2017 Comparative Price Report
International Variation in Medical and Drug Prices

December 2019
Medical Prices in 2017 as a Percent of US Prices

<table>
<thead>
<tr>
<th>Hospital/Admissions</th>
<th>USA</th>
<th>UK</th>
<th>Switzerland</th>
<th>Australia</th>
<th>New Zealand</th>
<th>South Africa</th>
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<tbody>
<tr>
<td>Hip Replacement</td>
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<td>Knee Replacement</td>
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<td>Normal Delivery</td>
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<td>C-Section</td>
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<td>Angioplasty</td>
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<td>Bypass Surgery</td>
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<td>Inpatient Appendectomy</td>
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<table>
<thead>
<tr>
<th>Physician/Outpatient Services</th>
<th>USA</th>
<th>UK</th>
<th>Switzerland</th>
<th>Australia</th>
<th>New Zealand</th>
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<tbody>
<tr>
<td>Angiogram</td>
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<td>Cardiac Catheterization</td>
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<tr>
<td>Cataract Surgery (single visit)</td>
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<tr>
<td>Colonscopy</td>
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<td>CT Scan Abdomen</td>
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<td>MRI Scan</td>
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<td>Outpatient Appendectomy</td>
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Percent of US Price

0%  20%  40%  60%  80%  100%  120%  140%
Drug Prices Were Almost Always Higher in the US

Drug Prices in 2017 as a Percent of US Prices

<table>
<thead>
<tr>
<th>Administered Drugs</th>
<th>USA</th>
<th>UK</th>
<th>Switzerland</th>
<th>Germany</th>
<th>UAE</th>
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<tbody>
<tr>
<td>Factor VIII</td>
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<tr>
<td>Herceptin (Trastuzumab)</td>
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<tr>
<td>Immune globulin injection</td>
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<tr>
<td>Keytruda (Pembrolizumab)</td>
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<table>
<thead>
<tr>
<th>Prescription Drugs</th>
<th>USA</th>
<th>UK</th>
<th>Switzerland</th>
<th>Germany</th>
<th>UAE</th>
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</thead>
<tbody>
<tr>
<td>Enbrel (Etanercept)</td>
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<tr>
<td>Harvoni (Ledipasvir/Sofosbuvir)</td>
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<tr>
<td>Humira Pen (Adalimumab)</td>
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<td>Kalydeco (Ivacaftor)</td>
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<tr>
<td>Victoza 3-Pak (Liraglutide)</td>
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<tr>
<td>Xarelto (Rivaroxaban)</td>
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<tr>
<td>Xeljanz (Tofacitinib Citrate)</td>
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</table>

Note: USA prescription drug prices are average point-of-sale price, which reflects discounts from the wholesale price, but not manufacturer rebates.
Cardiac Inpatient Costs

Hospital Admission Prices in 2017

Angioplasty

- USA: $32.2K
- UK: $11.7K
- New Zealand: $16.5K
- Australia: $14.7K
- UAE: $11.9K
- Switzerland: $7.4K
- South Africa: $9.0K
- Holland: $6.4K
Cardiac Inpatient Costs

Hospital Admission Prices in 2017

Bypass Surgery

- USA: $78.1K
- UK: $24.4K
- New Zealand: $37.8K
- Australia: $35.8K
- UAE: $33.1K
- Switzerland: $32.0K
- South Africa: $30.6K
- Holland: $11.7K
Orthopedic Inpatient Costs

Hospital Admission Prices in 2017
*Knee Replacement*

- **USA**: $29.6K
- **UK**: $12.7K
- **New Zealand**: $17.6K
- **Australia**: $18.6K
- **UAE**: $20.9K
- **Switzerland**: $18.3K
- **South Africa**: $10.5K
- **Holland**: $7.5K
Orthopedic Inpatient Costs

Hospital Admission Prices in 2017

Hip Replacement

USA: $32.5K
UK: $12.2K
New Zealand: $16.6K
Australia: $20.9K
UAE: $22.5K
Switzerland: $15.6K
South Africa: $10.5K
Holland: $6.9K
Hospital Admission Prices in 2017

