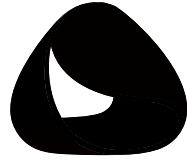


香港交易及結算所有限公司及香港聯合交易所有限公司對本公告的內容概不負責，對其準確性或完整性亦不發表任何聲明，並明確表示，概不對因本公告全部或任何部分內容而產生或因倚賴該等內容而引致的任何損失承擔任何責任。



**江西銅業股份有限公司**  
**JIANGXI COPPER COMPANY LIMITED**

(在中華人民共和國註冊成立的中外合資股份有限公司)

(股份代碼：0358)

**海外監管公告**

本公告乃根據香港聯合交易所有限公司證券上市規則第13.10B條而作出。

茲載列江西銅業股份有限公司(「本公司」)將於二零一七年三月三十日在中華人民共和國上海證券交易所網站([www.sse.com.cn](http://www.sse.com.cn))刊登之《江西銅業股份有限公司審計報告》，僅供參閱。

特此公告。

江西銅業股份有限公司  
董事會

中華人民共和國·江西省·南昌市  
二零一七年三月二十九日

於本公告日期，本公司執行董事包括李保民先生、龍子平先生、高建民先生、梁青先生、汪波先生、吳金星先生及吳育能先生；本公司獨立非執行董事為涂書田先生、章衛東先生、孫傳堯先生及劉二飛先生。



# 审计报告

德师报(审)字(17)第 P01118 号  
(第 1 页, 共 6 页)

江西铜业股份有限公司全体股东:

## 一、 审计意见

我们审计了江西铜业股份有限公司(以下简称江西铜业)2017年12月31日的合并资产负债表,2017年度的合并利润表、合并现金流量表、合并所有者权益变动表以及财务报表附注。我们认为,后附的财务报表在所有重大方面按照企业会计准则的规定编制,公允反映了江西铜业2017年12月31日的合并财务状况,以及2017年度的合并经营成果和合并现金流量。

我们认为,江西铜业2017年度财务报表在所有重大方面按照企业会计准则的规定编制,公允反映了江西铜业2017年度的合并财务状况,以及2017年度的合并经营成果和合并现金流量。

### 一、 对财务报表审计的意见

我们按照中国注册会计师审计准则的规定执行了审计工作。审计报告的“注册会计师的责任”一节进一步详细描述了本所按照中国注册会计师审计准则的规定执行的审计工作。这些准则要求我们遵守职业道德守则,计划和执行审计工作以对财务报表是否不存在重大错报获取合理保证。

### 二、 关键审计事项

关键审计事项是指注册会计师根据职业判断认为对本期财务报表审计最为重要的事项。这些事项的应对以对财务报表整体是否不存在重大错报获取充分、适当的审计证据为基础,本所不对关键审计事项单独发表意见。

审计报告(续)

德师报(审)字(17)第 P01118 号  
(第 2 页, 共 6 页)

三、关键审计事项 - 续

(一) 存货的可变现净值

事项描述

1. 存货的可变现净值是指存货的公允价值减去销售费用后的净额。存货的可变现净值应当按照成本与可变现净值孰低的原则进行计量。

三、关键审计事项 - 续

(二) 应收账款的可回收性

事项描述

截至 2016 年 12 月 31 日江西铜业合并财务报表附注五(4)“应收账款”所示应收账款账  
面余额人民币 1,270,000,071.33 元, 应收账款坏账准备人民币 2,250,800,070.33 元。由于江西铜

审计报告(续)

(第 4 页, 共 6 页)

四、其他信息

江西铜业管理层对其他信息负责。其他信息包括年度报告中涵盖的信息,但不包括财  
务报表和我们出具的审计报告。

我们对财务报表发表的审计意见不涵盖其他信息,我们也不对其他信息发表任何形式

在按照审计准则执行审计工作的过程中, 我们运用职业判断, 并保持职业怀疑。同时, 我们也执行以下工作:

(1) 识别和评估由于舞弊或错误导致的财务报表重大错报风险, 设计和实施审计程序以应对这些风险, 并获取充分、适当的审计证据, 作为发表审计意见的基础。由于舞弊可能涉及串通、伪造、故意遗漏、虚假陈述或凌驾于内部控制之上, 未能发现由于舞弊导致的

重大错报的风险高于未能发现由于错误导致的重大错报的风险;

(2) 了解与审计相关的内部控制, 以设计恰当的审计程序;

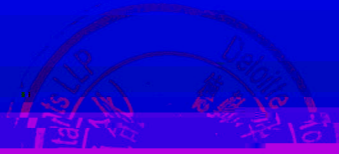
(3) 评价管理层选用会计政策的恰当性和作出会计估计及相关披露的合理性;

审计报告(续)

德师报(审)字(17)第 P01118 号  
(第 6 页, 共 6 页)

六、注册会计师对财务报告的审计责任

从注册会计师的角度来看, 当财务报表编制者向注册会计师提供必要且适当的审计证据, 且注册会计师按照审计准则的要求, 实施了恰当的审计程序, 并在此基础上形成了审计意见, 注册会计师对财务报表的审计责任, 应当限于注册会计师的审计责任, 而不应扩展到财务报表编制者的编制责任。



! " # \$ % & ' ( )

2016, 12 - 31. / , 0

! " # \$ % &

1 2 3 4

	56	78	, 9:	, ; :
' ( " # )				
< 3 = >		( ? ) 1	13,078,661,138	20,680,508,461
@ ( A B C D E F G H I D J K L M N O > P = Q		( ? ) 2	485,725,863	771,946,511
R S T U		( ? ) 3	3,019,514,818	3,172,899,600
R S V W		( ? ) 4	11,539,205,992	9,646,223,729
R S X Y W		( ? ) 5	2,003,582,482	1,386,701,367
Z [ W 5		( ? ) 6	2,328,593,497	1,732,389,912
R S \ ]			124,513,665	131,497,715
R S \$ \			-	4,000,000
G ^ R S W		( ? ) 7	2,975,049,254	3,276,246,022
_ <		( ? ) 8	15,412,386,091	13,368,854,801
` a b c & d e O = Q			189,891,677	-
f g h e > P = Q		( ? ) 9	2,890,577,247	2,812,500,000
G ^ i l = Q		( ? ) 10	2,717,042,190	3,043,080,773
' ( " # * )			<b>56,764,743,914</b>	<b>60,026,848,891</b>
+ ' ( " # )				
f g h e > P = Q		( ? ) 9	1,931,735,878	835,249,276
j L \$ k l =		( ? ) 11	3,006,404,786	2,902,612,916
! = m n o Q		( ? ) 12	484,296,697	352,526,439
p q = Q		( ? ) 13	17,972,552,020	18,814,989,668
r s t u		( ? ) 14	2,961,956,154	2,631,850,762
v w = Q		( ? ) 15	2,436,209,742	2,389,365,046
x y z {		( ? ) 16	514,761,013	530,191,016
} ~ • = Q		( ? ) 17	960,335,408	922,887,544

"#\*TD(?)

