

Aim of the game

- You are a philanthropist/WHO employer
- If you land on a country you can help the country by donating money for treatment centre or sanitation works.
- If someone lands on one of your treatment centres they have to donate money to you to treat that disease
- Person with the most money at the end of the game wins

University of Manchester

University

If you own 1 university receive **\$25million**

If you own 2 universities receive **\$50million**

If you own 3 universities receive **\$100million**

If you own 4 universities receive **\$200million**



Mortgage value \$250 million

**UNIVERSITY OF
MANCHESTER**

**MORTGAGED
FOR \$250m**

Card must be turned this side up if
property is mortgaged

Sao Paulo University

University

If you own 1 university receive **\$25million**

If you own 2 universities receive **\$50million**

If you own 3 universities receive **\$100million**

If you own 4 universities receive **\$200million**



Mortgage value \$250 million

**SAO PAULO
UNIVERSITY**

**MORTGAGED
FOR \$250m**

Card must be turned this side up if
property is mortgaged

National University of Singapore (NUS)

University

If you own 1 university receive **\$25million**

If you own 2 universities receive **\$50million**

If you own 3 universities receive **\$100million**

If you own 4 universities receive **\$200million**



Mortgage value \$250 million

**NATIONAL UNIVERSITY
OF SINGAPORE (NUS)**

**MORTGAGED
FOR \$250m**

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property is mortgaged

University of Cape Town

University

If you own 1 university receive **\$25million**

If you own 2 universities receive **\$50million**

If you own 3 universities receive **\$100million**

If you own 4 universities receive **\$200million**



Mortgage value \$250 million

**UNIVERSITY OF
CAPE TOWN**

**MORTGAGED
FOR \$250m**

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Water Works

Utility Card

If you own one Utility card build 10,000 wells worldwide. Cost per well \$7000.

Total cost = $\$7000 \times 10,000 = \mathbf{\$70 \text{ million}}$

If you own two Utility cards build 20,000 wells worldwide. Cost per well \$7000.

Total cost = $\$7000 \times 20,000 = \mathbf{\$140 \text{ million}}$



Mortgage value \$150 million

WATER WORKS

**MORTGAGED
FOR \$150m**

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Sewage Works

Utility Card

If you own one Utility card you receive money to build 1 million toilets worldwide.

Cost per toilet \$100

Receive= $\$100 \times 1 \text{ million} = \mathbf{\$100 \text{ million}}$

If you own two Utility card you receive money to build 2 million toilets worldwide.

Cost per toilet \$100.

Receive= $\$100 \times 2 \text{ million} = \mathbf{\$200 \text{ million}}$



Mortgage value \$62 million

SEWAGE WORKS

**MORTGAGED
FOR \$62m**

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South Africa

Major infective disease **HIV**
Population infected 6.1 million

Send health workers over to help. Pay **\$50 million**



HIV testing centres

Supply 20 million rapid diagnostic tests

Pay = $\$10 \times 20 \text{ million} =$ **\$200 million**



Research centres

Donate money for HIV vaccine research

Pay = **\$ 600 million**



HIV Treatment centres

Treat everyone with antiretroviral therapy

Pay = $\$100 \times 6.1 \text{ million} =$ **\$1400 million**

Building cost **\$200 million each**

Mortgage value **\$200 million**

SOUTH AFRICA

**MORTGAGED
FOR \$375m**

Card must be turned this side up if
property is mortgaged

Uganda

Population affected each year in
Uganda by **malaria** – 10.6 million

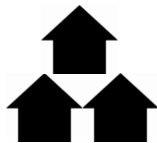
Send health workers over to help. Pay **\$35 million**



Treatment centres
Treat everyone with malaria.
Pay = **\$175 million**



Net distribution centres
Provide nets for the population of Uganda
Pay = **\$500 million**



Research centres
Fund malaria vaccine research for one year.
Pay = **\$1100 million**

Hospital cost **\$200 million** each
Mortgage value **\$200 million**

UGANDA

**MORTGAGED
FOR \$281m**

Card must be turned this side up if
property is mortgaged

Nigeria

Population affected each year in Nigeria
by **hookworm** - 38 million

Send health workers over to help. Pay **\$28 million**



Treatment centres
Treat everyone infected with de-worming drugs
Pay = **\$150 million**



Sewage Works
Build 1 million toilets
Pay = **\$450 million**



Shoe Factory and Distribution centre
Make a pair of shoes for the 20 million barefoot
children in Sub Saharan Africa
Pay = **\$1000 million**

Hospital cost \$200 million each
Mortgage value \$200 million

NIGERIA

**MORTGAGED
FOR \$275m**

Card must be turned this side up if
property is mortgaged

Democratic Republic of Congo

Population affected each year in the DR
Congo by **whipworm** - 26 million

Send health workers over to help. Pay **\$26 million**



Treatment Centres

Treat everyone infected with de-worming drugs.

