

0 F . L Q Q H \ , Q G H S H Q G H Q W 6 F K R R C





& R P S U H K H Q V L Y H 1 H H G V \$ V V H V

'H P R J U D S K L F V 6 X P P D U \

\* R R G + L U H

: D O O H W + X E

'H P R J U D S K L F V 6 W U H Q J W K V



6WDII 4XDOLW\ 5HFUXLWPHQW DQG 5HWHQWLQRQ 6XPPDU\

& XUULFXOX P , QVWUXFWLRQ DQG \$VVHVVPHQW 6XPPDU\

3DUHQW DQG &RPPXQLW\ (QJDJPHQW 6XPPDU\

0F.LQQH\ ,QGHSHQGHQW 6FKRRO 'LVWULFW  
\*HQHUDWHG E\ 3ODQ /HDUQLQJ FRP

RI

'LVWULFW  
2FWREHU

7HFKQRORJ\ 6XPPDU\

7HFKQRORJ\ 6WUHQJWKV

0F.LQQH\ ,QGHSHQGHQW 6FKRRO 'LVWULFW  
\*HQHUDWHG E\ 3ODQ /HDUQLQJ FRP

RI

'LVWULFW  
2FWREHU

# & R P S U H K H Q V L Y H 1 H H G V \$ V V H V V P H Q V

7KH IROORZLQJ GDWD ZHUH XVHG WR YHULI\ WKH FRPSUHKHQVLYH QHHGV DVVHVVPHQW DQDO\VI ,PSURYHPHQW 3ODQQLQJ 'DWD

- 'LVWULFW JRDOV
- &DPSXV JRDOV
- +% 5HDGLQJ DQG PDWK JRDOV IRU 3UH.
- +% &&05 JRDOV
- 3HUIRUPDQFH 2EMHFVLYHV ZLWK VXPPDWLYH UHYLHZ SULRU \HDU
- &DPSXV 'LVWULFW LPSURYHPHQW SODQV FXUUHQW DQG SULRU \HDUV
- 3ODQQLQJ DQG GHFLVLRQ PDNLQJ FRPPLWWHH V PHHWLQJ GDWD
- 6WDWH DQG IHGHUDO SODQQLQJ UHTXLUHPHQWV

\$FFRXQWDELOLW\ 'DWD

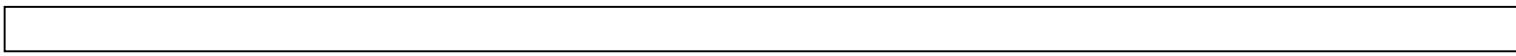
- 7H[DV \$FDGHPLF 3HUIRUPDQFH 5HSRUW 7\$35 GDWD
- 6WXGHQW \$FKLHYHPHQW 'RPDLQ
- 6WXGHQW 3URJUHVW 'RPDLQ
- &ORVLQJ WKH \*DSV 'RPDLQ
- (IIHFVLYH 6FKRROV )UDPHZRUN GDWD
- &RPSUHKHQVLYH 7DUJHWHG DQG RU \$GGLWLRQDO 7DUJHWHG 6XSSRUW ,GHQWLILFDWLRQ G
- \$FFRXQWDELOLW\ 'LVWLQFWLRQ 'HVLJQDWLRQV
- )IGHUDO 5HSRUW &DUG DQG DFFRXQWDELOLW\ GDWD
- 5'\$ GDWD

6WXGHQW 'DWD \$VVHVVPHQWV

- 6WDWH DQG IHGHUDO\ UHTXLUHG DVVHVVPHQW LQIRUPDWLRQ
- 67\$\$5 FXUUHQW DQG ORQJLWXGLQDO UHVXOWV LQFOXGLQJ DOO YHUVLRQV
- 67\$\$5 (QG RI &RXUVH FXUUHQW DQG ORQJLWXGLQDO UHVXOWV LQFOXGLQJ DOO YHUVLRQV
- 67\$\$5 UHOHDVHG WHVW TXHVWLRQV
- 67\$\$5 (PHUJHQW %LOLQJXDO (% SURJUHVW PHDVXUH GDWD
- 7H[DV (QJOLVK /DQJXDJH 3URILFLHQF\ \$VVHVVPHQW 6\VWHP 7(/3\$6 DQG 7(/3\$6 \$OWHUQDW

- 5DFH DQG HWKQLFLW\ GDWD LQFOXGLQJ QXPEHU RI VWXGHQWV DFDGHPLF DFKLHYHPHQW (
- 6SHFLDO SURJUDPV GDWD LQFOXGLQJ QXPEHU RI VWXGHQWV DFDGHPLF DFKLHYHPHQW GL\
- (FRQRPLFDOO\ GLVDGYDQWDJHG 1RQ HFRQRPLFDOO\ GLVDGYDQWDJHG SHUIRUPDQFH DQG S