)| } w = Q

! " # \$ % & ' ( )

! " # \$ % & - -

1 2 3 4

56	78	, 9:	, ; :
' ( \$ %)	R[		
" L # W	(? )19	14,868,139,788	15,811,616,985
@( A B C D E F H I D J K L M N O > P \$ %	(? )20	3,229,152,199	1,969,533,221
R[ T U	(? )21	5,656,814,269	4,288,351,629
R[ V W	(? )22	6,160,336,752	4,286,669,816
Z S W 5	(? )23	1,350,074,536	1,616,660,475
R[ & t ' (	(? )24	796,910,430	627,824,189



! " # \$ % & ' ( )

2016, 12 - 31. / , O

3 4 5 " # \$ % & - -

1 2 3 4

56	78	, 9:	, ; :
' ( \$ %)			
" L # W		4,151,900,000	5,197,917,120
@( A B C D E F H I D J K L M N O > P \$ %		1,666,493,129	37,954,173
R[ V W		2,186,386,541	4,456,838,603
R[ T U		-	518,611,309
Z S W 5		225,342,200	330,022,095
R[ & t ' (		503,883,539	406,350,686
R) *		815,152,462	327,277,755
R[ \ ]		2,755,767	41,448,603
G ^ R[ W		776,196,869	791,958,439
+ , , - L O ! i   \$ %		39,689,046	7,194,788,315
' ( \$ % *		<b>10,367,799,553</b>	<b>19,303,167,098</b>
+ ' ( \$ %)			
j L R[ W	■	10,979,054	11,734,990
j L R[ & t ' (		71,145,898	100,136,639
Z D \$ %		156,329,286	133,474,469

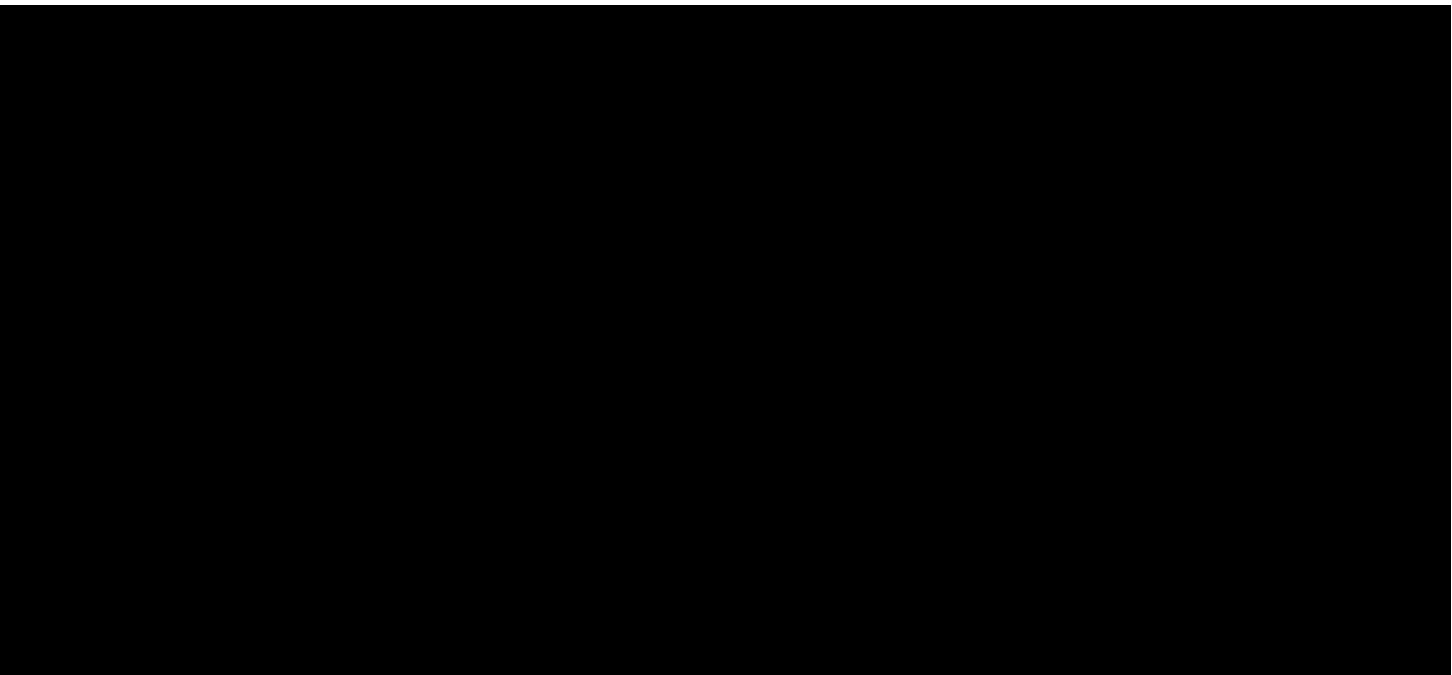
! " # \$ % & ' ( )

2016, 12 - 31 . / , O

! 67&

1 2 3 4

56	78	{ , >W	X, >W
+ Y Z # S J ] LZGF1+2 10.56 Tf10.56 0 TD ( ) Tj aL!F1-1 10.56 Tf31.68 020,308,220,227			
[ L Z # z {	(? )39	195,310,265,014	181,478,255,317
> \ 7 ]	(? )40	579,935,563	554,320,878
^ e * _	(? )41	569,016,272	515,355,849
P Y * _	(? )42	1,663,987,735	2,026,445,194
? @ * _	(? )43	252,005,504	533,712,434
= Q [ C M `	(? )44	1,153,454,641	455,345,340
] L ( A B C H I S N ( M ` )	(? )45	(582,587,116)	219,994,069
I = S N ( M ` )	(? )46	(228,258,546)	552,027,701
G a L b c Z d # e O Z d # O I = M `		(50,816,218)	(282,278,114)



! " # \$ % & ' ( )

2016, 12 - 31 . / , ○

---

34567&

1 2 3 4

56	78	{ , >W	X, >W
+YZ#SJ	(UV)4	66,733,093,912	67,272,757,193
[ LZ#z{	(UV)4		

! " # \$ % & ' ( )

