To: Sonia Young- ICE Futures US  
From: Jenn Ellek - National Confectioners Association  
Date: April 20, 2017  
Subject: Release of First Quarter Cocoa Grindings for 2017

<table>
<thead>
<tr>
<th></th>
<th>In Metric Tons</th>
<th>Increase (Decrease)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2017</td>
<td>2016</td>
</tr>
<tr>
<td>Cocoa Beans Ground</td>
<td>120,152</td>
<td>118,790</td>
</tr>
<tr>
<td>Aggregate Number of Plants Reporting</td>
<td>17</td>
<td>17</td>
</tr>
</tbody>
</table>

The Cocoa Grinds Report supplied by The National Confectioners Association has changed. Beginning with the report for the First Quarter 2009, the report will cover grinds for North America, including Canada, Mexico and the USA. In addition, the reports will no longer include Liquor and Butter Melted. New reporting companies and plants have been added (see attached).

Note: Due to the change in ownership of a manufacturing process, some of the prior year amounts have been combined.

Attached is a list of companies who responded to the survey this quarter.

Quarterly Grindings Report Release Date Schedule for 2017:  
First Quarter 2017: Report Release Date is April 20, 2017  
Second Quarter 2017: Report Release Date is July 20, 2017  
Third Quarter 2017: Report Release Date is October 19, 2017  
Fourth Quarter 2017: Report Release Date is January 18, 2018
LIST OF COMPANIES

RESPONDING TO FIRST QUARTER OF 2017
COCOA PRODUCTS USE SURVEY

Barry Callebaut
The Blommer Chocolate Co.
Cargill Cocoa & Chocolate Co.
ECOM
Ghirardelli Chocolate Co.
Guittard Chocolate Co.
The Hershey Company
Mars Chocolate North America
Nestlé
To: Sonia Young- ICE Futures US  
From: Jenn Ellek - National Confectioners Association  
Date: July 20, 2017  
Subject: Release of Second Quarter Cocoa Grindings for 2017

<table>
<thead>
<tr>
<th></th>
<th>In Metric Tons</th>
<th>Increase (Decrease)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2017</td>
<td>2016</td>
</tr>
<tr>
<td>Cocoa Beans Ground</td>
<td>123,125</td>
<td>124,432</td>
</tr>
<tr>
<td>Aggregate Number of Plants Reporting</td>
<td>17</td>
<td>17</td>
</tr>
</tbody>
</table>

The Cocoa Grinds Report supplied by The National Confectioners Association has changed. Beginning with the report for the First Quarter 2009, the report will cover grinds for North America, including Canada, Mexico and the USA. In addition, the reports will no longer include Liquor and Butter Melted. New reporting companies and plants have been added (see attached).

Note: Due to the change in ownership of a manufacturing process, some of the prior year amounts have been combined.

Attached is a list of companies who responded to the survey this quarter.

Quarterly Grindings Report Release Date Schedule for 2017:
Third Quarter 2017: Report Release Date is October 19, 2017
Fourth Quarter 2017: Report Release Date is January 18, 2018
LIST OF COMPANIES
RESPONDING TO SECOND QUARTER OF 2017
COCOA PRODUCTS USE SURVEY

Barry Callebaut
The Blommer Chocolate Co.
Cargill Cocoa & Chocolate Co.
ECOM
Ghirardelli Chocolate Co.

Guittard Chocolate Co.
The Hershey Company
Mars Chocolate North America
Nestlé

Ghirardelli Chocolate Co.
To: Sonia Young- ICE Futures US  
From: Jenn Ellek - National Confectioners Association  
Date: October 19, 2017  
Subject: Release of Third Quarter Cocoa Grindings for 2017

<table>
<thead>
<tr>
<th>In Metric Tons</th>
<th>Increase (Decrease)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td>2016</td>
</tr>
<tr>
<td>125,263</td>
<td>124,412</td>
</tr>
<tr>
<td>17</td>
<td>17</td>
</tr>
</tbody>
</table>

Cocoa Beans Ground

Aggregate Number of Plants Reporting

The Cocoa Grinds Report supplied by The National Confectioners Association has changed. Beginning with the report for the First Quarter 2009, the report will cover grinds for North America, including Canada, Mexico and the USA. In addition, the reports will no longer include Liquor and Butter Melts.

New reporting companies and plants have been added (see attached).

Note: Due to the change in ownership of a manufacturing process, some of the prior year amounts have been combined.

Attached is a list of companies who responded to the survey this quarter.

Quarterly Grindings Report Release Date Schedule for 2017:
Fourth Quarter 2017: Report Release Date is January 18, 2018
<table>
<thead>
<tr>
<th>Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barry Callebaut</td>
</tr>
<tr>
<td>The Blommer Chocolate Co.</td>
</tr>
<tr>
<td>Cargill Cocoa &amp; Chocolate Co.</td>
</tr>
<tr>
<td>ECOM</td>
</tr>
<tr>
<td>Ghirardelli Chocolate Co.</td>
</tr>
<tr>
<td>Guittard Chocolate Co.</td>
</tr>
<tr>
<td>The Hershey Company</td>
</tr>
<tr>
<td>Mars Wrigley Confectionary</td>
</tr>
<tr>
<td>Nestlé</td>
</tr>
</tbody>
</table>
To: Sonia Young - ICE Futures US  
From: Jenn Ellek - National Confectioners Association  
Date: January 18, 2018  
Subject: Release of Fourth Quarter Cocoa Grindings for 2017

<table>
<thead>
<tr>
<th>In Metric Tons</th>
<th>Increase (Decrease)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2017</strong></td>
<td><strong>2016</strong></td>
</tr>
<tr>
<td>Cocoa Beans Ground</td>
<td>116,080</td>
</tr>
<tr>
<td>Aggregate Number of Plants Reporting</td>
<td>17</td>
</tr>
</tbody>
</table>

The Cocoa Grinds Report supplied by The National Confectioners Association has changed. Beginning with the report for the First Quarter 2009, the report will cover grinds for North America, including Canada, Mexico and the USA. In addition, the reports will no longer include Liquor and Butter Melted. New reporting companies and plants have been added (see attached).

Note: Due to the change in ownership of a manufacturing process, some of the prior year amounts have been combined.

Attached is a list of companies who responded to the survey this quarter.

Quarterly Grindings Report Release Date Schedule for 2018:
First Quarter 2018: Report Release Date is April 19, 2018
Second Quarter 2018: Report Release Date is July 19, 2018
Third Quarter 2018: Report Release Date is October 18, 2018
Fourth Quarter 2018: Report Release Date is January 17, 2019
LIST OF COMPANIES
RESPONDING TO FOURTH QUARTER OF 2017
COCOA PRODUCTS USE SURVEY

Barry Callebaut
The Blommer Chocolate Co.
Cargill Cocoa & Chocolate Co.
ECOM
Ghirardelli Chocolate Co.
Guittard Chocolate Co.
The Hershey Company
Mars Wrigley Confectionery
Nestlé