Pay = $\$1 \times 26 \text{ million} = \mathbf{\$130 \text{ million}}$



Sewage Works

Build 1 million toilets

Pay = **\$390 million**



Water Works

Supply clean water to 51 million people in DR
Congo without access to it

Pay = **\$900 million**

Hospital cost \$200 million each
Mortgage value \$200 million

**DEMOCRATIC
REPUBLIC OF CONGO**

**MORTGAGED
FOR \$220m**

Card must be turned this side up if
property is mortgaged

Ethiopia

Population affected each year in Ethiopia
by **roundworm** - 26 million

Send health workers over to help. Pay **\$26 million**



Treatment centres

Treat everyone infected with de-worming drugs.

Pay = **\$130 million**



Sewage Works

Build 1 million toilets

Pay = **\$390 million**



Water works

Supply clean water to 43.4 million people in
Ethiopia without access to it.

Pay = **\$900 million**

Hospital cost \$200 million each
Mortgage value \$200 million

ETHIOPIA

**MORTGAGED
FOR \$202m**

Card must be turned this side up if
property is mortgaged

Pakistan

Pakistan is the one of only 3 countries still endemic for **polio**. There were 64 new cases of polio in 2013.

Send health workers over to help. Pay **\$24 million**



Vaccination centre
Vaccinate the whole population of Pakistan
Pay = **\$120 million**



Polio treatment centre
Buy new respiratory machines to improve polio treatment centres.
Pay **\$360 million**



Support the disability centre.
Pay = **\$850 million**

Hospital cost \$150 million each
Mortgage value \$150 million

PAKISTAN

**MORTGAGED
FOR \$185m**

Card must be turned this side up if
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China

13 million people in China are estimated to have the **hepatitis C virus (HCV)**.

Send health workers over to help. Pay **\$22 million**



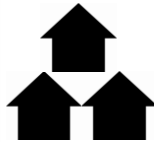
Blood Donor Screening and Testing centre
Test 1 million units of donated blood for HCV to prevent transmission.

Pay= **\$110 million**



Vaccine Research Centre
Fund HCV vaccine research.

Pay=**\$3300 million**



Treatment centre
Treat 100,000 patients for 1 year

Pay =**\$800 million**

Hospital cost \$150 million each
Mortgage value \$150 million

CHINA

**MORTGAGED
FOR \$160m**

Card must be turned this side up if
property is mortgaged

India

Population affected each year in India by
TB – 8.6 million

Send health workers over to help. Pay **\$22 million**



Diagnosis centre
Diagnose all HIV-positive people in India
Pay = **\$110 million**



Treatment centre
Treat everyone in India with TB
Pay = **\$330 million**



Specialized TB Hospital
Treat everyone in India with multidrug resistant
TB.
Pay **\$800 million**

Hospital cost \$150 million each
Mortgage value \$150 million

INDIA

**MORTGAGED
FOR \$64m**

Card must be turned this side up if
property is mortgaged

Indonesia

Roughly 500,000 people in Indonesia get Typhoid fever each year in Indonesia.

Send health workers over to help. Pay **\$20 million**



Treatment centre

Treat everyone with typhoid fever.

Total cost = **\$100 million**



Water Works

Build 20,000 wells for the 40 million people in Indonesia without access to a safe water supply.

Pay = **\$300 million**



Vaccination centre.

Vaccinate the whole population of Indonesia.

Pay = **\$750 million**

Hospital cost \$150 million each

Mortgage value \$150 million

INDONESIA

**MORTGAGED
FOR \$114m**

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property is mortgaged

The Philippines

Shistosomiasis (Bilharzia) is one of the major infective diseases in this country affecting 6.7 million people each year.