2016, 12 - 31. / , O

! 89' : &

1 2 3 4

56	78	{ , >W	X, >W
; <=>? ( # @ A 8 9 ' : )			
^ e & ' Y ( g ) @ S - O u >		234,124,155,635	213,361,136,708
S - O * * +		56,052,477	78,301,107
S - O G ^ , - Z . I & / O u >	( ? ) 51 ( 1 )	981,742,832	1,908,439,058
- Z . I u > i J O D		235,161,950,944	215,347,876,873
1 2 & ' Y 3 4 ) @ j [ O u >		223,761,499,307	205,344,852,157
j [ 5 & t @ \ b & t j [ O u >		2,967,908,609	3,208,084,675
j [ O 6 5 *		2,435,381,997	3,395,460,432
j [ O G ^ , - Z . I & / O u >	( ? ) 51 ( 2 )	1,671,162,064	1,497,456,303
- Z . I u > i h O D		230,835,951,977	213,445,853,567
- Z . I Q 7 O u > i E m W		4,325,998,967	1,902,023,306
B < C " ? ( # @ A 8 9 ' : )			
S 8 I = ~ S - O u >		6,099,349,000	11,109,856,279
9 • I = S N ~ S - O u >		289,045,691	458,950,534

! " # \$ % & ' ( )

2016, 12 - 31. / , O

34589' : &

	56	78	{ , >W	1 2 3 4 X, >W
; <=>? ( # @ A 8 9 ' : )				
^ e & ' Y ( g ) @ S - O u >			76,102,709,374	80,719,107,063
S - O * * +			9,835,368	45,561,096
S - O G ^ , - Z . I & / O u >			577,394,697	943,901,431
- Z . I u > i J O D			76,689,939,439	81,708,569,590
1 2 & ' Y 3 4 ) @ j [ O u >			72,644,952,653	72,986,261,461
j [ 5 & t @ \ b & t j [ O u >			1,961,549,623	2,338,811,957
j [ O 6 5 *			1,572,543,999	2,837,758,434
j [ O G ^ , - Z . I & / O u >			1,298,208,456	1,400,676,926
- Z . I u				

! " # \$ % & ' ( )

2016, 12 - 31. / , O

---

! . / O 1 1 ( &

1 2 3 4

56

f77556 re fBT/F1+1 7.44 Tf0 0 0 rg 135.6 4TD (56)449.92 TjE{,2 7.44 Tf14.88 0 TD ( ) TjET0.8 0.871.92 160D08e fBT fBT/F2 11.6 1460D08e48.48 r fBT/F2 2TD 36 160D08e fBT fBT/F2 4

! " # \$ % & ' ( )

! . / 0 1 | ( & (- )

! " # \$ % & ' ( )

2016, 12 - 31. /, O

---

345. /011 ( &

1 2 3 4

56	{ ,		
	#{ ( . G ^ / O . /		

! " # \$ % & ' ( )

345. / O1I ( &(- )

1 2 3 4

56	X,		
	\${	={ ( . G ^ / OSN	

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. /, O

---

(; ) 4 5 Z [ \ ]

! " # \$ % & ' ( )



! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(D) def \*gh2f \* i \* . -

5<y; z b{ 2+y; z b{ l m ! Af \* | } ~ • - -

5.2! a+tvGOd#O \& \_ -

O z{r; O a9•O{12 f m=Q(ABC%WOz Wf Rb+5=Q b&  
z{sg; DEMO z{O; O a9•O{12 f m=Q(ABC%Wof b9•O  
{12 65f =QY\$\ &\$%O(ABC@\O z{ODEsg f nO z{  
O; O a9•O{12 f m=Q(ABC%Wof DJ KLMNM

d#O wzO& rO ?@ABa| H Af Oz{ D[ C 3nO>WDEM

6< ! ^ \_ ` &Aab~•

6.1O ?@ABO v M

O ?@ABOO { |@tvb" @ qMtvG l = &b{l = Ok f , {  
l = O /. l : ~&fH8Af F&p \_b{l = Ok G8A>WM+ / ^  
e OH X tvq \O / b7 H f{STtsgq] M

; () OO c ; { ST • b ; () Otvkmf /; { ST ` b ; () OtvkmM

b; { SThi O; () fhi . ( ` tvkO. L) O-Zz eu>i E - %Ko} ~rO  
\8BeO u>i EBaM

b; ! a+tvGOd#O 9•O; () fG 12. (9• tvkO. L)cO- Zz \u>  
i E - %Ko} ~rO \8BeO u>i EBaM

b; a+tvGOd#O 9•O; () fv 5d#O b7rA LO +m f a ;  
( ) a4 tv tv . c J{STOO { |fG A L L L; cO- Zz eu>  
i E %Ko} ~rO \8BeO u>i EBaM

; () \_OO QD eQDL O{ ( ) + qOQD eQDL qM

{ ( ) , ; ( ) \; ( ) b7O, D) j bO ?@ABO ; O m M

; ( ) ~&AkNao: ; < ( ) O%WRb>: \$=kNfr O =Q\$%Ba \$=kN56G@>  
: \$=kN,,56H M ( ) KLmMNa: ; >: \$=kNO%Wfr O \8Bam\856G@  
">: \$=MN,,56H M

>: \$=a O; ( ) O! M" >: \$=r ; ( ) , ; ~&AkNa ~ ~&O%Wf G5W  
[ >: \$=kNM

b; 12; ( ) >: \$k hi Da\$k l =#\$& ` b ; ( ) tvkO) j f Rbk Nm) j  
yf 9: ; < ( ) \$=kNe>: \$=kNOV BC@ Gr; ( ) a /kNOH M>  
: \$=kNO W, j [/S- bBO(ABC OzW = { ( . f = { ( . o [ Of  
\_SNM

) j a 9• { 12 O\$k f wz! a+tvGOd#O Ofa%G&; ; "+ ' ; )  
j „sghYL: ; "+ ' ; ) j „Of t 65) j Rb+59• tvkO) j sgQDhYMo: ; „+  
' ; ) j „Of r 12. Rb9• tvkO) j sgQDhYf12. c&O{12 O\$k \$  
kr12. O(ABCsgq] DEf(ABC, V BC OzWDJ KLMN 12. c&O  
{12 O\$k \kNM yGOG^/OSNYG^~&AkNHI Of b12. ~: KLSNM

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. / , O

---

(D) def \*gh2f \*i \* - -

6< ! ^ \_ ` &Aab~• - -

6.10 ?@ABO v M -

hi Da\$kI = G^ ` b &; () tvkOf(5\$k OGr ` tvk. O(A  
BCsgq] DEMhi \$k9• ObB, (5\$k(ABC ef[] c\$\* +DyR~12. 96 T

