



# State of North Carolina

**ROY COOPER**  
GOVERNOR

**X AND Y CHROMOSOME VARIATIONS AWARENESS MONTH**

**2017**

**BY THE GOVERNOR OF THE STATE OF NORTH CAROLINA**

**A PROCLAMATION**

**WHEREAS**, X and Y chromosome disorders are common but frequently undiagnosed genetic conditions that differ from the normal chromosome 23 pairings of XX for females and XY for males; due to a chromosome mistake that produces additional X or Y chromosomes to the normal complement of 46, the resulting total of 47 or more chromosomes may impact a child's developing central nervous system and his or her body condition; and

**WHEREAS**, 1 in 500 children in the United States have X and Y chromosome variations that cause complex learning disabilities, including language impairment, motor planning deficits, reading dysfunction, and attention and behavioral disorders; and

**WHEREAS**, 10 babies born each day have an X and Y chromosome variation, but only three will ever be diagnosed and receive the treatment they need; and

**WHEREAS**, although healthcare professionals are taught that genetic anomalies can impact a child's development, more information about X and Y chromosome variations is needed; and

**WHEREAS**, widespread misinformation about X and Y chromosome variations may cause unnecessary distress to families dealing with such a diagnosis; and

**WHEREAS**, with greater national awareness about the existence of X and Y chromosome variations, children with these disorders can be diagnosed and provided the syndrome-specific medical care and academic intervention they need; and

**WHEREAS**, X and Y Chromosome Variations Awareness Month will increase public awareness and cooperative efforts among organizations and professionals with an interest in addressing the numerous difficulties that living with X and Y chromosome variations—especially without proper diagnosis and treatment—can cause individuals and their families;

**NOW, THEREFORE**, I, ROY COOPER, Governor of the State of North Carolina, do hereby proclaim May, 2017, as "**X AND Y CHROMOSOME VARIATIONS AWARENESS MONTH**" in North Carolina, and commend its observance to all citizens.



  
\_\_\_\_\_  
Roy Cooper  
Governor

**IN WITNESS WHEREOF**, I have hereunto set my hand and affixed the Great Seal of the State of North Carolina at the Capitol in Raleigh this twenty-seventh day of April in the year of our Lord two thousand and seventeen and of the Independence of the United States of America the two hundred and forty-first.