







# THE COSTS OF DRAVET SYNDROME

Dravet syndrome is a rare, pediatric epilepsy, affecting an estimated **1 in 15,700 live births in the U.S.**<sup>1</sup> **Children with Dravet syndrome experience an average of 40 seizures a month.**<sup>2</sup>

The total direct and indirect costs associated with such frequent seizures can be significant, as Dravet syndrome has both an emotional and an economic effect on caregivers and families.



<b>DIRECT COSTS (USD)</b> (i.e., patient care)	<b>INDIRECT COSTS (USD)</b> (i.e., day-to-day impact)
 In home visits <b>\$9,894</b>	<b>Cost associated with loss of workplace productivity:</b> <sup>3</sup>
 Doctor visits <b>\$2,728</b>	 <b>~997 hours lost</b> or the equivalent of 125 8-hour workdays/year <b>\$19,925</b>
 Emergency room visits <b>\$1,497</b>	 Income <b>\$9,242</b>
 Hospitalization <b>\$11,565</b>	<b>Cost associated with loss of leisure time:</b> <sup>3</sup>
 Ground and air ambulance <b>\$1,188</b>	 <b>~2,047 hours lost</b> or the equivalent of 256 8-hour workdays/year <b>\$52,415</b>
 <b>Annual complementary healthcare costs</b> <sup>3</sup> (chiropractic services, multivitamins, essential oils) <b>\$325</b>	
<b>TOTAL = &gt; \$107,000 per year per patient</b>	

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The emotional burden of caring for a child with Dravet syndrome can be a contributing factor for indirect costs, such as lost productivity. Beyond the factors accounted for in the above study, the emotional burden of Dravet syndrome is proven to have a significant impact for caregivers.



To quantify the direct and indirect costs of Dravet syndrome, Zogenix partnered with the University of Colorado to collect responses from 34 Dravet syndrome caregivers. Study participants were being treated by experts at Children’s Hospital Colorado – therefore, cost estimates may underestimate those of families with Dravet Syndrome that do not have access to Center of Excellence care.

## References

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