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(D) def \* gh2f \* i \* - -

9< xm\_2 x` & - -

9.1 g3#@ -

@ z{ DE Og3! <3m56 @) j b7. O LDExyO V{ } 3>WDEM@( AB  
CDE Og3! <3m56f \_( ABC q. O LDExyfxynO V{ } 3>W, V  
{ } 3>WOz Wf Rb( ABCHI (KDEHI )hYf DJ KLMN bG^/OSNM

9.2 g3?@ABxy

b vO ?@ABf hg- ZOg3?@AB @G Mxyb123ABL=Q\$%BaO~&=  
QY\$r56 =Q\$%B. O LDExy \$=kN56 b7mO LDExy \8BaO  
~&56\ \8a7b7WO56 , ) j b7. LDEFGODExy xyn=Qr56,  
\$%r56e\$=kNr56OD: OzW bG^/OSN DJ\$=kNM

g3u>i E@\hg; () Ou>i Ef \_, u>i Eb7. LDEFGODExyf DEHI  
bu>\u>>B?O WfRb L56fru>i EBa@"DEHI bu>\u>>B?O ,,  
| H M

, ; : eX, ^W: OX, ?@ABxynO: WH M

r hi { STr hg- ZOMD~&AkN hi Da\$kl = G^ ` bhg- Ztvk  
mft=Q\$%Ba\$=kN56GH OY, hg- Z /O9: ; <() \$=kNOg3ABx  
yzWfMD Jhi KLMNM

r hi Da\$kl = G^ c&hg- ZkN\* +NO#o ` bhg- Ztvkmf, h  
g- Zhi Da /Og3ABxyzWt9: ; >: \$=kNfo JKLMNMr hi hg- Zb  
cZd# OZd#ODa\$kmf, hg- Z /Og3ABxyzWf hi hg- ZO\* +  
Jhi KLMNM

**10<9**

r { STzb>Pt OaO+ m +5>P=Q >P\$%M>P=Qe>P\$%r; m  
@( ABCDE Mb; @( ABCDEFGHI DJ KLMNO>P=Qe>P\$%f /O) j \* \_  
3DJ MNfb; G^r %O>P=Qe>P\$%f /) j \* \_DJ; >WM

10.1 ^W\EM

^W\EMG O>P=Q >P\$(K+C>P=Q >P\$%)O^W\EDyG 5z{ \6  
L\] SJ j hO MM^W\EG t>P=Q >P\$%r ZL\_ L %\_O " L , O  
6Pu>i Efxub >P=Q >P\$%K V BC~B\_O\EM

r Dy ^W\Emf{ STr /O>P=Q >P\$%~&Oa WO" XZD6Pu>i E(o/O  
6PO \_M` )fam+ /O>P=Q >P\$%Oa6 j [ S9OY: ; ^W\ECz Da  
O65S\*Y) j \* \_\xB B>M

10.2 >P=QOarY eDE

>P=Qr; m` ab@( ABCDEFGHI DJ KLMNO>P=QYc&E- LI =YQ  
WeRSW5@\f ghe>P=QM@ 92R>P=Qf ) j . QDsg e / M

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(D) def \* gh2f \* i \* - -

10<9 - -

10.2>P=QOarY eDE -

10.2.1

@( ABCDEFGHI DJ KLMNO>P=Q} ~) j m>P=Qe qb@( ABCDEFGH  
I DJ KLMNO>P=QM

S GH +O>P=Q` ab) j m>P=QL(1)9• >P=QO6OfO Gb FL, h  
e (2); m : ; sgSaPYOf >Pt COO+DafF&T UB- {STFL  
\_" L \ 9b COsgPY (3): ; U7t f#G{ qFb&wvLt OU7t Y:  
; ?@ XOaOU7t Y, r. i a\$&ABFG(ABCopfVDEOkNt I =WX  
Y ) [ kNt 4yOU7t gM

OG +O>P=Qfr; mf qb@( ABCDEFGHI DJ KLMNO>P=  
QL(1) qf@ - Z[ >F; >P=QODE" oa~ O /\ • M`r D  
E o+ O (2){ STABPY I = [ O\ 9] ^ \_- fb >P=Q~r O>P  
=QCO >P=Qe>P\$%CO@( ABCb" sgPYY B ` / aPY1zA (3)  
O O} KbJ U7t OcOt M

@( ABCDEFGHI DJ KLMNO>P=Q \_( ABCsgn DEf ( ABCHI wz O\  
• M` @\ , >>P=Q / O\$ \ e \ ] SJ DJ KLMNM

10.2.2

c&E- LI = G - L. pqY8S>Wpq f qf F{ ST&- deep c&E- LO!  
U7>P=QM

c&E- LI = \_^W\ EMf 5z{ sgn DEfr / Yb7[ C ^mQ7O\  
• M` f DJ KLMNM

10.2.3

QWeRSW5G r. i a\$&ABY8S>Wpq f qO! U7>P=QM{ ST` ab  
QWeRSWO>P=Q} ~RSTUYRSVWYRS\ ] YRS\$ \ YG^RSWYG^i I =Q  
\ G^! i I =Q>M

QWeRSW5 \_^W\ EMf 5z{ sgn DEMr / Yb7[ C ^mQ7O\  
• M` f DJ KLMNM

10.2.4

f ghe>P=Q} ~; m { qbfgheO! U7>P=Qf @\ @( ABCDEF  
GHI DJ KLMNO>P=QYQWeRSW5Yc&E- LI =@gO>P=QM

f ghe>P=Q \_( ABCsgn DEf ( ABCHI wz O\  
3m>P=Q, 5z{ / ODHZWDJ KLMNgf bG^ / OSNfr >P=Q /  
m hf DJ KLMNM

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(D) def \*gh2f \*i \* - -

10<9 - -

10.2>P=QOarY eDE -

10.2.4 -

f ghe>P=Qc&L 9•O\] \{ | =| } f bgOu>\$\f DJI =SNM

r. i a\$&ABFG(ABCopfVDEOkNt | =f@\, kNt WX Y )  
[ kNt 4yOU7>P=Qf Oz { DEM

10.3>P=Q[ C

@( ABCDEFGHI DJ KLMNO>P=Qgf { ST r! =Q\$%B. bG^>P=Q  
OV BCsghi f &T UB- >P=Qb7[ CO f D( [ C 3MB- >P=Qb7[ CO  
T UG >P=Q; n^Wb7OYb >P=QOZD6Pu>i E& fFp b  
sgfVDEO 5M