+ % \* R D O

( Y D O X D W L R Q ' D 3 W J D Q 6 F R L X S U D F C H Y H H G E D F N

6 W U D W H J \ ' H W D L O V

5 H Y L H Z V

6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW,0JFUHDVH *UDGH 67\$\$\$5 5HDGLQJ SHUIRUPDQFH 6WUDWHJ\ V ([SHFWH7OKHSWVXUOFM QPSDDJHWRI UG JUDGH VWXGHQWV WKDW 5HDGLQJ ZLOO LQFUHDVH IURP WR E\ -XQH 6WDII 5HVSQRQVLEOH HIRUW KOLQQJL WQGLVQDU UQLQJ DQG (OHPHQWDU\ 6XSSRUW	)RUPDWLY H6XPPDV VFRPH PHHMEV JUDGXQH W
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW,0JFUHDVH *UDGH 67\$\$\$5 0DWKHPDWLFV SHUIRUPDQFH 6WUDWHJ\ V ([SHFWH7OKHSWVXUOFM QPSDDJHWRI UG JUDGH VWXGHQWV WKDW 0DWKHPDWLFV ZLOO LQFUHDVH IURP WR E\ -XQH 6WDII 5HVSQRQVLEOH HIRUW KOLQQJL WQGLVQDU UQLQJ DQG (OHPHQWDU\ 6XSSRUW	)RUPDWLY H6XPPDV VFRPH PHHMEV JUDGXQH W
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW)UJHTXHQW DQG URXWLQH PRQLWRULQJ RI GDLO\ DWWHQGDQFH UHSRUW )RUPDWLY H6XPPDV 6WUDWHJ\ V ([SHFWH0G65HVWVXOGWQPSVDZWOOLPSURYH DWWHQGDQFH UDWHV 1MR EHD\ -XQH 6WDII 5HVSQRQVLEOH ORBHQVQD WMRDQQJ6HFRQGDU\ 6XSSRUW	HV1MR EHD\ -XQH W
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW)UJHTXHQW DQG URXWLQH PRQLWRULQJ RI FUHGLW FKHFNV WUDQVFULSWRUW PDDQGLY H6PSPXPDV 6WUDWHJ\ V ([SHFWH0G65HVWVXOGWQPSVDZWOODFKLHYH D JUDGXDWLRQ UDWH 1RW RU DFERYH -XQE 6WDII 5HVSQRQVLEOH XRGIDQRFQHL WQGLQJXQVHOLQJ (OHPHQWDU\ DQG 6HFRQGDU\ 6XSSRUW 7HD	DWY RU DFERYH -XQE W
0%... 1R 3URJUHV \$FFRPSOLVKH & RQWLQXH ORI\LVFRQWLQXH	

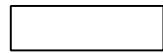
6WUDWHJ\ 'HWDLOV

5HYLHZV

6WUDW'HHJM HORS D SODQ IRU DFDGHPLF DQG FRJQLWLYH YRFDEXODU\ LQVWUXFWLRQ DQG  
UHVRXUFH GRFXPHQWV LQ DOLJQPHQW ZLWK +56 /HYHO ,,,

6WUDWHJ\ V ([SHFWHG 5HVXOW ,PSDFW

6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW(HQJXUH HIIHFYLH WHDFKLQJ VWUDWHJLHV DUH LQ SODFH WR PHHW WKRHUQBWGV HKRPLDV 6WUDWHJ\ V ([SHFWHQGLQHWR,IP\\$'DGDWD PHHWLQJV DQG RU 3/& V WKDW KPYH IRFEXVHGXRQH RI GLYHUVH OHDUQHUV (/ KLJKO\ PRELOH OHDUQHUV KRPHOHVV IRVWHUFDUU PLOLWDU 5LVN *7 DQG RU SUHJQDQW SDUHQWLQJ DQG RWKHU GLVDJJUHJDWHG JURXSV LGHQWLILHG 6WDII 5HVSQRQVLEOH IRU KOLQQJLW\ QGLV\ QDUQLQJ (OHPHQWDU\ DQG 6HFRQGDU\ 6XSSRUW	
5HVXOWV 'ULYHQ \$FFRXQWDELOLW\	
 0%	