Normal Delivery

- USA: $11.2K
- UK: $9.0K
- Australia: $6.1K
- UAE: $3.1K
- Switzerland: $5.1K
- South Africa: $1.9K
- Holland: $3.6K
Hospital Admission Prices in 2017

C-Section

- USA: $15.0K
- UK: $7.1K
- Australia: $8.4K
- UAE: $4.4K
- Switzerland: $7.5K
- South Africa: $3.2K
- Holland: $5.3K
Imaging Procedures Costs

Physician/Outpatient Prices in 2017
*CT Scan Abdomen*

- USA: $1,100
- UK: $470
- New Zealand: $580
- UAE: $310
- Switzerland: $330
- South Africa: $630
- Holland: $140
Physician/Outpatient Prices in 2017

**MRI Scan**

- **USA**: $1,430
- **UK**: $450
- **New Zealand**: $750
- **UAE**: $450
- **Switzerland**: $310
- **South Africa**: $500
- **Holland**: $190
Physician/Outpatient Prices in 2017

Angiogram

- USA: $1,270
- UK: $610
- New Zealand: $1,230
- UAE: $440
- Switzerland: $360
- South Africa: $710
- Holland: $140
Outpatient Procedure Costs

Physician/Outpatient Prices in 2017
Colonscopy

- USA: $2,870
- UK: $1,940
- New Zealand: $1,540
- UAE: $590
- Switzerland: $580
- South Africa: $570
- Holland: $710
Outpatient Procedures Costs

Physician/Outpatient Prices in 2017
Cardiac Catheterization

- USA: $7,090
- UK: $2,450
- UAE: $2,110
- Switzerland: $1,550
- South Africa: $2,920
Outpatient Procedure Costs

Physician/Outpatient Prices in 2017
Cataract Surgery (single visit)

- USA: $2,410
- New Zealand: $3,000
- UAE: $1,490
- Switzerland: $1,840
- South Africa: $2,050
- Holland: $870
Outpatient Procedure Costs

Physician/Outpatient Prices in 2017

Outpatient Appendectomy

- USA: $13,020
- UK: $3,050
- New Zealand: $6,710
- UAE: $1,160
- South Africa: $3,110
- Holland: $3,410
Administered Drug Prices in 2017
*Herceptin (Trastuzumab)*

- USA: $211
- UK: $133
- UAE: $76
- Germany: $48
- Switzerland: $47
- South Africa: $44
- Holland: $24
Administered Drug Prices in 2017
*Keytruda (Pembrolizumab)*

- USA: $87
- UK: $34
- UAE: $56
- Germany: $27
- Switzerland: $23
- South Africa: $6
- Holland: $31
Administered Drug Prices in 2017

*Immune globulin injection*

- USA: $97
- UK: $27
- UAE: $51
- Germany: $41
- Switzerland: $33
- South Africa: $78
- Holland: $17
Administered Drug Prices in 2017

Factor VIII

<table>
<thead>
<tr>
<th>Country</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA</td>
<td>$2.53</td>
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<tr>
<td>UK</td>
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<tr>
<td>Holland</td>
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</tbody>
</table>
Prescription Drug Costs

Prescription Drug Prices (2) in 2017
*Enbrel (Etanercept) - 4 syringes, 1ml, 50mg/ml*

USA: $4,640
UK: $920
UAE: $1,540
Germany: $2,270
Switzerland: $1,570
South Africa: $710
Holland: $770

Note: USA prescription drug prices are average point-of-sale price, which reflects discounts from the wholesale price, but not manufacturer rebates.
Prescription Drug Costs

Prescription Drug Prices (2) in 2017
*Harvoni (Ledipasvir/Sofosbuvir)* - 28 tablets, 90mg/400mg