Send health workers over to help. Pay **\$18 million**



Treatment centres

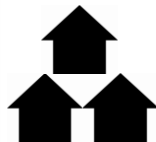
Treat everyone infected with de-worming drugs.

Pay = **\$90 million**



Snail control by environmental modification and pesticide.

Pay = **\$250 million**



Sewage Works

Build 1 million toilets

Pay = **\$700 million**

Hospital cost \$150 million each

Mortgage value \$150 million

THE PHILIPPINES

**MORTGAGED
FOR \$108m**

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property is mortgaged

Bangladesh

77.2 million people require preventative chemotherapy in Bangladesh for **lymphatic filariasis (elephantitis)**.

Send health workers over to help. Pay **\$18 million**



Health clinic

Start a mass drug administration campaign stop transmission of lymphatic filariasis.

Pay=\$1x77 million = **\$90 million**



Disability centre

Support patients affected by elephantitis

Pay= **\$ 250 million**



Net distribution centres

Provide 40 million nets

Pay = \$5x40 million= **\$700 million**

Hospital cost \$150 million each

Mortgage value \$150 million

BANGLADESH

**MORTGAGED
FOR \$106m**

Card must be turned this side up if
property is mortgaged

Mexico

Population infected in Mexico with **brain tapeworm** (neurocysticercosis) – 12 million

Support Healthcare. Pay **\$16 million.**



Food hygiene awareness campaign
Pay = **\$80 million**



Hospitals
Buy 100 MRI machines to diagnose the disease.
Pay == **\$220 million**



Treatment centres
Treat everyone infected for one week
Pay = **\$600 million**

Hospital cost \$100 million each
Mortgage value \$100 million

MEXICO

**MORTGAGED
FOR \$104m**

Card must be turned this side up if
property is mortgaged

Peru

61 cases of **yellow fever** in Peru in 2005
Causing 31 deaths 50% mortality rate.

Send health workers over to help. Pay **\$14 million**



Vaccination centre
Vaccinate 2 million people against yellow fever.
Pay = **\$70 million**



Insecticide Factory
Make 1 million litres of insecticide to prevent
transmission of dengue fever.
Pay = **\$200 million**



Treatment research
Research new treatments for yellow fever
Pay = **\$550 million**

Hospital cost \$100 million each
Mortgage value \$100 million

PERU

**MORTGAGED
FOR \$74m**

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property is mortgaged

Haiti

Ongoing **cholera** outbreak in Haiti since October 2010. As of 17/10/2013 684,085 cases and 8,361 deaths have been reported.

Send health workers over to help. Pay **\$14 million**



Hospital

Treat 500,000 hospitalised patients

Pay = **\$70 million**



Vaccination Centre

Give a cholera vaccine to all the people in Haiti who don't have access to clean water.

Pay = **\$200 million**



Water Works

Supply clean water to the 32 million people in central and south America without access to it.

Pay = **\$550 million**

Hospital cost \$100 million each

Mortgage value \$100 million

HAITI

**MORTGAGED
FOR \$63m**

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Brazil

Brazil reported that more than 200,000 people were infected with **dengue fever** in the first seven weeks of 2013.

Send health workers over to help. Pay **\$12 million**



Research Centre
Fund dengue vaccine research.
Pay = **\$60 million**



Hospitals
Treat 80,000 hospitalised patients
Pay = **\$180 million**



Insecticide Factory
Make 1 million liters of insecticide to prevent transmission of dengue fever.
Pay = **\$500 million**

Hospital cost \$100 million each
Mortgage value \$100 million

BRAZIL

**MORTGAGED
FOR \$56m**

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Bolivia

Bolivia has the highest incidence of cutaneous **leishmaniasis** in Latin America with 33 cases per 100,000 population.

Send health workers over to help. Pay **\$10 million**



Treatment Centre

Treat people infected with leishmaniasis

Pay = **\$50 million**



Research centre

Invest in research to develop a Rapid diagnosis test to diagnose leishmaniasis.

Pay = **\$150 million.**



Insecticide Factory

Make 1 million litres of insecticide to prevent transmission of leishmaniasis.