6WUDWHJ\ 'HWDLOV	5 HYLHZV
6WUDW\$JH DU DW D JODQFH GRFXPHQW ZLOO EH GHYHORSHG WR HQVXUH DGPLQLVWUDWRUV 6WUDWHJ\ V ([SHFWH B F5HPVHQOWWGR \$B@W SHG PRQLWRUHG DGMXVWHG DV QHHG )HE -XQH 6WDII 5HVSRQVLEOH@W KOLRQQJL W@QGL U@DUQLQJ	DSSU)RSJUPDDWLY H6Q@PVDW 1RY )HE -XQH DQG LPSOI
6WUDWHJ\ 'HWDLOV	5 HYLHZV
6WUDWHRQWKO\ GHSUWPHQW PHHWLQJV ZHHNO\ FRRUGLQDW RU PHHWLQJV DQG PDLWLY H6R@P@D FROODERUDWLRQ DFURVV DOO FRQWHQW DUHDV DV ZHOO DV FURVV FXULF XQDU FRQQH FWLRQ 6WUDWHJ\ V ([SHFWHG 5HPVSKOHP HRQSDDFWLRQ RI WKH DQQXDO FROODERUDWLRQ SODQ 6WDII 5HVSRQVLEOH@W KOLRQQJL W@QGL U@DUQLQJ	1RY )HE -XQH
6WUDWHJ\ 'HWDLOV	5 HYLHZV
6WUDW'HIJALJQ SURIHVVLRQDO OHDUQLQJ DOLJQHG WR +56 IRU /HDUQLQJ 6WDII 5HVSRQVLEOH@W KOLRQQJL W@QGL U@DUQLQJ	DQG )RHUPDOLVQJY H6IX@P@B 1RY )HE -XQH
6WUDWHJ\ 'HWDLOV	5 HYLHZV
6WUDW'HIJALJQ GLVWULFW SURIHVVLRQDO OHDUQLQJ GD\V 6WDII 5HVSRQVLEOH@W KOLRQQJL W@QGL U@DUQLQJ	)RUPDWLY H6XPPDV 1RY )HE -XQH
6WUDWHJ\ 'HWDLOV	5 HYLHZV
6WUDW'HIJALJQ SURIHVVLRQDO OHDUQLQJ IRU DOO OF.LQQH\ ,6' ,QVWUXFWL RQD@R&RD@WKLHY H6X@P@B 6WDII 5HVSRQVLEOH@W KOLRQQJL W@QGL U@DUQLQJ	1RY )HE -XQH
0% 1R 3URJUHV =ij g€Ë/ ñ * Rj P0PÐ	1RY

+ % \* R D O

6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW3HUR YLGH D YDULHW\ RI RSSRUWXQLWLHV IRU JUDGXDW HV WR PHHW JUDGXDWLRQ 6WUDWHJ\ V ([SHFWH,QFSUHVD\VHVV, W&C HVWV DWWDLQLQJ &&05 LQ DW OHDVW RQH LQGLFDWRU 6WDII 5HVSQRQVLEOH XRGIDQRFQHL\WQGL&QRJXQVHOLQJ &DUHHU DQG 7HFKQLFDO (GXFDWLRQ 7HDFK	7(\$ )FRULP\WHDW\WLYD\HDXP & B 1RY )HE -XQH QJ \$GYDQFHG \$FDGH
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW'HHJ\HORS DQG LPSOHPHQW DQ LQVWUXFWLRQDO SODQ WR VXSSRUW 6WUDWHJ\ V ([SHFWH,QFSUHVD\VHWS, HPSIDRFW\ DQFH RQ 6\$7 IRU 0,6' VWXGHQW 6WDII 5HVSQRQVLEOH HIR\W KOLRQQJL\WQGL\QDUQLQJ *XLGDQFH DQG &RXQVHO	6\$7 )SRU\PSDD\WLDW\H6 RRPIDRV 1RY )HE -XQH QJ \$GYDQFHG \$FDGH
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW&HJDWH D JUDGHV SODQ IRU HQVXULQJ VWXGHQWV KDYH PXOWLSOH FRUSPSDRW\WVHQ\KWPB VFKRRO JUDGXDWLRQ 6WDII 5HVSQRQVLEOH XRGIDQRFQHL\WQGL&QRJXQVHOLQJ &DUHHU DQG 7HFKQLFDO (GXFDWLRQ 7HDFK	1RY )HE -XQH QJ \$GYDQFHG \$FDGH
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW(HSDQG GXDO FUHGLW RSSRUWXQLWLHV DQG LQFUHDVH DGYLVLQJ 2Q5DPSV FRXUVHV 6WUDWHJ\ V ([SHFWH,QFSUHVD\VHVL, QSDXIFWHVVIXO GXDO FUHGLW SDUWLFL HPEHGGHG DW +6 OHYHO WR LQFUHDVH DGYLVLQJ 'HYHORS SURSRVDO 6WDII 5HVSQRQVLEOH XRGIDQRFQHL\WQGL&QRJXQVHOLQJ &DUHHU DQG 7HFKQLFDO (GXFDWLRQ DQG 7	VXSSRRU\W\DRW\WYH\HDXP\PFUV 1RY )HE -XQH QJ \$GYDQFHG \$FDGH
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW5HJYLHV &7( SDWKZD\V WR HQVXUH VWXGHQWV ZLWK GLYHUVH LQW XSRQ FRPSOHWLRQ RI WKH SDWKZD 6WUDWHJ\ V ([SHFWH,B16Q\WOSADWPKS\DRW WKDW PHHW WKH QHHGV RI GLYHUVH OHDUQHUV ,QF 6WDII 5HVSQRQVLEOH &DRU\W\H\W\QDQWGR\W\QKQLFDO (GXFDWLRQ DQG *XLGDQFH DQG &RXQVHOLQJ	HUHV\W\WU\RDW\WYH\HDXP\PFUV 1RY )HE -XQH QJ \$GYDQFHG \$FDGH

6 WUDWHJ\ 'HWDLOV

6 WUDWHJ\ 'HWDLOV  
6 WUDWHJ\ 'HWDLOV  
6 WUDWHJ\ 'HWDLOV  
FRUH FRQWHQW DUHD DQG LQ JUDGH .  
LQ SXOO RXW SURJ  
FRUH FRQWHQW DUHD DQG LQ JUDGH .  
LQ SURWHFWHG VHFWRQV LQ FOXGLQJ +XPDQLWLHV  
FRUH FRQWHQW DUHD DQG LQ JUDGH .  
LQ SXOO RXW SURJ  
FRUH FRQWHQW DUHD DQG LQ JUDGH .  
LQ SURWHFWHG VHFWRQV LQ FOXGLQJ +XPDQLWLHV

