



Carbon Footprint of Products
CFP Declaration

Registration number : JR-AI-20045C

Ecoleaf Environmental Labeling Program

Sustainable Management Promotion Organization
2-1, Kaji-cho 1 chome, Chiyoda-ku, Tokyo Japan
<https://ecoleaf-label.jp/>

Canon Inc.

imageRUNNER ADVANCE DX 8786i



※Calculation of Paper Deck Unit and Finisher unit are excluded.

Functional unit

Per unit product

System boundary

- final products intermediate products
- Raw Material acquisition, Production, Distribution
- Use & maintenance, and End-of-Life stage

Main specifications of the product

Model name: imageRUNNER ADVANCE DX 8786i

Specifications

- Multi Functional Printer (Electrophotography)
- Print Speed : Up to 86 ipm (Letter)
- Duplex printing
- Weight: approx. 221kg

Company Information

Canon Inc.
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Registration#	JR-AI-20045C
PCR number	PA-590000-AI-03
PCR name	Imaging input and/or output equipment
Publication date	7/17/2020
Verification date	5/15/2020
Verification method	System certification
Verification#	JV-AI-20045C
Expiration date	5/14/2025

PCR review was conducted by:

Approval date	11/8/2019
PCR review panel chair	Masayuki Kanzaki
	Sustainable Management Promotion Organization

Third party verifier*

Hiroyuki Uchida

Independent verification of data & declaration in accordance with ISO/TS14067

internal external

*Auditor's name is stated if system certification has been performed.



1. Quantification results, and contents of the declaration

CFP quantification unit : Per unit puroduct

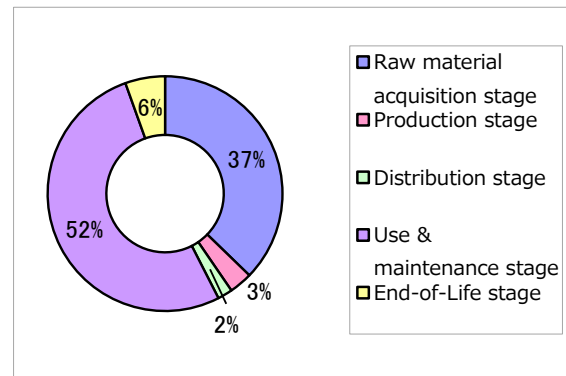
Parameter			Unit
CFP Quantification result		4300	kg-CO₂eq
Breakdown	Raw material acquisition stage	1600	kg-CO ₂ eq
	Production stage	140	kg-CO ₂ eq
	Distribution stage	88	kg-CO ₂ eq
	Use & maintenance stage	2200	kg-CO ₂ eq
	End-of-Life stage	240	kg-CO ₂ eq
Value on CFP mark		4300	kg-CO₂eq
Unit for the value on CFP mark		Per unit puroduct	

*Quantification results may slightly differ from the sum of the breakdown due to rounding of fractions.

3. Supplementary environmental information

Complies with the EU RoHS Directive (2011/65/EU) and its amendments including 2015/863/EU.
Manufactured at ISO 14001 certified factories.

2. Additional information



Calculated in the following conditions;

- Printing paper is not considered.
- The standard scenario for Multifunction Device (EP type).
- The applied Energy Star program version is 3.0 Professional. Print volume is calculated by number of images described in the Appendix D.
- Print volume: 4,416,000 sheets.
- US market.

4. Interpretation

- CO2 emission in Use & maintenance stage is the largest as 52%. It is important to save energy during product usage and to make the life time of consumables longer. The condition in this CFP evaluation can be different from the one which the user operates under. A choice of the use condition (print mode, print conditions and so on) can reduce the CO2 emission during Use & maintenance stage.
 - CO2 emission in Raw material acquisition stage is the second largest as 37%. It is also important to reduce the size and weight, and to use low environmental impact materials.
 - We evaluated the CFP with Canon's own data of raw materials weight and the general basic unit for the parts because it is difficult to collect the data for a couple of thousands of parts. Accordingly, the results may be different from the specific product specification.
- As such, please be advised that this result would be a rough estimate.

5. Assumptions of secondary data used

IDEA v2.1.3, and registered data of EcoLeaf Environmental Labeling Program, JLCA data v1.07 are used.

6. Remarks

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- For data quantification, please refer to PCR and Rules on quantification and declaration.
- Comparative assertion is permitted only when Rules on quantification and declaration are satisfied.
(Reference URL : <https://ecoleaf-label.jp/regulation/>)
- The CFP only addresses the single impact category of climate change and does not assess other potential social, economic and environmental impacts arising from the provision of a product.