Pay = **\$450 million**

Hospital cost \$100 million each

Mortgage value \$100 million

BOLIVIA

**MORTGAGED
FOR \$49m**

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United States of America

Population affected each year by
HIV in USA – 1.1 million

Support healthcare. Pay **\$10 million.**



Diagnosis Centres
Diagnose everyone with HIV
Pay = **\$50 million**



Research Centres
Fund HIV vaccine research for one month
Pay = **\$150 million**



Treatment Centres
Treat everyone with antiretroviral therapy for
one year.
Pay = **\$450 million**

Hospital cost \$100 million each
Mortgage value \$100 million

**UNITED STATES OF
AMERICA**

**MORTGAGED
FOR \$46m**

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property is mortgaged

Norway

Norway had the highest intensity of influenza throughout Europe during the first week of 2013.

Support healthcare. Pay **\$8 million**.



Vaccination centre

Vaccinate the 750,000 over 65s in Norway who are at risk of flu complications.

Pay = **\$40 million**



Hospital for Respiratory Infections

Treat 10,000 patients with flu complications

Pay = **\$100 million**



Vaccine Research centre

Manufacture a new influenza vaccine.

Pay = **\$300 million**

Building cost \$50 million each
Mortgage value \$50 million

NORWAY

**MORTGAGED
FOR \$41m**

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Slovakia

Slovakia has the highest rate of **salmonellosis** in Europe. In 2008 there were 6,849 confirmed cases of salmonellosis.

Support healthcare. Pay **\$6 million.**



Hospital for Gastrointestinal infections.
Treat hospitalised patients with salmonella infection. Pay= **\$30 million.**



Food Standards Agency centre
Support a national campaign to raise awareness of food safety to prevent transmission of salmonella.
Pay=**\$90 million.**



European Food Safety Authority centre
Monitor rates of salmonella throughout Europe.
Pay=**\$270 million**

Hospital cost \$50 million each
Mortgage value \$50 million

SLOVAKIA

**MORTGAGED
FOR \$36m**

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France

Each year an estimated 4,900 cases of primary **Toxoplasma** infection occur in pregnant women in France.

Support healthcare. Pay **\$6 million.**



Treatment centre

Treat pregnant women with toxoplasma infection.

Pay=**\$30 million**



Centre for Disease Control and Prevention

Support a national campaign to raise awareness of hygiene to prevent transmission of toxoplasma.

Pay=**\$90 million**



Disability centre

Provide care for the newborn babies who develop learning difficulties or impaired vision. Pay=**\$270 million**

million

Hospital cost \$50 million each

Mortgage value \$50 million

FRANCE

**MORTGAGED
FOR \$30m**

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property is mortgaged

Italy

Italy has one of the highest rates of **measles** in Europe. It reported 1367 cases of measles from 2011-2012. It also has one of the lowest rates of MMR vaccination in Europe, only half the population has had both doses of the vaccine.

Support Healthcare. Pay **\$4 million**.



Health centre

Diagnose and treat patients with measles.

Pay **\$20 million**



Vaccination centre

Vaccinate every baby that is born in Italy

Pay = **\$60 million**



Eradication Program

Donate money to help eradicate measles worldwide. Pay=**\$180 million**

Hospital cost \$50 million each
Mortgage value \$50 million

ITALY

**MORTGAGED
FOR \$29m**

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United Kingdom

2.2 million people in the UK are infected with **threadworm** (also called pinworm).

Support the NHS. Pay **\$2 million**.



Treatment centre

Treat everyone infected with de-worming drugs.

Pay = $\$5 \times 2.2 \text{ million} = \mathbf{\$10 \text{ million}}$

Low rates of worm infections in developed countries correspond to higher rates of autoimmune diseases.



Allergies treatment centre

Buy antihistamines to treat patients with hay fever. Pay **\$30 million**



Crohn's research centre

Research new worm therapies to treat Crohn's disease. Pay **\$90 million**

Hospital cost \$50 million each
Mortgage value \$50 million

UNITED KINGDOM

**MORTGAGED
FOR \$8m**

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First Aid

You have developed a Influenza Vaccine. You become immune to influenza and don't pay next time you land on Norway. Card lasts **one use** as the influenza virus changes so the vaccine no longer works.

You receive \$20 million to start a childhood vaccination program. Vaccinating every child against measles creates herd immunity against measles. Don't pay next time you land on Italy. Keep until used. Use only once.

You get a large donation of mosquito nets. Donate these nets to prevent transmission of mosquito transmitted diseases. Use instead of paying the next time you land on Uganda, Bangladesh, Brazil or Peru. Keep until used. Use only once.

