

Influenza Testing Algorithm for 2016–2017 Influenza Season

Michigan Department of Health and Human Services (MDHHS)

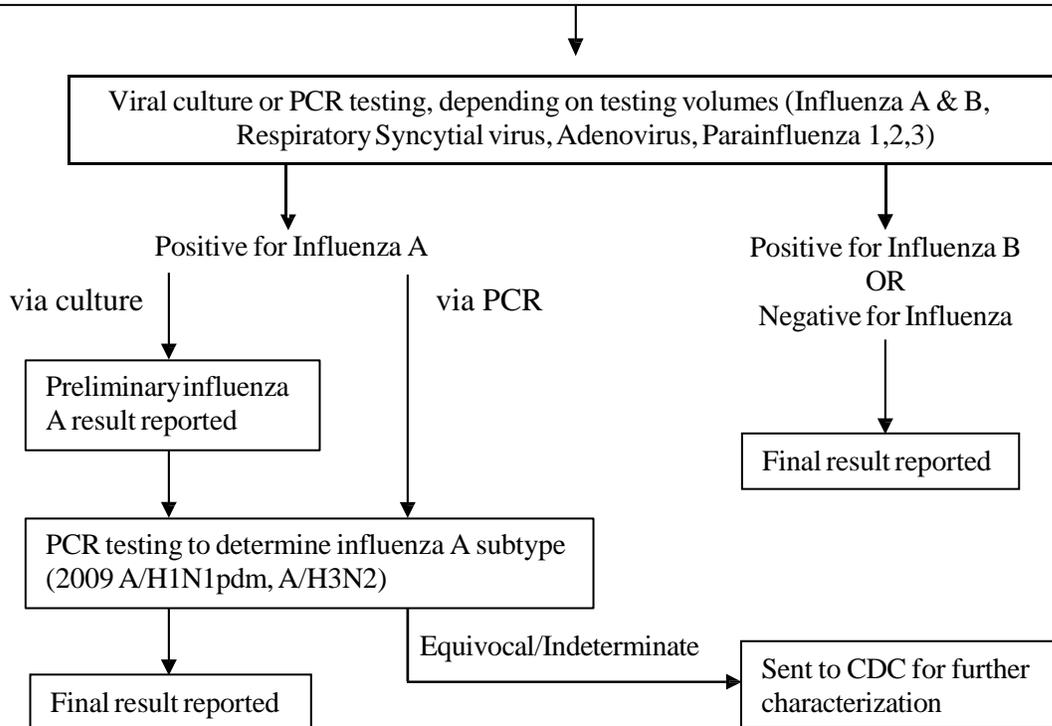
Questions regarding case and outbreak influenza testing should be directed to the MDHHS Division of Communicable Disease at (517) 335-8165 during normal business hours or (517) 335-9030 after hours.

Suspect avian or novel influenza cases (not including 2009 A/H1N1pdm) should be reported immediately to the MDHHS Division of Communicable Disease at the numbers listed above; testing is arranged at that time.

MDHHS encourages periodic submission of representative respiratory specimens for influenza and respiratory virus testing for public health surveillance. Specimens can be from any patient setting. MDHHS highly encourages confirmatory influenza testing and specimen submission of cases of public health interest (**ICU hospitalizations, severely ill pregnant or postpartum women, patients with unusual and severe presentations, deaths**) and from **congregate setting outbreaks**. Please also send **all** influenza positive specimens during the summertime period. See “MDHHS Influenza Surveillance, Reporting and Testing Guidance” documents for more information on influenza testing and reporting, available on the MIHAN and www.michigan.gov/flu

