



## Statistics on Waste Pickers in Brazil<sup>1</sup>

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In the current economic downturn, the job of waste picker has taken on new importance as an employment opportunity for those with limited education and skills. Moreover, waste picking is increasingly recognized as making a valuable contribution to global environmental efforts and the development of cities.

Brazil has been at the forefront of efforts to organize waste pickers and to improve their situation and livelihood. Research and activism by NGOs and worker cooperatives on behalf of waste pickers has been ongoing in Brazil for many years. This work led to the official recognition of waste picking in the Brazilian Classification of Occupations (CBO). The definition of the category was developed in a seminar with representatives of municipal environmental groups, waste picker cooperatives and national statistical authorities. Together they identified all of the activities carried out by waste pickers. Since its adoption in 2002, the waste picker category has been used in all relevant data collection efforts in the country.<sup>3</sup> This includes both the National Research by Household Sample (PNAD<sup>4</sup>), which is the main source of social and economic data in the country, and the Annual Listing of Social Information (RAIS<sup>5</sup>), which provides data on commercial establishments, including those that employ waste pickers. In addition the national statistical agency in Brazil has made statistics available by means of CD-ROM and the Internet. All of these initiatives provide unique information on waste pickers.



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<sup>1</sup> Based on Crivellari, Dias and Souza Pena (2008).

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<sup>3</sup> In the 2002 Brazilian Classification of Occupations (CBO), waste pickers – category 5192 – are defined as those who pick, select and sell recyclable material such as paper, cardboard, glass, ferrous and non-ferrous and other reusable materials, whether working on their own or organized in associations or cooperatives as employees. This contrasts to the category in the International Standard Classification of Occupations (ISCO), which includes not only the collection of recyclables but also other types of solid household waste. In Brazil, household waste collection is done by formal solid waste systems, not by informal refuse collectors.

<sup>4</sup> PNAD is carried out by the Brazilian Institute of Geography and Statistics (IBGE) annually between the Censuses. It provides information on work, population, education, income, etc. Because it is household based, it permits identification of persons who work informally, including waste pickers.

<sup>5</sup> RAIS is a national administrative registry of the Ministry of Labour and Employment updated annually. Employers are obliged to declare the occupational status of each employee in continued employment. With the inclusion of waste picking as a category in the Brazilian Classification of Occupations, waste pickers formally employed by commercial establishments are now identified in RAIS.

In the past, waste pickers in Brazil worked mainly on their own, on the streets or in dumpsites. However, more recently waste pickers have worked under more varied arrangements. Three types of waste pickers can now be identified:

- 1) The **unorganized** or **autonomous** waste picker who makes a living picking or buying recyclable materials on the streets or in waste dumps and selling it to junk shops. These workers are not connected to waste pickers associations or cooperatives, although they may sometimes sell the collected materials to these associations.
- 2) The **organized** waste picker who works through cooperatives and associations – many of these waste pickers have worked in the occupation for more than ten years, as opposed to having begun the work recently during the economic downturn.
- 3) The **waste picker with a contract** who works mainly in junk yards or in the metallurgic industrial sector, but also in the public municipal sector or in associations and cooperatives.<sup>6</sup> The worker with a contract is an often unrecognized category of waste picker. The data on enterprises in the RAIS database provide a new and rich source of information on this category (Crivellari et al. 2008).

Data collected by Brazil's official statistical system show that over a quarter million persons in Brazil are engaged in waste picking. While perhaps small in numbers considering the size of the country, these workers are responsible for the high rates of recycling in Brazil. CEMPRE,<sup>7</sup> a not for profit association dedicated to promoting recycling within the context of integrated waste management in Brazil, published data<sup>8</sup> showing nearly 92 per cent of aluminium and 80 per cent of cardboard in Brazil was recycled in 2008. The organization's database, Ciclosoft 2008, also shows that only 7 per cent of municipalities have implemented official source-segregation schemes. Thus the high rates of recycling are achieved mainly by waste pickers (be they organized or non-organized) working outside municipal recycling programmes.