<table>
<thead>
<tr>
<th>Country</th>
<th>Price</th>
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<tbody>
<tr>
<td>USA</td>
<td>$31,620</td>
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<td>UK</td>
<td>$16,760</td>
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<td>UAE</td>
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<td>Germany</td>
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<td>Switzerland</td>
<td>$13,610</td>
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<td>South Africa</td>
<td>$4,840</td>
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<tr>
<td>Holland</td>
<td>$12,780</td>
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Note: USA prescription drug prices are average point-of-sale price, which reflects discounts from the wholesale price, but not manufacturer rebates.
Prescription Drug Costs

Prescription Drug Prices (2) in 2017
*Humira Pen (Adalimumab) - 2 kits, 40mg*

<table>
<thead>
<tr>
<th>Country</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>USA</td>
<td>$4,480</td>
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<td>UK</td>
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<td>UAE</td>
<td>$1,970</td>
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<td>Germany</td>
<td>$1,570</td>
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<td>Switzerland</td>
<td>$1,230</td>
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<td>South Africa</td>
<td>$740</td>
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<td>Holland</td>
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</table>

Note: USA prescription drug prices are average point-of-sale price, which reflects discounts from the wholesale price, but not manufacturer rebates.
Prescription Drug Costs

Prescription Drug Prices (2) in 2017
*Kalydeco (Ivacaftor) - 56 tablets, 150mg*

USA: $23,870
UK: $18,060
UAE: $32,740
Germany: $17,780
Switzerland: $21,340
Holland: $15,860

Note: USA prescription drug prices are average point-of-sale price, which reflects discounts from the wholesale price, but not manufacturer rebates.
Prescription Drug Costs

Prescription Drug Prices (2) in 2017

*Victoza 3-Pak (Liraglutide) - 3 syringes, 3ml, 6mg/ml*

<table>
<thead>
<tr>
<th>Country</th>
<th>Price</th>
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<tbody>
<tr>
<td>USA</td>
<td>$770</td>
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<td>UK</td>
<td>$150</td>
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<td>UAE</td>
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<tr>
<td>Switzerland</td>
<td>$170</td>
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<td>South Africa</td>
<td>$170</td>
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<tr>
<td>Holland</td>
<td>$120</td>
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</table>

Note: USA prescription drug prices are average point-of-sale price, which reflects discounts from the wholesale price, but not manufacturer rebates.
Prescription Drug Costs

Prescription Drug Prices (2) in 2017
*Xarelto (Rivaroxaban)* - 30 tablets, 20mg

- USA: $380
- UK: $70
- UAE: $130
- Germany: $110
- Switzerland: $80
- South Africa: $80
- Holland: $60

*Note:* USA prescription drug prices are average point-of-sale price, which reflects discounts from the wholesale price, but not manufacturer rebates.
Prescription Drug Costs

Prescription Drug Prices (2) in 2017

Xeljanz (Tofacitinib Citrate) - 60 tablets, 5mg

USA: $3,860
UK: $890
UAE: $1,380
Germany: $2,540
Switzerland: $1,330
South Africa: $1,130
Holland: $670

Note: USA prescription drug prices are average point-of-sale price, which reflects discounts from the wholesale price, but not manufacturer rebates.
This year’s survey has been conducted in much the same way as previous years’ surveys. Prices for each country were submitted by participating federation member plans, and are drawn from public or commercial sectors as follows:

- Prices for the United States were estimated by the Health Care Cost Institute using claims data on the commercially insured under age 65 who obtain health insurance through their employer.
- Prices for Australia, Germany, Holland, New Zealand, South Africa, Switzerland, the UAE and the UK are derived from unpublished local industry sources, collected and collated by the iFHP.
- USA prescription drug prices are average point-of-sale price, which reflects discounts from the wholesale price, but not manufacturer rebates.
- Drug prices for the UK were derived from the 2019 British National Formulary, which form the basis for both public and private drug prices.
- All prices are based on 2017 data, converted at prevailing 2017 exchange rates to US dollars.

Comparisons across different countries are complicated by differences in sectors, fee schedules, and systems. In addition, a single plan’s prices may not be representative of prices paid by other plans in that market.