5 HYLHZV

(YDOXDWL RQ 'DWWB \$66R XUFHV

6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW3UR YLGH VKHOWHUHG LQVWUXFWLRQ WUDLQLQJ DQG VXSSRUW IRU 6WUDWHJ\ V ([SHFWH, B S5OHVPHQW DPVSDRFQ RI VKHOWHUHG LQVWUXFWLRQ VHFHQGDU\ VKHOWHUHG DQG (6/ FODVVHV ZLOO LQFUHDVH DFDGHPLF 6WDII 5HVSQRQVLEOHQ ROLVRQ/LMDRQHQJ 6XSSRUW  5HVXOWV 'ULYHQ \$FFRXQWDELOLW\	WHD)RKHPDWIDQG 6XGFPDV VWURWHLJLHVELQ HQHPI DFKLHYYHPHQW DQG O
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW3URIHVVLRQDO GHYHORSPHQW DQG FRQWLQXHG VXSSRUW IRU WHD (//HYDWLRQ VWUDWHJLHV WR SURYLGH GLIIHUVHQWLDWHG LQVWUXFWLRQ 6WUDWHJ\ V ([SHFWH, G/HYDWORQ, R\$MDWVHJLHV PDNH FRQWHQW DFFHVV OHDUQHUV 6WDII 5HVSQRQVLEOHQ ROLVRQ/LMDRQHQJ 6XSSRUW DQG &DPSXV \$GPLQLVWUDWRUV  5HVXOWV 'ULYHQ \$FFRXQWDELOLW\	FKHU)R UIPQWWLQ K6XPLPQ RU, QJOLVK / HDUQHUV LEOH DQG HQD EOH LQH
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW3UR YLGH WDUJHWHG SURHVVLRQDO GHYHORSPHQW DQG LQVWUXFWLRQ DRQJUWDWBRXH6FXHPV IDW WR LQFUHDVH WKH DFDGHPLF ODQJXDJD SURILFLHQF\ RI (QJOLVK / HDUQHUV 6WUDWHJ\ V ([SHFWH, QFSUHVDVHAG, BQJXLVWLF DQG DFDGHPLF JURZWK IRU (QJOLVK OH DUQHUV DVVHVVPHQWV 6WDII 5HVSQRQVLEOHQ ROLVRQ/LMDRQHQJ 6XSSRUW DQG &DPSXV \$GPLQLVWUDWRUV	1RY )HE -XQH
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW&RJOODERUDWH ZLWK /3\$& \$GPLQLVWUDWRUV DQG FDPSXV 5HJLVWUDUV )MRRI PSDUVRYY 6XKPSPLDV 3(,06 FRGLQJ IRU (QJOLVK OH DUQHUV 6WUDWHJ\ V ([SHFWH, B S5OHVPHQW SDUWLFLSDWLRQ DQG DVVHVVPHQW RI (QJOL 6WDII 5HVSQRQVLEOHQ ROLVRQ/LMDRQHQJ 6XSSRUW DQG &DPSXV \$GPLQLVWUDWRUV	1RY )HE -XQH