You received a large donation of shoes.

You can donate these shoes instead of paying the next time you land on Nigeria.

Keep until used. Use only once.

New wells are built creating a clean water supply.

Don't pay next time you land on Indonesia or Haiti.

Keep until used. Use only once.

New toilets are built, preventing transmission of intestinal worms.

Don't pay next time you land on Ethiopia, Democratic republic of Congo or Nigeria.

Keep until used. Use only once.

Congratulations India is no longer endemic for polio.

You get \$50 million.

Congratulations you helped eradicate guinea worm in 187 countries. Only four African countries left; Chad, Ethiopia, Mali and South Sudan.

You receive \$50 million.

You receive antiviral drugs to treat HIV.

You can donate these drugs instead of paying next time you land on South Africa.

Keep until used. Only use once.

You got some anti-viral drugs.

You can use them to get out of quarantine.

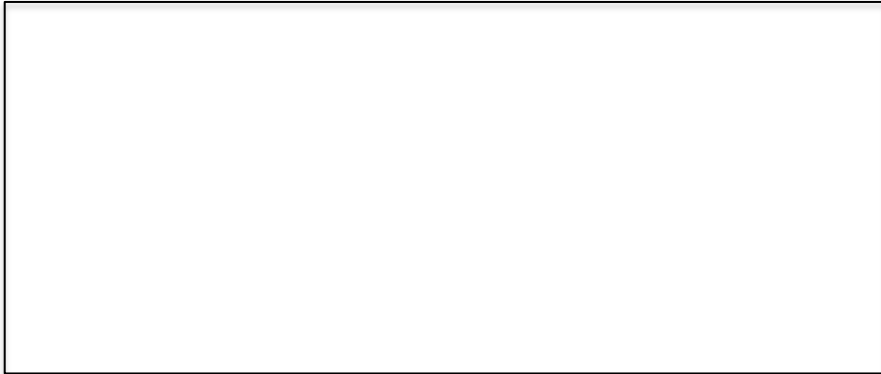
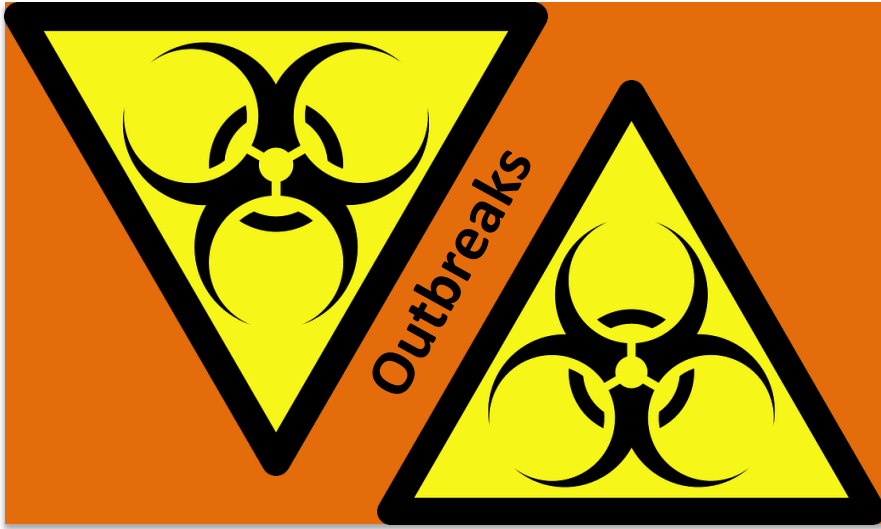
Keep until needed. Only use once.

Congratulations you helped the World Health Organization eradicate smallpox worldwide.

Receive \$100 million

Congratulations you have just vaccinated the 100 millionth person against meningitis.

Receive \$100 million



Severe flooding causes a cholera outbreak.

Pay \$50 million to prevent further spread of disease.

You have become infected with measles. It is highly contagious.

Go directly to quarantine.

If you pass GO do not collect \$200 million.

Typhoon hits the Philippines.

Pay \$10 million to send health workers to prevent a disease outbreak.

You have become infected with bird flu. It is highly contagious.

Go directly to quarantine.

If you pass GO do not collect \$200 million.

Low vaccination rates cause measles outbreak in Swansea.