Respiratory Specimen Collection and Submission

- Collect acceptable specimen*# Desired volume is 1.0 ml (1 ml is needed if additional testing is required, minimum acceptable volume is 0.5 ml)
- Complete MDHHS lab test request form (“Microbiology/Virology DCH-0583”)
 - Available at www.michigan.gov/mdhhs/0,4570,7-253_17317_17318_17319_17320_17321_17322_17323_17324_17325_17326_17327_17328_17329_17330_17331_17332_17333_17334_17335_17336_17337_17338_17339_17340_17341_17342_17343_17344_17345_17346_17347_17348_17349_17350_17351_17352_17353_17354_17355_17356_17357_17358_17359_17360_17361_17362_17363_17364_17365_17366_17367_17368_17369_17370_17371_17372_17373_17374_17375_17376_17377_17378_17379_17380_17381_17382_17383_17384_17385_17386_17387_17388_17389_17390_17391_17392_17393_17394_17395_17396_17397_17398_17399_17400_17401_17402_17403_17404_17405_17406_17407_17408_17409_17410_17411_17412_17413_17414_17415_17416_17417_17418_17419_17420_17421_17422_17423_17424_17425_17426_17427_17428_17429_17430_17431_17432_17433_17434_17435_17436_17437_17438_17439_17440_17441_17442_17443_17444_17445_17446_17447_17448_17449_17450_17451_17452_17453_17454_17455_17456_17457_17458_17459_17460_17461_17462_17463_17464_17465_17466_17467_17468_17469_17470_17471_17472_17473_17474_17475_17476_17477_17478_17479_17480_17481_17482_17483_17484_17485_17486_17487_17488_17489_17490_17491_17492_17493_17494_17495_17496_17497_17498_17499_17500_17501_17502_17503_17504_17505_17506_17507_17508_17509_17510_17511_17512_17513_17514_17515_17516_17517_17518_17519_17520_17521_17522_17523_17524_17525_17526_17527_17528_17529_17530_17531_17532_17533_17534_17535_17536_17537_17538_17539_17540_17541_17542_17543_17544_17545_17546_17547_17548_17549_17550_17551_17552_17553_17554_17555_17556_17557_17558_17559_17560_17561_17562_17563_17564_17565_17566_17567_17568_17569_17570_17571_17572_17573_17574_17575_17576_17577_17578_17579_17580_17581_17582_17583_17584_17585_17586_17587_17588_17589_17590_17591_17592_17593_17594_17595_17596_17597_17598_17599_17600_17601_17602_17603_17604_17605_17606_17607_17608_17609_17610_17611_17612_17613_17614_17615_17616_17617_17618_17619_17620_17621_17622_17623_17624_17625_17626_17627_17628_17629_17630_17631_17632_17633_17634_17635_17636_17637_17638_17639_17640_17641_17642_17643_17644_17645_17646_17647_17648_17649_17650_17651_17652_17653_17654_17655_17656_17657_17658_17659_17660_17661_17662_17663_17664_17665_17666_17667_17668_17669_17670_17671_17672_17673_17674_17675_17676_17677_17678_17679_17680_17681_17682_17683_17684_17685_17686_17687_17688_17689_17690_17691_17692_17693_17694_17695_17696_17697_17698_17699_17700_17701_17702_17703_17704_17705_17706_17707_17708_17709_17710_17711_17712_17713_17714_17715_17716_17717_17718_17719_17720_17721_17722_17723_17724_17725_17726_17727_17728_17729_17730_17731_17732_17733_17734_17735_17736_17737_17738_17739_17740_17741_17742_17743_17744_17745_17746_17747_17748_17749_17750_17751_17752_17753_17754_17755_17756_17757_17758_17759_17760_17761_17762_17763_17764_17765_17766_17767_17768_17769_17770_17771_17772_17773_17774_17775_17776_17777_17778_17779_17780_17781_17782_17783_17784_17785_17786_17787_17788_17789_17790_17791_17792_17793_17794_17795_17796_17797_17798_17799_17800_17801_17802_17803_17804_17805_17806_17807_17808_17809_17810_17811_17812_17813_17814_17815_17816_17817_17818_17819_17820_17821_17822_17823_17824_17825_17826_17827_17828_17829_17830_17831_17832_17833_17834_17835_17836_17837_17838_17839_17840_17841_17842_17843_17844_17845_17846_17847_17848_17849_17850_17851_17852_17853_17854_17855_17856_17857_17858_17859_17860_17861_17862_17863_17864_17865_17866_17867_17868_17869_17870_17871_17872_17873_17874_17875_17876_17877_17878_17879_17880_17881_17882_17883_17884_17885_17886_17887_17888_17889_17890_17891_17892_17893_17894_17895_17896_17897_17898_17899_17900_17901_17902_17903_17904_17905_17906_17907_17908_17909_17910_17911_17912_17913_17914_17915_17916_17917_17918_17919_17920_17921_17922_17923_17924_17925_17926_17927_17928_17929_17930_17931_17932_17933_17934_17935_17936_17937_17938_17939_17940_17941_17942_17943_17944_17945_17946_17947_17948_17949_17950_17951_17952_17953_17954_17955_17956_17957_17958_17959_17960_17961_17962_17963_17964_17965_17966_17967_17968_17969_17970_17971_17972_17973_17974_17975_17976_17977_17978_17979_17980_17981_17982_17983_17984_17985_17986_17987_17988_17989_17990_17991_17992_17993_17994_17995_17996_17997_17998_17999_18000
 - In the “Indicate Test Requested” section, fill in the box for “*INFLUENZA (PCR/CULTURE)*”
- Ship specimen to MDHHS Bureau of Labs on frozen cold packs, along with MDHHS lab test request form. Avoid shipping over a weekend or holiday unless by special arrangement with MDHHS.



* Acceptable specimens: NP swab in viral transport medium (VTM) or saline (PBS); Dual NP/OP swabs in VTM or PBS; Throat swab in VTM or PBS; Nasal aspirates; Nasal swab in VTM or PBS; Broncheolar lavage, Bronchial wash, sputum (PCR only), lung tissue; viral isolates. **DO NOT SUBMIT MULTIPLE SAMPLES ON THE SAME PATIENT** unless by special arrangement.

Swabs used in influenza rapid diagnostic tests **cannot** be reused for MDHHS testing. Consider collecting two swabs so that one may be reserved for MDHHS confirmatory testing if needed. Alternatively, an aliquot of the original specimen may be submitted.