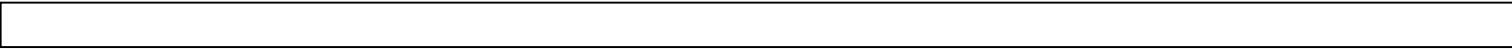
OF.LQQH\ ,QGHSHQGHQW 6FKRRO 'LVWULFW  
\*HQHUDWHG E\ 3ODQ /HDUQLQJ FRP

RI

'LVWULFW  
2FWREHU



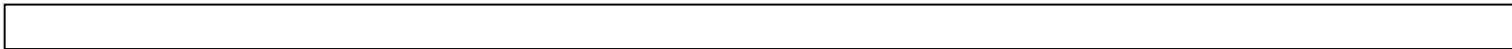
(YDOXDWRQ 'DWD 6RXUFHV



6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW <del>HJ</del> HORS FROODERUDWLRQ DQG WUXVW DPRQJ 0,6' VWDII VR WKDW 6WDII 5HVSQRQVLEOH <del>F</del> RLUQ QRQL <del>W</del> R&UDLQJQ HW ([HFXWLYH /HDGHUVKLS 7HD	HYH <del>YRRQPHD</del> WDQ <del>HCRPNDW</del> <del>P &amp;DP \$XV) \$SPLQLXQH</del>
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW <del>HJ</del> RYLGH SDUHQWV VWDII VWXGHQWV DQG RWKHU VWDNHKROGHU 6WDII 5HVSQRQVLEOH <del>F</del> RLUQ QRQL <del>W</del> R&UDLQJQ HW DQG ([HFXWLYH /HDGHUVKLS	VRS <del>SRRUPWD</del> XQLYM <del>6XHPWV</del> 7HD <del>PRY</del> )HE -XQH
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW <del>HJ</del> RYLGH YDULHG RSSRUWXQLWLHV IRU SDUHQW HGXFDWLRQ DQG FROODREURPUDDWLYR <del>6XPPDV</del> 6WDII 5HVSQRQVLEOH <del>F</del> RLUQ QRQL <del>W</del> R&UDLQJQ HW DQG ([HFXWLYH /HDGHUVKLS	7HD <del>PRY</del> )HE -XQH
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW <del>HJ</del> HORS D VWUDWHJLF SODQ URDGPD <del>S</del> IRU LPSOHPHQWDWLRQ LQ 6SULQRUPDW <del>WLYD</del> <del>6XRPWV</del> 6WDII 5HVSQRQVLEOH <del>F</del> RLUQ QRQL <del>W</del> R&UDLQJQ HW DQG 6WUDWHJLF 3ODQQLQJ 7HD <del>PRY</del> )HE -XQH	7HD <del>PRY</del> )HE -XQH
6WUDW <del>HJ</del> QYHQH WKH &KDPSLRQV &RPPLWWHH WR GHYHORS UHFRPPHQGHG VW <del>WUDPHDUW</del> HY <del>HBRUP</del> P/DV IRU DOO &RPPLWWHH PHPEHUV ZLOO EH FRPSULVHG RI SDUHQWV VWXGHQWV <del>WHDYKHUVE</del> FRX <del>1RYTHE</del> -XQH 6WDII 5HVSQRQVLEOH <del>H</del> IRQ <del>W</del> ROUR QLUWHFWLRQJ RI /HJD <del>O</del> \$IIDLUV 6HQLRU 'LUHFWRU RI &RXQVHOLQJ	
0%  1R 3URJUHV  \$FFRPSOLVKH  &RQWLQXH OR <del>I</del> LVFRQWLQXH	







6WUDWHJ\ 'HWDLOV

5HYLHZV

6WUDWHSJGDWH DQG VKDUH GPLQLVWUDWLYH UHJXODWLRQV WKDW FRQQHFW WRUERBWUGHSROLF\\  
HPSOR\HH SRUWDO

6WUDWHJ\ V ([SHFWHG SBIWXSOSR UPASDGF WRU DOO GPLQLVWUDWLYH UHJXODWLRQV  
6WDII 5HVSRQVLEOH6HIRQW ROUR QLUWHRFUNLRQJ RI /HJD O \$IIDLUV

6 WUDWHJ\ 'HWDLOV	5 HYLHZV
6 WUDWHRQLWRU DQG LQVSHFW 3URJUDP ,QWHQW &RGH 3,& &RPSOLDQFH 6 WUDWHJ\ V ([SHFWHGRGHQX&VRQ&BFWWRQV :KHQ 5HTXLUGH 6 WDII 5HVSRQVLEOH%KRVLORQWLWRUHQFH 'HS DUWPHQW	)RUPDWLYH6XPPDV 1RY )HE -XQH
6 WUDWHJ\ 'HWDLOV	5 HYLHZV
6 WUDW\$QD O\]H ([SHQGLWXUHV IRU %XGJHW 5HFRPPHQGDWLRQV 6 WUDWHJ\ V ([SHFWHGS\$HQVGLQWXPISDFUH DQDO\]HG WR GHWHUPLQH HIIHF 6 WDII 5HVSRQVLEOH%KRVLORQWLWRUHQFH 'HS DUWPHQW	)RUPDWLYH6XPPDV 1RY )HE -XQH
6 WUDWHJ\ 'HWDLOV	5 HYLHZV
6 WUDW(HQVXUH UPDQFH1O %XVLQHVV )SHJRQV WR DQDCOLDQFH	

6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW5HJ\ LQH DQG (QKDQFH %XVLQHV 6HUYLHV 7UDLQLQJ 6WUDWHJ\ V ([SHFWH7QJ BHQIXOJWF, RPSQXFWHG DW OHDVW WLPHV SRVLWLYHRIHGEYHEN IURXQSH 6WDII 5HVSQRQVLEOH%KRULQWLQWRUQQQFH 'HSDUWPHQW	)RUPDWLYH6XPPDV
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW5HJ\ LQH DQG (QKDQFH 3D\UROO 7UDLQLQJ 6WUDWHJ\ V ([SHFWH7QJ BHQIXOJWF, RPSQXFWHG DW OHDVW WLPHV SRVLWLYHRIHGEYHEN IURXQSH 6WDII 5HVSQRQVLEOH%KRULQWLQWRUQQQFH 'HSDUWPHQW	)RUPDWLYH6XPPDV
0%... 1R 3URJUHV \$FFRPSOLVKH &RQWLQXH ORIILVFRQWLQXH	