>P=Qb7[ COT Uf } ~GHf - O65 5L

- (1) bg %@1b7j q?@kl
- (2) %@1m Oa Wf =[\] {>b7m nL>
- (3) { STh; - M > O/Ofbb7?@kl O%@1Rho
- (4) %@1Cfppq AsgG^?@qC
- (5) bg b7qr?@kl f >P=QvMr. i r )j
- (6) vM +C>P=QaO 5=QOu>i EG& - [ >f# U( O: UbGsgl  
Bnbuf C>P=Q ; @POZD6Pu>i E [ >FfDEF} ~L  
- C>P=QO%@1j [ p s t  
- %@1~rKH ou- hu fp C>P=QvMj [ O
- (7) kNt bg1- Z~hO Yi Y- M h>b7qro\H fBkNt | =  
1fpvMS8l =z{
- (8) kNt | =O( ABCb7j q ! mmGvf ; =Q\$%B. fw+5kNt | =O  
( ABCO; G; | =z{ " 50%(K 50%)f O; G; | =z{ c m " 12  
- (K 12 -)
- (9) G^B- >P=Qb7[ COT UM

- @ 5z { DEO>P=Q[ C

@ 5z { DEO>P=Qb7[ Cmf tGV BC[ E O >P=QO ^W\Exu qO  
ZD6Pu>i E(o) ~x6b7O6P \_M` )uCf [ >W b[ CM` f DJ KLMNM  
>P=Q [ CM` nf &T UB- >P=QBC y f FT X, M` nb7O  
5&/f O[ CM` @ 8f#>P=Q 8[ CM` nOV BCo" qoD( [ C  
3 G >P=Qr 8. O 5z { M

{ STb | 5>Wqr O>P=Q| sg [ Cz { b | 5>Woqr O>P=Qf | sg [ Cz  
{ } ~r &r G \_AB | O>P=QCOas

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(D) def \* gh2f \* i \* . -

10 < 9 . -

10.3 > P = Q [ C -

- f g h e > P = Q [ C

f g h e > P = Q b 7 [ C m f t D J G ^ / O S N O ( A B C G N w z O D M ` @ h D  
J K L M N f h O D M ` b = Q ; 9 • z { S 8 { > e ^ > W Y K ( A B C e  
D J M N O [ C M ` n O 5 W M

r [ C M ` n f L n & T U B - > P = Q B C y f F T X , M ` n b 7 O  
5 & / f O [ C M ` @ 8 f f g h e k N t I = O [ C M ` 8 b G ^ / O S N f f  
g h e % @ t O [ C M ` 8 D J K L M N M

-

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(D) def \*gh2f \*i \* . -

10<9 . -

10.5 >P\$%OarY eDE -

10.5.1 .

S GH +O>P\$%` ab) j m>P\$L(1) >P\$%O6OfO Gb FL, 8  
1 (2); m ; ; sgSaPYOf >Pt COO+DaFF&T UB- {STFL  
\_" L \ 9b COsgPY (3): ; U7t f#G{ qFb&wvLt OU7t Y:  
; ?@ XOaOU7t Y, r. i a\$&ABFG(ABCopfVDEOkNt I =WX  
Y ) [ kNt 4yOU7t gM

OGH +O>P\$%fr; mf@ qb@( ABCDEFGHI DJKLMNO>P  
\$%L(1) qf@ - Z[ >F; >P\$%ODE" oa~ O /\• M`r e  
DE o+ O (2){ STABPY I = [ O\ 9] ^ \_-f >P\$%-rO>P  
\$%CO >P=Qe>P\$%CO@(ABCb" sgPYY B ` /aPY1zA (3) O  
O} KbJU7t OcOt M

@( ABCDEFGHI DJKLMNO>P\$% \_(ABCsgn DEf( ABCHI wz O\  
• M` @\, >>P\$% /O\$\e\]j hDJKLMNM

10.5.2

, r. i a\$&ABY(ABCopfVDEOkNt WX Y ) [ kNt 4yOU7  
>P\$%f Oz{sgn DEM ?@ XOa\$%gOG^>P\$% \_^W\EMf 5z  
{sgn DEf / ^Q7O\• M` DJKLMNM

10.5.3

?@ XOaG X 1e%k1 qfK%@1o(g%@mfX 1 O q(g%@ A I  
OOaMo: ; qb@( ABCDEFGHI DJKLMNO>P\$%O?@ XOaf@( AB  
C[ 39: O) j \* \_sg; fr; n O d#QD \* 13P— & 5 qO  
>We; >W O d#QD \* 14P—SJ O qO D ^WnO5W aO  
) \* Asgn DEM

10.6 >P\$%O /

>P\$%Oum @MD Da - + Of / >P\$% G+DaM{ ST(%@1), %k  
1 J , - f@ ] >P\$% 9. ?u\_>P\$%f F] >P\$%, u\_>P\$%OOa W  
^; XoaOf / u\_>P\$%f am ] >P\$%M

>P\$%MD Da / Of t / DaOV BC, j [ ObB{ } ~ hO! u>=Q  
O] >P\$%) OzWf DJKLMNM

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. /, O

---

(D) def \* gh2f \* i \* - -

10

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

(D) def \* gh2f \* i \* - -

11<

11.1 | 5>Wqr | 5D( V 3ORSW5L

5>Wqr O<=>U >W2	{ STtRSVWO ?rT? b  5>Wqr ORS VW {STt X >m; gO ?rG^RSW b   5>Wqr OG^RSWM
5>Wqr   5D( V 3 OD( M	{ STb  5>Wqr ORSW5  sg[ Cz{ f  z { 6b7[ CO>P=Qf} ~r &rG _AB   O> P=QCOasg[ Cz{ M  5z{ [ CM` ORS W5fo}} ~r &rG _AB   ORSW5COas g[ Cz{ M

11.2 \_ \_AB | COD( V 3ORSW5L

5>Woqr F6  5D( V 3@\>Wqr #  5z{ 6b 7[ CORSW5	V@Rb _AB   t DaRSW5` abwAV@ Cf U@ , O, a rGOY &rG _AB   ORSW5V@CO^WM` Eb" f4Oum q { , 6V@CD( V 3O* +fU Dy{ , 6V@CR SW5RD(O V 3M
----------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------

COaf \_V@aBMD( V 3OL

V@	RSVWD( * +(% )	G^RSWD( * +(% )
1, @, (K 1, )	-	-
1-2, (K 2, )	20%	20%
2-3, (K 3, )	50%	50%
3, @X	100%	100%

11.3 | 5>Woqr #| D( V 3ORSW5L

5D( V 3OYF	_r b7[ COT >UM
V 3OD( M	&T UB- Gb7 [ CO [ CM` fDJ KLM NM

12<

12.1 \_<Oar

{ STO\_<O } ~ CDYr Q' YQz' M\_< z{ sg; DEf\_<z{} } ~ 1z{ Y  
] tz{ eG^B\_<3- 6 ~e E~b7Oj hM