Pay \$10 million to get every child and teenager vaccinated in Wales.

Pay \$500 million to build 5 million clean toilets in Africa.

Pay \$70 million to build 10,000 wells.

These wells will provide clean water for 20 million people.

Global warming brings plague of mosquitos to North America and Europe.

Pay \$50 million to prevent to spread of mosquito transmitted diseases.

The world will be short of 13 million health-care workers by 2035.

Pay \$200 million to help fund more health-care workers around the world.

Start a health education program in developing countries. To prevent to spread of disease.

Pay \$75 million



















New strain of tuberculosis (TB) is discovered and is resistant to all current drugs.

Pay \$200 million to research new drugs to treat this strain of TB

Risk of influenza outbreak in Britain.

Pay \$100 million to stockpile antivirals in case of a disease outbreak.

Europe	Americas	Asia	Africa
Flu -	Cholera haiti	Polio - pakistan	Roundworm - Ethiopia
Outbreak	Sewage works	First aid	Whipworm-DR Congo
norrovirus	Tapeworm - mexico	Lymphatic filarisis - thailand	outbreak
Tax/charity	Dengue fever-brazil	Thyphoid -	Hookworm - Nigeria
Education – Manchester Uni MIG	Education – medical school	education	Education-school kids
Threadworm -	Yellow fever - peru	Hepatitis - china	First aid
First aid	outbreak	Schistosomiasis	Malaria -uganda

<p>JUST VISITING</p> 	<p>WHITECHAPEL ROAD</p> <p>£81m</p>	<p>BOW STREET</p> <p>£71m</p>	<p>CHANCE</p> 	<p>LEICESTER SQUARE</p> <p>£68m</p>	<p>MARYLEBONE STATION</p>  <p>£500m</p>	<p>INCOME TAX</p>  <p>PAY £100m</p>	<p>COMMUNITY CHEST</p> 	<p>COVENTRY STREET</p> <p>£57m</p>	<p>VINE STREET</p> <p>£15m</p>	<p>COLLECT £300m SALARY AS YOU PASS</p> 
<p>THE ANGEL, ISLINGTON</p> <p>£91m</p>									<p>MAYFAIR</p> <p>£1.8bn</p>	<p>SUPER TAX</p>  <p>£200m</p>
<p>ELECTRIC COMPANY</p>  <p>£12.4bn</p>									<p>PARK LANE</p> <p>£562m</p>	<p>CHANCE</p> 
<p>TRAFALGAR SQUARE</p> <p>£97m</p>									<p>LIVERPOOL ST. STATION</p>  <p>£1.5bn</p>	<p>OXFORD STREET</p> <p>£550m</p>
<p>NORTHUNDRIDGE AVENUE</p> <p>£112m</p>									<p>COMMUNITY CHEST</p> 	<p>PICCADILLY</p> <p>£440m</p>
<p>FENCHURCH ST. STATION</p>  <p>£700m</p>									<p>COMMUNITY CHEST</p>	<p>EUSTON ROAD</p> <p>£404m</p>
<p>M BOROUGH STREET</p> <p>£125m</p>										
<p>COMMUNITY CHEST</p> 										
<p>FLEET STREET</p> <p>£148m</p>										
<p>OLD KENT ROAD</p> <p>£208m</p>										
<p>FREE PARKING</p> 	<p>WHITEHALL</p> <p>£211m</p>	<p>CHANCE</p> 	<p>PENTONVILLE ROAD</p> <p>£215m</p>	<p>PALL MALL</p> <p>£228m</p>	<p>KINGS CROSS STATION</p>  <p>£1bn</p>	<p>BOND STREET</p> <p>£271m</p>	<p>STRAND</p> <p>£320m</p>	<p>WATER WORKS</p>  <p>£8bn</p>	<p>REGENT STREET</p> <p>£370m</p>	<p>GO TO JAIL</p> 

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Democratic Republic of Congo

Nigeria

Ethiopia

Uganda

South Africa



China

India

Thailand

Mexico

United States

Italy

United Kindom



Pakistan

India

China

The Philippines

Indonesia

Indonesia

Demo-
cratic
Republic
of Congo

Nigeria

Haiti

Uganda

South
Africa



Italy

UK

France

Norway

Slovakia

Brazil

USA

Bolivia

Peru

Mexico

Haiti