0F.LQQH\ ,QGHSHQGHQW 6FKRRO 'LVWULFW  
\*HQHUDWHG E\ 3ODQ /HDUQLQJ FRP

RI

'LVWULFW  
2FWREHU

6WUDWHJ\ 'HWDLOV

6WUDW, GHQWL\ EXLOGLQJ V\VWHPV RU LQ VRPH FDVHV VSHFLILF LWHPV

5HYLHZV

WKDW DUH LQ QHHG R

6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW&HRJQGXFW PRQWKO\ SKLVKLQJ WHVW DQG WUDLQLQJ 6WUDWHJ\ V ([SHFWHGHSRUWORM SPKSLDVKWQJ VFRUH DQG QXPEHU RI VWDI 6WDII 5HVSQRQVLEOH\ HIR\ QORQRLJW RBSQ\ WPHQW	)RUPDWLYH6XPPDV WURPQHG)HE -XQH
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDWHRJQLWRU ZHE FRQWHQW ILOWHULQJ WR EORFN LQDSSURSULDWH FRQWH)RWPDWLYH6XPPDV 6WUDWHJ\ V ([SHFWHGHSRUWORM WPSHDFOXPEHU RI ZHEVLWHV EORFNG 6WDII 5HVSQRQVLEOH\ HIR\ QORQRLJW RBSQ\ WPHQW	1RY )HE -XQH
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDWHRJQLWRU DQWL PDOZDUH DQG DQWLYLUXV ORJV 6WUDWHJ\ V ([SHFWHGHSRUWORM PFDSDZFDWUH DQG YLUXVHV EORFNG 6WDII 5HVSQRQVLEOH\ HIR\ QORQRLJW RBSQ\ WPHQW	)RUPDWLYH6XPPDV 1RY )HE -XQH
6WUDWHJ\ 'HWDLOV	5HYLHZV
6WUDW%ORFN NQRZQ EDG DFWRUV RQ WKH )LUHZDOOV 6WUDWHJ\ V ([SHFWHGHSRUWORM PFDSDZFDWUH DQG YLUXVHV EORFNG 6WDII 5HVSQRQVLEOH\ HIR\ QORQRLJW RBSQ\ WPHQW	)RUPDWLYH6XPPDV 1RY )HE -XQH
0%... 1R 3URJUHV \$FFRPSOLVKH → &RQWLQXH ORI\LVFRQWLQXH	

6WUDWHJ\ 'HWDLOV

5HYLHZV

6WUDWHJ\





# TSDS PEIMS DISAGGREGATION OF PEIMS STUDENT DATA

**LEA-level Data**  
**Campuses: 002...197**

2022 - 2023 Fall Collection, Accepted Submission

LEA: 043907 - MCKINNEY ISD

ENROLLMENT BY GRADE		Count	%Enroll
EARLY EDUCATION		204	0.87%
PRE-KINDERGARTEN		365	1.56%
KINDERGARTEN		1,495	6.40%
GRADE 1		1,576	6.75%
GRADE 2		1,605	6.88%
GRADE 3		1,689	7.24%
GRADE 4		1,560	6.68%
GRADE 5		1,637	7.01%
GRADE 6		1,681	7.20%
GRADE 7		1,796	7.69%
GRADE 8		1,915	8.20%
GRADE 9		2,068	8.86%
GRADE 10		1,992	8.53%
GRADE 11		1,877	8.04%
GRADE 12		1,882	8.06%
TOTAL		23,342	100.00%
ENROLLMENT BY SEX		Count	%Enroll
MALE		11,921	51.07%
FEMALE		11,421	48.93%
TOTAL		23,342	100.00%
ADA ELIGIBILITY		Count	%Enroll
"0" ENROLLED, NOT IN MEMBERSHIP		168	0.72%
"1" ELIGIBLE FOR FULL DAY		22,713	97.31%
"2" ELIGIBLE FOR HALF DAY		104	0.45%
"3" TRANSFER FOR FULL DAY		356	1.53%
"4" INELIGIBLE FOR FULL DAY		0	0.00%
"5" INELIGIBLE FOR HALF DAY		0	0.00%
"6" TRANSFER FOR HALF DAY		1	0.00%
"7" ELIGIBLE FLEX ATND		0	0.00%
"8" INELIGIBLE FLEX ATND		0	0.00%
"9" ENRLD, NOT MBRSHP VIRT LRG		0	0.00%
TOTAL		23,342	100.00%
		Count	%Enroll
EMERGENT BILINGUAL		3,279	14.05%
IMMIGRANT		546	2.34%
ECONOMIC DISADVANTAGE		8,222	35.22%
MILITARY CONNECTED		1,276	5.47%
FOSTER CARE		25	0.11%
DYSLEXIA		2,174	9.31%
PK ELIGIBLE PREVIOUS YEAR		0	0.00%

