The DAWN2™ study is a global partnership initiative for the advancement of person-centred diabetes care. The study sets out to uncover the psychosocial challenges faced by people with diabetes and the people helping them, and explore new avenues for improving care. DAWN2™ represents the voice of more than 15,000 people living with or caring for people with diabetes in 17 countries across 4 continents. In The Netherlands, the DAWN2™ study surveyed a total of 902 people, including 502 people with diabetes, 120 family members of people with diabetes and 280 healthcare professionals involved in providing care to people with diabetes.

**People with diabetes psychosocial indicators³**

DAWN2™ reveals that diabetes presents a significant psychological burden for people with diabetes.

**Diabetes in The Netherlands**

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult population 2014 (20 to 79 years of age)</td>
<td>12.2 million</td>
</tr>
<tr>
<td>Est. number of people with diabetes 2014:¹</td>
<td>887 thousand</td>
</tr>
<tr>
<td>Est. number of people with diabetes 2035:²</td>
<td>1.1 million</td>
</tr>
</tbody>
</table>

**Family members of people with diabetes⁴**

Family members also can be adversely affected by diabetes and its treatment.

- **29%** of respondents perceived a notable diabetes-related burden on the family.
- **13%** of respondents had a high level of distress related to concerns about their relative with diabetes.
- **21%** of respondents were frustrated that they did not know how best to help the person with diabetes they support.
- **19%** of respondents had participated in any diabetes education programmes or activities. Overall, 72% who participated found them to be somewhat or very helpful.

---

¹ Median for all countries surveyed
² Base: All qualified respondents with diabetes (Type 1: n=80; Type 2: n=424)
The first DAWN2 results are available. Now it is our task to act upon these results of this large, international study: we should all work together in order to further improve the care of people with diabetes!

Prof Dr Frans Pouwer, DAWN2™ Lead Investigator

### Healthcare professional perspective

**Healthcare organisation**

- 67% believe that healthcare is well organised for the management of chronic conditions.

**Diabetes should be given higher priority**

- 24% believe that diabetes should be given higher priority.

**Self-management education**

- 38% believe that improving the availability of diabetes self-management education will help reduce the burden of diabetes.

**Need for more qualified diabetes nursing staff**

- 29% believe that more qualified nurse educators or specialised diabetes nurses should be available.

### DAWN2™: Diabetes Attitudes, Wishes and Needs

Assessing patient and healthcare professional attitudes, wishes and needs in diabetes is a vital and valuable part of patient-centred quality of care improvement. The original DAWN™ study, as well as the subsequent DAWN Youth™ study and DAWN Mind™ initiatives show that the psychosocial challenges faced by people with diabetes present significant obstacles in the day-to-day care of the condition. Areas affected are self-management, adherence, access to support and involvement in care.

**DAWN2™ Study: Takes a 360° approach**

DAWN2™ expands on the original DAWN™ study and is the first study of its kind to take a 360° approach to reducing the burden of diabetes, interviewing not only people with diabetes, but also their family members, nurses, dieticians, general practitioners and specialists.

For more information on DAWN™ and DAWN2™, please visit [dawnstudy.com](http://dawnstudy.com).

### References