The Harvest-ometer
Why did we do it?

- Inspired by Vertical Veg
- Grow More Food
- To make growing projects effective
- Collect data
- New service & campaign
Benefits for gardens

- Motivate growers
- Value their outputs
- Funding bids
- Funding reports
- Increase yields/better growers
Benefits for towns and cities

- Overview of network
- Engage projects
- Collect data
- Motivate and promote wider community involvements
  - e.g. Big Dig
Headlines

- 54,000 sq. m growing food
- 40 tonnes harvested
- 502,000 meals grown
- £288,000 of produce grown
<table>
<thead>
<tr>
<th>Key findings</th>
<th>2013</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of growing spaces submitting data</td>
<td>160 spaces</td>
<td>89 spaces</td>
</tr>
<tr>
<td>Total land area of growing spaces</td>
<td>43,137 sq. m</td>
<td>39,533 sq. m</td>
</tr>
<tr>
<td>Total weight of produce harvested</td>
<td>21.24 tonnes</td>
<td>18.90 tonnes</td>
</tr>
<tr>
<td>Total number of ‘meal portions’ grown</td>
<td>265,458 portions</td>
<td>236,232 portions</td>
</tr>
<tr>
<td>Total financial value of produce grown</td>
<td>£150,744</td>
<td>£137,268</td>
</tr>
<tr>
<td>Average productivity per square metre in weight</td>
<td>492 grams</td>
<td>478 grams</td>
</tr>
<tr>
<td>Average productivity per square metre in financial value</td>
<td>£3.49</td>
<td>£3.47</td>
</tr>
<tr>
<td>Average productivity per square metre in number meal portions</td>
<td>6 portions</td>
<td>6 portions</td>
</tr>
</tbody>
</table>

*60 spaces from 2013 also participated in 2014, along with 29 new spaces in 2014*
## Who took part?

<table>
<thead>
<tr>
<th>Type of growing space</th>
<th>Number participating</th>
<th>Area of land covered [sq. m]</th>
<th>Average plot size [sq. m]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Garden</td>
<td>35 (73)</td>
<td>15,699 (17,340)</td>
<td>449 (238)</td>
</tr>
<tr>
<td>School</td>
<td>19 (23)</td>
<td>3,596 (3,071)</td>
<td>189 (134)</td>
</tr>
<tr>
<td>Home Grower</td>
<td>17 (30)</td>
<td>253 (828)</td>
<td>15 (28)</td>
</tr>
<tr>
<td>Allotment Plot</td>
<td>7 (15)</td>
<td>583 (1,450)</td>
<td>83 (99)</td>
</tr>
<tr>
<td>Farm</td>
<td>5 (11)</td>
<td>18,785 (19,625)</td>
<td>3,757 (1,784)</td>
</tr>
<tr>
<td>Communal Allotment Plot</td>
<td>4 (3)</td>
<td>601 (516)</td>
<td>150 (172)</td>
</tr>
<tr>
<td>Small Plot</td>
<td>2 (4)</td>
<td>12 (17)</td>
<td>6 (4)</td>
</tr>
<tr>
<td>Allotment Site</td>
<td>0 (1)</td>
<td>0 (250)</td>
<td>0 (250)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>89 spaces (160)</strong></td>
<td><strong>39,529 sq. m (43,137)</strong></td>
<td><strong>444 sq. m (270)</strong></td>
</tr>
</tbody>
</table>
Top Ten Veg

<table>
<thead>
<tr>
<th>Top ten produce by weight 2014</th>
<th>Comparison with 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Salad leaves</td>
<td>Same</td>
</tr>
<tr>
<td>2 Squash/pumpkin</td>
<td>Same</td>
</tr>
<tr>
<td>3 Onion</td>
<td>Up 2</td>
</tr>
<tr>
<td>4 Courgette</td>
<td>Down 1</td>
</tr>
<tr>
<td>5 Potato</td>
<td>Down 1</td>
</tr>
<tr>
<td>6 Tomato</td>
<td>Up 1</td>
</tr>
<tr>
<td>7 Beans (French)</td>
<td>New entry</td>
</tr>
<tr>
<td>8 Cucumber</td>
<td>New entry</td>
</tr>
<tr>
<td>9 Beans (Broad)</td>
<td>New entry</td>
</tr>
<tr>
<td>10 Tomato (Cherry)</td>
<td>Down 1</td>
</tr>
</tbody>
</table>
What can London grow?

Q: What could the Capital Growth network grow?