TOTAL ENROLLMENT		23342	
ENROLLMENT BY ETHNICITY		Count	%Group
AMER. INDIAN/ALASKAN		84	0.36%
ASIAN		1,474	6.31%
BLACK/AFRICAN AMER.		3,615	15.49%
HISPANIC/LATINO		6,742	28.88%
WHITE		10,071	43.15%
HAWAIIAN/PAC ISLAND		32	0.14%
TWO OR MORE		1,324	5.67%
TOTAL		23,342	100.00%
MIGRANTS		Count	%Group
AMER. INDIAN/ALASKAN		0	0.00%
ASIAN		0	0.00%
BLACK/AFRICAN AMER.		0	0.00%
HISPANIC/LATINO		0	0.00%
WHITE		0	0.00%
HAWAIIAN/PAC ISLAND		0	0.00%
TWO OR MORE		0	0.00%
TOTAL		0	0.00%
OTHER ECON DISADV		Count	%Group
AMER. INDIAN/ALASKAN		0	0.00%
ASIAN		0	0.00%
BLACK/AFRICAN AMER.		0	0.00%
HISPANIC/LATINO		0	0.00%
WHITE		0	0.00%
HAWAIIAN/PAC ISLAND		0	0.00%
TWO OR MORE		0	0.00%
TOTAL		0	0.00%
ELIGIBLE FOR FREE/REDUC MEALS		Count	%Group
AMER. INDIAN/ALASKAN		30	0.36%
ASIAN		300	3.65%
BLACK/AFRICAN AMER.		2,248	27.34%
HISPANIC/LATINO		4,032	49.04%
WHITE		1,180	14.35%
HAWAIIAN/PAC ISLAND		10	0.12%
TWO OR MORE		422	5.13%
TOTAL		8,222	100.00%
35.22%		35.22%	

BILINGUAL		Count	%Group	%Enroll
AMER. INDIAN/ALASKAN		4	0.32%	0.02%
ASIAN		3	0.24%	0.01%
BLACK/AFRICAN AMER.		3	0.24%	0.01%
HISPANIC/LATINO		1,152	93.05%	4.94%
WHITE		67	5.41%	0.29%
HAWAIIAN/PAC ISLAND		1	0.08%	0.00%
TWO OR MORE		8	0.65%	0.03%
TOTAL		1,238	100.00%	5.30%
ESL		Count	%Group	%Enroll
AMER. INDIAN/ALASKAN		11	0.52%	0.05%
ASIAN		378	17.91%	1.62%
BLACK/AFRICAN AMER.		82	3.89%	0.35%
HISPANIC/LATINO		1,418	67.20%	6.07%
WHITE		210	9.95%	0.90%
HAWAIIAN/PAC ISLAND		0	0.00%	0.00%
TWO OR MORE		11	0.52%	0.05%
TOTAL		2,110	100.00%	9.04%
Alternative Language Program		Count	%Group	%Enroll
AMER. INDIAN/ALASKAN		0	0.00%	0.00%
ASIAN		0	0.00%	0.00%
BLACK/AFRICAN AMER.		0	0.00%	0.00%
HISPANIC/LATINO		0	0.00%	0.00%
WHITE		0	0.00%	0.00%
HAWAIIAN/PAC ISLAND		0	0.00%	0.00%
TWO OR MORE		0	0.00%	0.00%
TOTAL		0	0.00%	0.00%
GIFTED & TALENTED		Count	%Group	%Enroll
AMER. INDIAN/ALASKAN		12	0.42%	0.05%
ASIAN		279	9.72%	1.20%
BLACK/AFRICAN AMER.		143	4.98%	0.61%
HISPANIC/LATINO		428	14.92%	1.83%
WHITE		1,845	64.31%	7.90%
HAWAIIAN/PAC ISLAND		3	0.10%	0.01%
TWO OR MORE		159	5.54%	0.68%
TOTAL		2,869	100.00%	12.29%

## TSDS PEIMS DISAGGREGATION OF PEIMS STUDENT DATA

**LEA-level Data**  
**Campuses: 002...197**

2022 - 2023 Fall Collection, Accepted Submission

LEA: 043907 - MCKINNEY ISD

<b>TITLE I, PART A</b>	<b>Count</b>	<b>%Group</b>
"0" DOES NOT PARTICIPATE	19,517	83.61%
"6" ATTENDS SCHOOL WIDE	3,825	16.39%
"7" ATTENDS AND PARTICIPATES	0	0.00%
"8" PREVIOUSLY PARTICIPATED	0	0.00%
"9" HOMELESS RECEIVING SRV	0	0.00%
"A" NEGLECTED RECEIVING SVC	0	0.00%
<b>TOTAL</b>	<b>23,342</b>	<b>100.00%</b>

<b>HOMELESS/UNACCOMPANIED YOUTH</b>	<b>Count</b>	<b>%Enroll</b>
HOMELESS	316	1.35%
UNACCOMPANIED YOUTH CODE 3	284	1.22%
UNACCOMPANIED YOUTH CODE 4	32	0.14%
UNACCOMPANIED YOUTH TOTAL	316	1.35%
* Unaccompanied Youth Total Should Match Homeless Count		

<b>AT RISK</b>	<b>Count</b>	<b>%Group</b>	<b>%Enroll</b>
AMER. INDIAN/ALASKAN	32	0.43%	0.14%
ASIAN	487	6.58%	2.09%
BLACK/AFRICAN AMER.	1,268	17.12%	5.43%
HISPANIC/LATINO	3,738	50.48%	16.01%
WHITE	1,606	21.69%	6.88%
HAWAIIAN/PAC ISLAND	9	0.12%	0.04%
TWO OR MORE	265	3.58%	1.14%
<b>TOTAL</b>	<b>7,405</b>	<b>100.00%</b>	<b>31.72%</b>