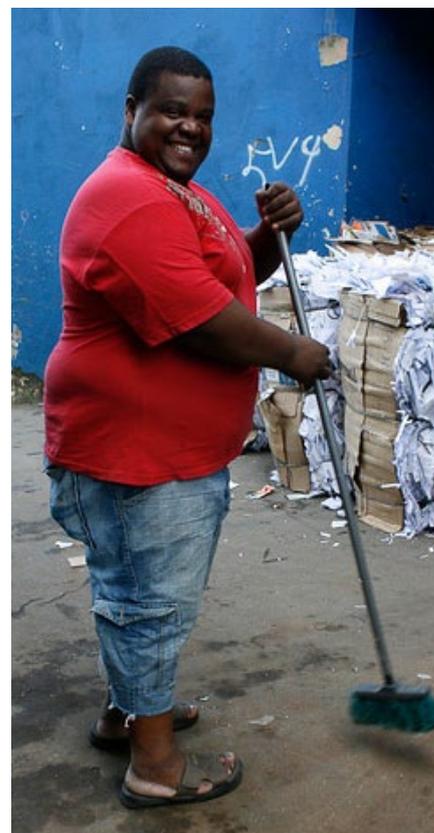
Data also show that 5 per cent of waste pickers have a contract and work under relatively good conditions, most with earnings that are three or four times the national minimum average. Almost two-thirds of waste pickers are men and the predominance of men is even greater (80%) among those working with a contract. However, while official data is not available on the second type of waste pickers described above – those in cooperatives and associations – small scale studies show that over half of these workers are women.

#### **All types of waste pickers** (from PNAD):

- waste pickers number 229,568
- 67 per cent are men and 33 per cent are women
- 25 per cent are 50-64 years and 7 per cent are over 65 years
- only 14 per cent of men and 6 per cent of women attended school
- approximately 4.5 per cent have a formal contract

#### **Waste pickers with a formal contract** (from RAIS):

- 11,781 waste pickers have a formal contract
- 95 per cent have a contract for an undetermined period of time



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<sup>6</sup> In Brazil a worker with a *Carterira de trabalho* (CT) is covered by a body of labour laws – *Consolidacao das Leis do Trabalho* (CLT) – which contains rules for fair labour relations, including a minimum wage, work hours, 30 days of vacation per year, entitlement to insurance, retirement pay, six months unemployment wages and other rights. Workers with a CT are in formal jobs and have the CT for life whether in temporary or continuous employment.

<sup>7</sup> Business Commitment for Recycling – CEMPRE is a 15 year old Brazilian association. Its members include: ALCOA, GERDAU, Coca Cola, Gessy-Lever and others ([www.cempre.org](http://www.cempre.org)).

<sup>8</sup> Source: Technical Notes series (“FichaTécnica Alumínio” and “Ficha Técnica Papel Ondulado”) at [www.cempre.org](http://www.cempre.org). The recycling rates for aluminium are based on data collected by Abal and Abalatas, the Brazilian Association of Aluminium Recyclers.

- 80 per cent are men and 20 per cent are women
- 98 per cent of those receiving between three and four times the minimum wage are men; women are only 2 per cent of this group
- 80 per cent of waste pickers with a contract have levels of education beyond 4th grade and over 60 per cent have an 8th grade education or higher
- education organizations employing waste pickers are spread throughout the various branches of economic activity: waste and junk retailers are the largest at 17 per cent of the total, followed by material and recovery class businesses and the metallurgic industry

**Waste pickers in associations and cooperatives** (small scale studies):

- 56 per cent are women and 44 per cent are men<sup>9</sup> (Instituto nenuca de desenvolvimento sustentável 2007)
- the number of women employed as waste pickers in associations and cooperatives is increasing – from 18 per cent in 1993 to 55 per cent in 1998 (Dias 2002)

## References

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**About WIEGO:** Women in Informal Employment: Globalizing and Organizing is a global research-policy-action network that seeks to improve the status of the working poor, especially women, in the informal economy. WIEGO draws its membership from membership-based organizations of informal workers, researchers and statisticians working on the informal economy. For more information see [www.wiego.org](http://www.wiego.org).

**About Inclusive Cities:** Launched in 2008, the Inclusive Cities project aims to strengthen membership-based organizations (MBOs) of the working poor in the areas of organizing, policy analysis and advocacy, in order to ensure that urban informal workers have the tools necessary to make themselves heard within urban planning processes. Inclusive Cities is a collaboration between MBOs of the working poor, international alliances of MBOs and those supporting the work of MBOs. For more information see [www.inclusivecities.org](http://www.inclusivecities.org).

<sup>9</sup> Data were collected in 2007 by CATAUNIDOS – a commercial network of nine cooperative enterprises in the Belo Horizonte Metropolitan.