A: 380 tonnes

1 million bags of salad
800,000 tomatoes
400,000 squash and courgettes
150,000 apples and pears
130,000 bags of leafy greens
100,000 eggs
90,000 potatoes
80,000 bags of herbs
75,000 punnets of berries
30,000 cauliflowers and cabbages
10,000 jars of honey
Harvest-ometer video

https://youtu.be/V6FEc3PgJcE
How it works - gardens

**Set up**
- Town or City page set up
- Gardens Join – added to the map

**Collect**
- Gardens recorded harvest data
- Log in to members area

**Enter**
- Enter data in easy to use form
- Data stored, downloaded and converted to graphs
The Big Dig is working with Growing Manchester and Sow the City to help community food growing gardens to find volunteers and measure their harvest. Find your local garden, or join to see your food growing garden on the map.
Members area
Update your details and set your volunteering preferences, and access your Harvest-ometer.

Your details
You have entered the following details about you and your garden.

Sazzle
Postal address: the stars E17 6HD
sarah@sustainweb.org
+447904855974

SarahsGarden
the stars E17 8HD

Volunteers
You are not allowing volunteers to connect with you. Click 'Get volunteers' to add a 'Volunteers required' button to your entry on the city map.

Harvest-ometer
Record your harvest data to find out its value and how many meals you have grown.

Contact us
For more information and support please contact Growing Manchester at info@sowthecity.org.
The Harvest-ometer
The place to record all the fruit and veg that you harvest.

What produce do you want to record a weight for?

- Veg a-g
- Veg h-z
- Salad
- Fruit
- Other

Items added during
the growing season

<table>
<thead>
<tr>
<th>Name</th>
<th>Harvested</th>
<th>Weight</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beans (Runner)</td>
<td>1/2016</td>
<td>160g</td>
<td>0.86</td>
</tr>
<tr>
<td>Coriander</td>
<td>1/2016</td>
<td>80g</td>
<td>2.06</td>
</tr>
<tr>
<td>Pea Shoots</td>
<td>1/2016</td>
<td>22g</td>
<td>0.44</td>
</tr>
<tr>
<td>Spinach</td>
<td>1/2016</td>
<td>160g</td>
<td>1.39</td>
</tr>
<tr>
<td>Parsnips</td>
<td>1/2016</td>
<td>22g</td>
<td>0.44</td>
</tr>
<tr>
<td>Peas</td>
<td>1/2016</td>
<td>160g</td>
<td>2.30</td>
</tr>
<tr>
<td>Peppers</td>
<td>1/2016</td>
<td>300g</td>
<td>2.00</td>
</tr>
<tr>
<td>Potato</td>
<td>1/2016</td>
<td>123g</td>
<td>0.70</td>
</tr>
<tr>
<td>Potato (new)</td>
<td>1/2016</td>
<td>45g</td>
<td>0.62</td>
</tr>
<tr>
<td>Spinach</td>
<td>1/2016</td>
<td>10g</td>
<td>0.08</td>
</tr>
<tr>
<td>Tomato</td>
<td>1/2016</td>
<td>155g</td>
<td>0.62</td>
</tr>
<tr>
<td>Tomato (Cherry)</td>
<td>1/2016</td>
<td>4000g</td>
<td>6.40</td>
</tr>
</tbody>
</table>

Download your harvest data - get a CSV file (including previous years) which you can open in Excel.

Your totals - below you can see how much you have grown this year.

2016

- £16.58 saved
- 5.24kg produced
- 65 meals
The Harvest-ometer
The place to record all the fruit and veg that you harvest.

Add a weight or quantity of Onion and click 'Save'.
Please only enter produce that you have already harvested.

By weight
Or
By quantity

255 grams

Enter a weight in grams of the item

Enter a number or a fraction.
E.g. for half of the measure enter 0.5

When did you harvest the Onion?

Day 14
Month 3
Year 2016

Cancel Save
Weight of produce grown each week in the 2015 season

Filter: by week, by weights, all produce, 2015 season

Totals: 140.6kg harvested  £725.58 saved  1758 meals produced

Our growing seasons now run from the 1st of January each year
What next?

- New report available to download
- Share results
- Engage other cities  
  - Birmingham  
  - Manchester
- Add other values e.g. Carbon
- Development of app
How it works – Towns and Cities

• Partner with local organisation
• Gardens register & local organisation approves
• Small set up and renewal fee
  – Technical/ promotional support
• Optional extras
  – e.g. Big Dig, Grow well Feel well day, Harvest Feast
What does this all mean?

- Putting a value on food growing
- Measuring makes a difference
- Influencing policy makers and funders
- A wider perspective of value for your city
- What support is needed for growers to reach potential?
Thank you

capitalgrowth.org
bigdig.org.uk/harvestometer

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