<b>SPECIAL EDUCATION</b>	<b>Count</b>	<b>%Group</b>	<b>%Enroll</b>
AMER. INDIAN/ALASKAN	13	0.36%	0.06%
ASIAN	136	3.78%	0.58%
BLACK/AFRICAN AMER.	747	20.77%	3.20%
HISPANIC/LATINO	1,171	32.55%	5.02%
WHITE	1,331	37.00%	5.70%
HAWAIIAN/PAC ISLAND	9	0.25%	0.04%
TWO OR MORE	190	5.28%	0.81%
<b>TOTAL</b>	<b>3,597</b>	<b>100.00%</b>	<b>15.41%</b>

<b>PK PROGRAM CODE</b>	<b>Count</b>	<b>%Group</b>
"00" NOT APPLICABLE	0	0.00%
"01" PK ELIG>2 <4 HRS/DAY	0	0.00%
"02" PK ELIG 4+ HRS/DAY	352	96.44%
"03" PK ELIG 4+ HRS/DAY + SP ED	13	3.56%
"04" PK INELIG>2 <4 HRS/DAY	0	0.00%
"05" PK INELIG 4+ HRS/DAY	0	0.00%
<b>TOTAL</b>	<b>365</b>	<b>100.00%</b>

<b>PRIMARY PK FUNDING SOURCE</b>	<b>Count</b>	<b>%Group</b>	<b>%Enroll</b>
"1" TUITION FEES	0	0.00%	0.00%
"2" LOCAL DIST SHARE	176	50.00%	0.75%
"3" STATE GRANT	0	0.00%	0.00%
"4" FEDERAL	176	50.00%	0.75%
"5" EARLY ED ALLOTMENT	0	0.00%	0.00%
"9" OTHER	0	0.00%	0.00%
<b>TOTAL</b>	<b>352</b>	<b>100.00%</b>	<b>1.51%</b>

<b>SECONDARY PK FUNDING SOURCE</b>	<b>Count</b>	<b>%Group</b>	<b>%Enroll</b>
"1" TUITION FEES	0	0.00%	0.00%
"2" LOCAL DIST SHARE	0	0.00%	0.00%
"3" STATE GRANT	0	0.00%	0.00%
"4" FEDERAL	0	0.00%	0.00%
"5" EARLY ED ALLOTMENT	0	0.00%	0.00%
"9" OTHER	0	0.00%	0.00%
<b>TOTAL</b>	<b>0</b>	<b>0.00%</b>	<b>0.00%</b>

## TSDS PEIMS STAFF FTE BY ROLE

LEA-level Data | All Roles

Campuses: 002..197

2022 - 2023 Fall Collection, Accepted Submission

LEA: 043907 - MCKINNEY ISD

	<u>Summary FTE</u>	<u>Role FTE</u>	<u>Percent</u>
Total Staff (FTEs):	2,222.8		100.0%
Teacher	1,585.4		71.3%
047 Substitute Teacher: A person who serves in a classroom in the absence of a teacher certified for that assignment where the teacher has quit, died, or been terminated; or, a person who is permanently hired to substitute on an as-needed basis.		1.6	0.1%
087 Teacher: (combination of former codes 025 and 029) A professional employee who is required to hold a valid teacher certificate or permit in order to perform some type of instruction to students		1,583.8	71.3%
Professional Support	251.4		11.3%
008 School Counselor: Provides guidance and counseling services to students		57.3	2.6%
011 Educational Diagnostician: Provides educational diagnostic services and individualized education program development		20.0	0.9%
013 Librarian: Supervises library/learning resources center, or functions as one of several librarians, or learning resource specialists, on a major campus		24.1	1.1%
016 Occupational Therapist: Serves as Occupational Therapist		5.0	0.2%
017 Certified Orientation and Mobility Specialist (COMS)		1.0	0.0%
018 Physical Therapist: Serves as Physical Therapist		1.0	0.0%
022 School Nurse: A person that complies with TEC			

## TSDS PEIMS STAFF FTE BY ROLE

LEA-level Data | All Roles

Campuses: 002..197

2022 - 2023 Fall Collection, Accepted Submission

Thursday 08/24/2023 2:33 PM

Page 2 of

LEA: 043907 - MCKINNEY ISD

	Summary FTE	Role FTE	Percent
--	-------------	----------	---------

Total Staff (FTEs):	2,222.8		100.0%
Campus Administration	90.6		4.1%
003 Assistant Principal: Assists the principal of a particular campus in any duties the principal may deem appropriate	59.4		2.7%
020 Principal: serves as the instructional leader of the school whose duties include selecting teachers for the campus, setting education objectives, developing budgets, and working with school professionals to prepare individual development plans	30.0		1.3%
040 Athletic Dir: Used only when the staff member with such a title is performing admin tasks directing the athletic pgm. Resp may include supervision of coaches and other personnel in the athletic pgm. It is not used when coaching duties are being performed	1.2		0.1%
Educational Aides	295.5		13.3%
033 Educational Aide: Performs routine classroom tasks under the general supervision of a certified teacher or teaching team	295.5		13.3%