12.2 bh\_<ODB M

\_<bhmf \_] k' M qbh\_<O^Wz{ M

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(D) def \*gh2f \* i \* . -

12< . -

12.3 \_<f HumCO q>U

=Q\$%B. f\_< Oz { , f HumCFODEMK Gf HumCO; z { mf ( 9\_<vB 3M  
f HumCG r. . l af\_<O DeB[] ) E tm Dt b7Oz { Y DO^e\*\_@  
\ / \*nO>WMr q\_<Of HumCmf@9•O G Ub" fam/Oc&\_<O6  
O@\ =Q\$%B. n 5O M

\_< | \_<56Oz { \*; Gf HumCOz W( 9\_<vB 3M

D(\_<vB 3nf @ [ \_<BCO - `f \_<Of HumC\*; GV  
BCOf r D(O\_<vB 3>W, @ 8f 8O>WDJ KLMNM

12.4 \_<OH\_vO

\_<H\_vObI H\_vM

12.5 OCj J' e} K?O ^ M

} K?eOCj J' \_+ ^Msg ^fr L\_m+ mDJ KLMNM

13< " #

K{ STO +CzDa ! i l =Q(o} ~| } ~• =Q)amS GH mf { STt G  
bc&deL CzDa ! i l =QMYr GK EG: Uhe r CzDa ! i l =QON  
W fe he -Ohi CzDa ! i l =QRh5- , 4o J of P^O  
o, - 5 otr+, , zMb; c&deO! i l =Qf { STosgkNM yfoD(  
x sg ^f OV BC, (ABC[]) hi \*\_nOmWFODEM

14< r. OC"

14.1 JatvYq O<=2

tvG l = &b{l = Ok f , {l = O /. l : ~&fH8Af F&p  
\_b{l = Ok G8A>WMJatvG O / qb 578~J&Otvf F 7  
8O /. l MY- a~tvkO , + adn2p5 Mqr G b{l = O?@e-  
Z & , 5 Ok f# op tv A, G^ +cJatv. OvqMr qp&b  
{l =|} ^Qtv Q]qr mf /Ol = eG^ c&O{l =|} KLf ?() % Y  
KLfNg \$k >RrB5k M

14.2; l =z { O q

b; a+tvGOd#O 9•Oj L\$kl =frO . O{O ~&AkNr tv O  
?@ABaOV BCO%WRbj L\$kl =O; l =z { Mj L\$kl =; l =z { , j [ O  
u>Y oO! u>=Q@\ ~ %@V BC OzWf = { ( . = { ( . o [ Of  
\_SNM@bgkNm RbO bBOfrO . O{O ~&AkNr tv O  
?@ABaOV BCO%WRbj L\$kl =O; l =z { f Obg\$%O Cl WRb\$ { f  
j L\$kl =; l =z { , ~bg\$% Cl W OzWf = { ( . = { ( . o [ Of  
\_SNM

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. / , O

{ ~~RTS~~ }

(D) def \* gh2f \* i \* - -

14< r . OC" - -

14.2; l = z { O q -

b; ! a + tvGOd#O 9 • Oj L\$kl = fr 12. OO z { Rbj L\$kl = O; l  
= z { M )j a 9 • { 12 O\$kf wz ! a + tvGOd#O Of Ra % G & :  
; + ' ; ) j sghYL : ; + ' ; ) j Of t 65 ) j Rb + 59 • tvkO ) j sgOD  
hYMo : ; + ' ; ) j Of O c & { 12 O\$kl = V BC ] X ] @ l = z { efR  
b z { M yOj L\$kl = O; l = z { M c & O\$ k \_ kNM yOf / G ^ / OS  
N osgQDhYM

O 12 bd#O b7O DYM @Y >a \* \_ @ \ G ^ / PY \* \_ f ; b  
7mDJ KLMNM

d#O wzOj L\$kl = gG ^ 99 • Oj L\$kl = f z { sg ; DEMb ; S ] l  
= p b { l = | } ^ Qqr ^ QJatv#oTztvOfj L\$kl = z { b O d#Q  
D \* 22P : > Pt eDE qO c & \$kl = O ( ABC ] X ] @ l = z { eM

14.3n DE \ MN M

14.3.1 z { M yOj L\$kl =

( ) ? @ AB \_ z { M yb ; ( ) Oj L\$kl = M ; ( ) G { STp bG ^ QtvO { l =  
O M

\_ z { M yOj L\$kl = 1 1 j 4 { DEMS ] S 9 l = 2 j l = 5 6 9 1 8 2 . 96  
l = SN O ~ & { l = | }

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(D) def \*gh2f \*i \* . -

14< r . OC" - -

14.3.2 kNM yOj L\$kl = -

r Ra { | = | } b7Om! Mmf @j L\$kl =OV BCeG^^; XTzb{ | = | }  
ml =Oj LkN[ EUb' M gf { STb{ | = | } \$& WgM` O @f ZD  
O @ ZD\$f DJKLI =M` M{ | = | } @nL ^um\8Of{ ST r SNa ~W  
VW6 O! Ma Wnfy SNa ~WM

14.4j L\$kl =hi

hi j L\$kl =mf GV BC, ^W9• BWOz Wf DJ KLMNM

15< C" #

I =mnoQG bX9Y> = { @Cf ZA[ &: c&OnoQM} ~ hYO oB\_kes  
\?M

I =mnoQ z{ sg; DEM, I =mnoQ&/On j hf , =Q&/O- \NC  
f pi JFGz{ pfVoDEf DJI =mnoQz{ MG^ n j hfr b7mDJ KLMNM  
{ ST \_z{ ] 9bl =mnoQsgn DEf O, n^s\? oB\_k+ O sg  
x ^M

I =mnoQheY oYA\_ ` MOhi SJ GV BCe / \*nOzWDJ KLMNM

16< " #

16.1

pq=QG b7Q&' Y(g) @YhY - ZPY: c&Of B\_ab" + QD, OO&w=  
QMp q=Q: r, G&/O- \NCf pi J{ STfFGz{ p fVoDEm2 @ Mp  
q=Q z{ /OZD\$i \*\_ O sg; DEM

, pq=Q&/On j hf , pq=Q&/O- \NCf pi JFGz{ pfVoDEf  
DJpq=Qz{ f / { . ?DaOV BCM @gOG^ n j hfr b7mDJ KL  
MNM

