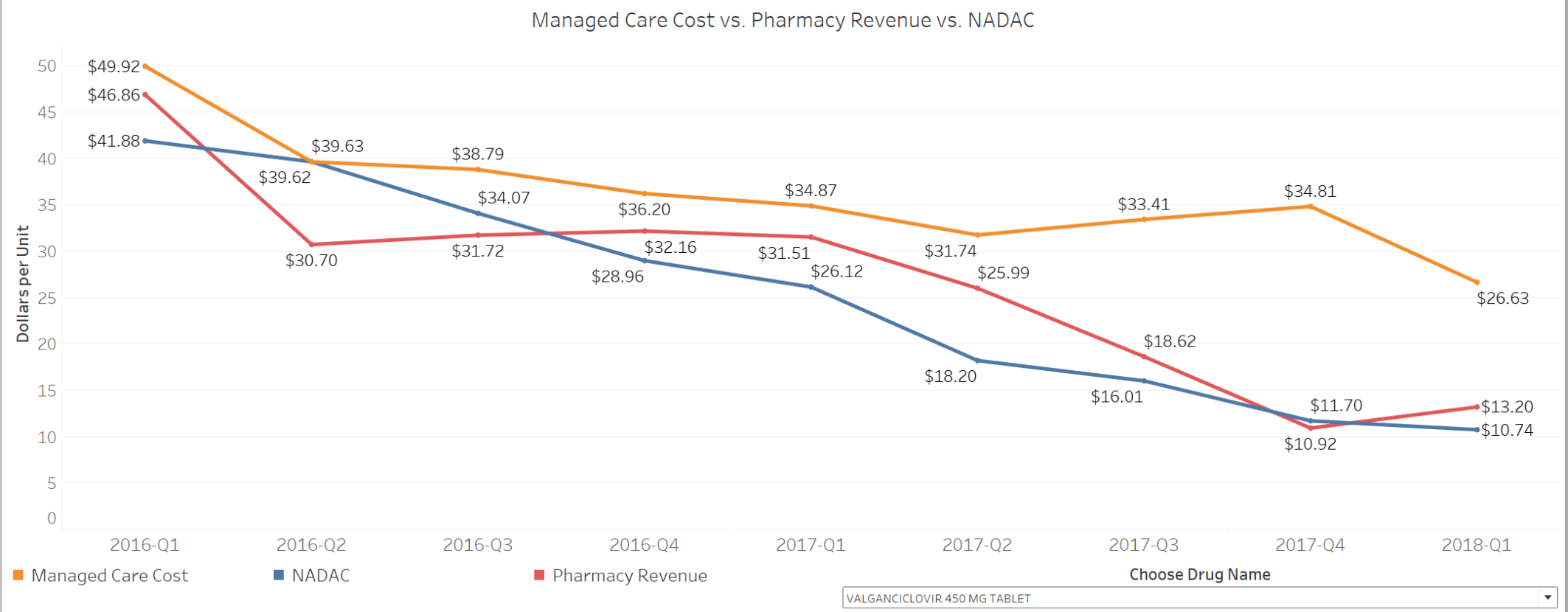
\$658,137



VALGANCICLOVIR 450 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost	Pharmacy Margin Dollars (NADAC-based)	Spread Dollars	Total Amount Reimbursed
\$1,785,697	\$396,015	\$1,722,791	\$3,904,503



VALSARTAN 160 MG TABLET

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

\$54,475

Pharmacy Margin Dollars
(NADAC-based)

\$35,658

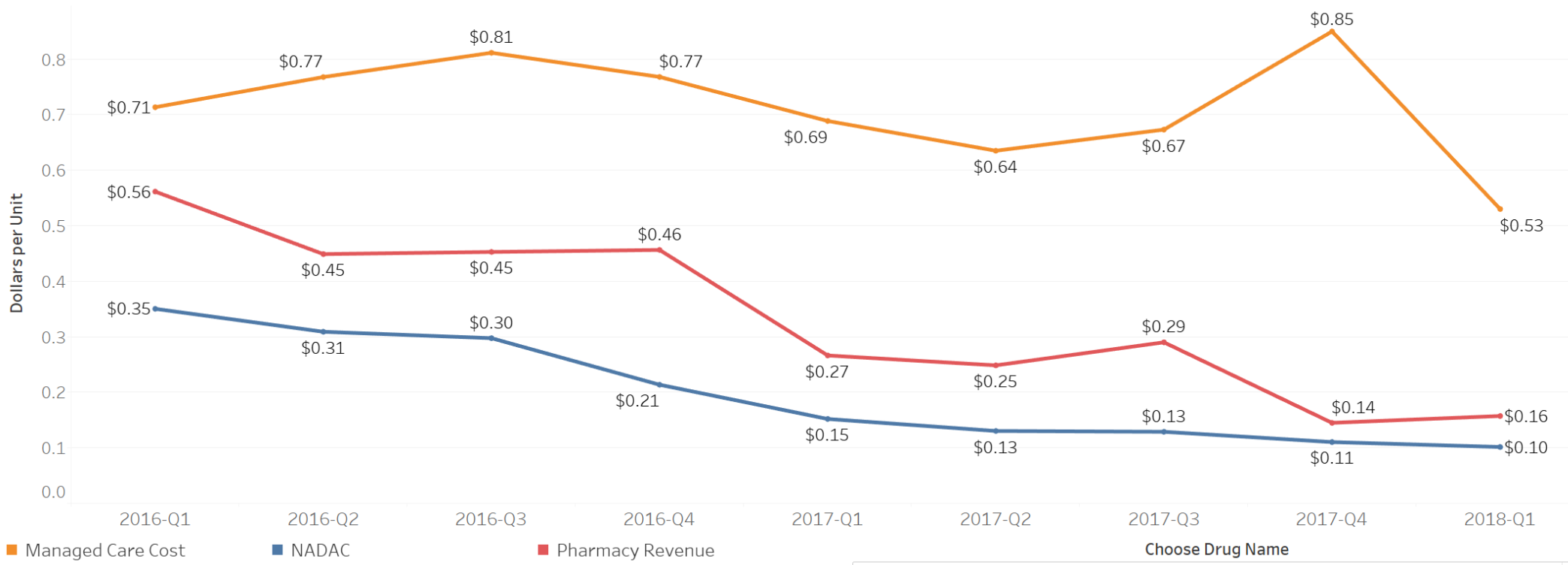
Spread Dollars

\$231,747

Total Amount Reimbursed

\$321,880

Managed Care Cost vs. Pharmacy Revenue vs. NADAC



Choose Drug Name
VALSARTAN 160 MG TABLET

ZOLPIDEM TART ER 12.5 MG TAB

April 1, 2017 - March 31, 2018 Cost Breakdown - NY Medicaid Managed Care

NADAC Ingredient Cost

\$172,557

Pharmacy Margin Dollars
(NADAC-based)

\$28,778

Spread Dollars

\$182,824

Total Amount Reimbursed

\$384,159

