

# Report Healthcare Solution

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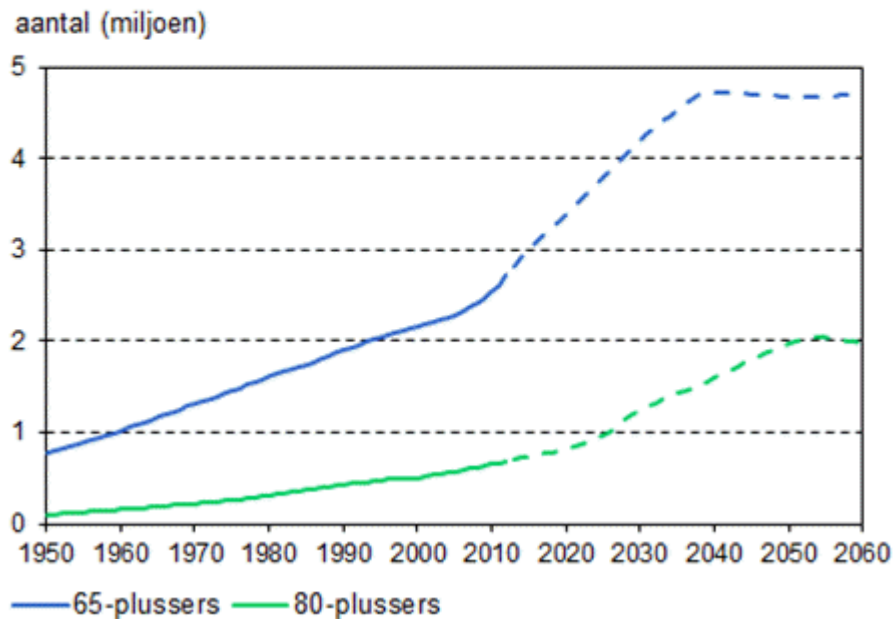
# Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
1.1	General Problem . . . . .	1
1.2	Door Problems . . . . .	1
1.3	Emergency Alert Problems . . . . .	2

# 1 Introduction

## 1.1 General Problem

Figuur 1: Aantal 65- en 80-plussers, 1950-2012 (meetpunt 1 januari) en prognose aantal 65- en 80-plussers, 2013-2060 (Bron: CBS Bevolkingsstatistiek; CBS Bevolkingsprognose voor 2013-2060).



The amount of elderly people is increasing quickly in the Netherlands. [1] The nursing homes can't keep up with the pace and have structural issues. They don't have enough experienced staff and there are a lot of problems with the medication delivery. The elderly also feel that they don't have enough freedom. [2]

Because of that, there is a lot of pressure on the caregivers. If we don't reach a solution soon, there will be few places left for new elderly in nursing homes or the quality of care will be lower.

## 1.2 Door Problems

Many of the elderly have difficulties with moving through the nursing home. There are a lot of doors where for example, elderly in

wheelchairs, can get stuck because the doors close too quickly. There are also doors which won't open automatically, so they require a caregiver to open it. All these problems take valuable time from the caregiver, who could be doing a lot more important things than opening doors. They also take a lot of time and trouble from the elderly.

### **1.3 Emergency Alert Problems**

There are also elderly people who have trouble with the emergency alert buttons in the nursing homes. Some of the elderly are paralyzed and have a lot of pain when they're laying in a bad position in bed at night. At those times, they can't reach the emergency alert button and have to wait till morning before they're assisted.

## References

- [1] CBS, “Bevolkingspiramide.” <https://www.cbs.nl/nl-nl/visualisaties/bevolkingspiramide>, 2017.
- [2] NRC, “Verzorgingshuizen kunnen de structurele problemen niet oplossen.” <https://www.nrc.nl/nieuws/2014/11/08/verpleeg-en-verzorgingstehuizen-kunnen-structurele-problemen-niet-oplossen>, 2014.