16.2x M

pq=Q 3- Zqf B\_ EO - cf \_ , ' ' Mr B\_ab, D(x M6r pq=QOx  
MYB\_abYZDmcCe, x E GL

r %	x M	x , ' (, )	cCE(%)	, x E(%)
n^\s\?	, ' ' M	12 - 45	3 - 10	2.00 - 8.08
Sdd3	, ' ' M	8 - 27	3 - 10	3.33 - 12.13
d3	, ' ' M	4 - 13	3 - 10	6.92 - 10.78
e(\G^d3	, ' ' M	5 - 10	3 - 10	9.00 - 19.40

ZDmcCG qpq=QZDB\_ab S h; B\_ab mOZL Ef{ ST6 5  
=Qhi a • O ZDhi \*\_nO>WM

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. / , O

---

(D) def \*gh2f \*i \* - -

16< " # - -

16.3G^f -

Kpq=Qh; hi E ZL B\_ hi opQ7- \Nmf / pq=QMpq=Q  
heY oYA\_ `MOhi SJ GV BCe / \*nOzWDJ KLMNM

{STE>; , O bpq=QOB\_abYZDmcCex Msg f b7gH RbQ  
D DH hYM

17<

rstuz{ ^Wz{ qh} ~rsL b7O65tuj hYtu3- ZqfB\_ E O={  
O#W\*\_@\G^ /\*\_>MrstuoD(x Mrstur3- ZqfB\_ En4 bp  
q=QM

18<

f 39: ; O={ O=QO1s A7QO#W\*\_fr=Qj h - b7Y#W\*\_ -  
b7YbB=Q3- ZqfB\_ f^e E~M O1s 7Q.l - mf ={ Ts  
A7QO O={ O=Q3- ZqfB\_ E Af^e Emfi /={ MG5#W\*\_  
rb7KL b\*\_M

1l #WKL^Wb7O\] \*\_f[ ) x6l \_O#W=>\_Jj g9•O\] SJ sg mml  
=9•Ol =SNnO>W @={ + #W U D=Qj h" 1l #WDaO=Qj h] k  
' : k@~l \_+ #WO={ Ef q={ >WM={ E U+ #WO] k' \EDy  
qM

19< " #

19.1vw=Q

vw=Q} ~ oB\_kY kY&2kYy kYm >M

vw=Q z{sg; DEMB\_

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. / , O

---

(D) def \*gh2f \* i \* . -

19< " # - -

19.2, Dop bj h

opqr Oj hf ; b7mDJ KLMNM

bqr Oj hamS GH Of bvw=QfopS G O bqr Oj hDJ KL  
MNL

(1) z vw=Q@BGp B\_ her X &fgm

(2) & z vw=Q B\_ heOde

(3) vw=QQ7- \NO 9f} ~p 6 opq7 Tj 10.56 /F1+6 10.56 Tj 10.56 QOf 4

Dse hcsD T&/ E vw=Q@BGp B\_ her X &fgm 56BI f 1 OdzO. 5

(3.04-19;;Tf 10.56 TD-(M) -0624 6-(d) 0.5-5-4 10.56 Tj 10.56

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. / , O

---

(D) def \*gh2f \*i \* - -

22<

22.1" L' ( OQDhY M

{ STr &t bG(g @OQDL f t ^Wb7O" L' ( b\$%f DJ KLMN / =  
Qz { M{ STb7O&t D\ \* fr ^Wb7m U^Wb7WDJ KLMN / = Qz { M&t  
D\ \* b! < 3mD\ Of O( ABCDEM

{ STb&t { O| } XB\*Yt ~XB\*Y7•XB\* > QXB\*e! n(. >f@\{ ST  
q( 9OtQ- \*e&t" • - \*fr&t b{ ST(g @O!

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(D) def \*gh2f \*i \* . -

24< . -

24.2(g)@SJ

r(g)@SJO>Wp fVpDf /O- \NCfpiJd#f)j O tuOp fVo  
qf)ja b7etp7Oz{p fVoDEmf (g)@SJO^uM{ST; =Q\$%  
B. O t+g)g

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(D) def \* gh2f \* i \* . -

25 < g -

25.1, =Q /O . W/<=>U\QDhY M

{ STO . W/O } ~S-O . /WOWz O| } SNf F; \_; 1i es, pq=Qf >  
. W/b, =Q /O . W/M

, =Q /O . W/f b| } SNf r /=QOB\_ab, ' a7DJ KLMNM

25.2, SN /O . W/<=>U\QDhY M

{ STO . W/O } ~S-O . /C1" >f F; ! \_; 1i es, pq=Qf > . C1  
" >b, SN /O . W/M

, SN /O . W/f \_; W=@nL O /\*\_eM` Of b| } SNf r /\*\_  
OL DJ KLMN \_; W= -b7O /\*\_eM` Of 3DJ KLMNM

26 < " #/ \$%

~• \*\_} ~KL~• e| } ~• M

26.1 KL ~•

=Q\$%B. f b; KLe@ L wz OKL ~• \$%( =Q)f @ O M qDyOZLR)  
( \* +)O~• >WDEM

26.2 | } ~• =Q\ | } ~• \$%

b; =QY\$%56OV BC, GD " Oz Wf @\ 6Rb=Qe\$% # O M  
qf@ qGD " O56OV BC, D " Oz WQ7O mmz 2f \_=Q\$%B  
%@M | } ~• =Q\ | } ~• \$%M

+ G~& mmz 2 /O| } ~• M#b; f mmz 2f { ST@Cf p9•  
\_P f mmz 2OR ~• Wb' f /O| } ~• =QM gf, & O;  
/Of @\, " oGd#O Yb7m#o QD\8eR ~• W( f ! M)O) j a  
Q7O=Q \$%O; &/O mmz 2f o &/O| } ~• =Q \$%M

b; p 4 @n, OOf ! M\ W [ f@Cf p •\_P f ! Me W [ O6P  
R ~• Wb' f RO| } ~• =QM

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. / , O

---

(D) def \*gh2f \*i \* - -

26< " #/ \$% -

26.2 | } ~ • = Q \ | } ~ • \$% -

{ST , ; ( ) YcZd# \ OZd#l = /OR m r z 2 270 | } ~ \$%f !  
{STp tv mmz 2 8Om f: F mmz 2 1 Z 06PCf pp Q = 2/4q , ;  
( ) , / 0Rz 5 5 mmz 5 = Q = 06PCf p 3 1 0zr ( ) Tj 56 Tf 10. T

PC 5

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(D) **def \*gh2f \*i \* - -**

**27<**

^; X , =Q~&k &/ OMDABeA( OY4bP=Y4MP=Y4@gOG^Y4b-Z  
Y4M

27.1 - ZY4OQDhY M

27.1.1{ STRb Y1 5- ZY4#@

- ZY4OY>j hrY4L, O6 L nMDJ /=Qz{ KLMNM; 3\*\_DJ  
KLMNM &Y>; ^Wb7mDJ KLMNM

27.1.2{ STRbhY1 5- ZY4#@

- ZY4OY>SJrY4L, O6 L nM bKLMNMB>W) rO; 3\*\_  
7m @={ fr Y4L, O, Y>SJ aO" aLDJ KLMN G^>W) O  
O; 3\*\_  
b7mDJ KLMNM &Y>; ^Wb7mDJ KLMNM

**28< deAf \*gh2f \*i \***

28.1vLQD

b J ABf{ST6 >Pt RbvLt sgvLMS q OvLf{ST \_v  
LQD MshghYM{STOvL} ~(ABCvLeu>i EvLM

{STrvL mf 5vLt, {vL56 O/uf@\ABPY62esgoavL)j  
O [M gfrvL \ nf{STQc obvL&wmsg Bf@hi &/vLrvL/  
u{ qOQDL, G&\*O&wM

28.1.1(ABCvL

{ qb(ABCvLF O OU7t fG(ABCHI wzO\• M` DJ KLMNM{ v  
L56 {vLABwzO\• M` #DJ KLMNfam {vL56OV BCM

K{STP^bvL/uO qYvLt -L {heYOa / gBY o} O \_vL  
QDO mf / \_vLQDM

28.1.2u>i EvL

{ qbu>i EvLF O OU7t fG(ABCOHI : ; &wvLODaDJ G^/OS  
Nf vvwLDaDJ KLMNM

bZL)j OvLB{ST=n +5>P=Q >P\$%Of DJ={ (. O>Wtr 5  
=Q %@ d#MNO aL hfDJ KLMN {STZL DJ G^/OSNa  
OmM` MD Dar6PQDL opVWf topVWODa hfDJ KLMNM

bZL)j OvLB{ST=n +5! >P=Q !>P\$%f t DJ G^/OSNO>  
Wr 5! >P=Q !>P%@ MNO aL hfDJ KLMNM ZL 3r G^/  
OSNa OmM` MD Dar6PQDL opVWof topVWODa hfDJ KLM  
NM

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(D) def \* gh2f \* i \* . -

28.1vLQD -

28.1.2u>i EvL -

X gf DJG^/OSNO>Wr{vLZL)j MNO aL hfDJKLMNM  
K{STP^ bvL/uO qYvLt -L {heYOa /Y gB o} OvLQD  
mf / \_vLQDMvLQD /mf DJG^/OSNO D\• M`ftrZL)j  
b7 DJMNmf G^/OSN hDJMNM ZL)j oQb7f tDJG^/OSNO  
D\• M`e hfDJKLMNM

28.2 7M7Q\* \_

U? DY7M7QwPI 7?d(2012)16P^ d#7M7Q\*\_ (9eB\_PYeM O q(  
97M\*\_f7M\*\_1I\_ ; 8egsd#7M7Q M(907M\*\_DJ /Q' Oz {  
KLMNFamr \$=kNaO"1523,,5G| MB\_(907M7Q\*\_mf: ; \*\_mj  
hOf 3 [ 1523MB\_(907M7Q\* wzpq=QOf rstu969S~b7O\* ~~8~~ ~~9~~ ~~urs~~

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. / , O

---

(D) def \*gh2f \*i \* - -

29< f \* gh Ade 2f \* i \* A 2 - -

QD D~ \_O/a deo q \_ -

29.1 >P=Q gOj L=Q[ C -

F; F, PKWr E&' B c OFf { ST! , b > k=Qsg[ Cz{ @ q /=Q  
6POf S8>WG&\*; =QOV BCMb > k=Q6Pf S8>WO DCr uOX9  
5; b6PKW" BOZz@\{ STb >I =56~ \_xuEM

b; 6PKW" BOZzf{ ST /KWkBST~5hOKW" BO4LZz: UM# >Zz:  
U: b1#STb; /&' 6PB OZzf oNB6P^WOB M /=Q6PO^Wf S8  
>Wt Cr uOX4- 6P^W~~W~~6

b;6 t \_ Eθ{ST hO tOxu E ☒/

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. / , O

---

(D) def \*gh2f \*i \* - -

29< f \* gh Ade 2f \* i \* A 2 - -

QD D~ \_O/a deo q -

29.6 | } ~ • = Q

| } ~ • = QO^

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. / , O

(F)

1 < e K H

	D > U	E
@C	Q' Y @Yvw=Qeol QOR ^eS J	3% Y5% Y6% Y11% Y13% 17% (8 1Y8 4) (K > Q' K > Da S   )
Ti UVsd	^W{ O@C YZ# \ *	1% Y5% e 7%
" . * 7 ]	^W{ O@C YZ# \ *	3%
d# ~ .	R ~ . W	15% ~ 25% (7 8 (V) 2)
=s	_O" YWX YZ: " @ Y WX @ O^eW	5-20 4/Z ^eWO 2%-8% (8 2)
Q=sW=*	Q' ^eSJ xW=* * Ex 8 Eu:	KH q* + (8 3)
Z#	R SJ	3% 5% (8 4)
N N{ 1 ~ .	R ~ . W	KH q* +

8 1 L U a l 1 2 J e K @ C g + f { S T O Q ' ^ e # @ % \_ @ C f G a , ^ Q ' a  
K > e & \* S J g O Q ' ^ 5 E b 1 7 % M K > Q ' ( ) ~ " @ K > e [ " K > D a ) S |  
@ C f & \* S J O ^ 5 E b 1 3 % M 1 2 C D Y \ z ' Y ] \ I > m ~ { [ O s 5 @ C  
f \_ ; ^ e < ? O ^ 5 @ C M @ C R W b K L ^ 5 W [ K L f @ O s 5  
W n O 5 W M

8 2 L 2016, 7- f" YWX YO=s \_ \ ^eOR YZ: M U? DYK  
H @ l 7 c O b O ? (2007) 100 P / ; W X Y > 6 = s % \_ W 2 O @ f  
2007, 8- 1. c f" Y D { 2 b 5 4 ~ 7 4 / Z f W X Y D { 2 b 10 4 ~ 20 4 / Z M  
U ? D Y K H @ l 7 c O b O ? [2016] 53 P / ; M ^ s = s g H O @ f 2016  
, 7- 1. c f = s ^ g B D | f D > U F ^ e E b Y @ ( ] t ' ) Y  
\_ ` ; a Q ' > b O ^ e W M " @ O E c O b 2 % - 8 % f W X @ O E c O b  
2 % - 6 % M

8 3 L U K @ d e 150 P ^ Q = s W = \* | S P Y q \ ! n 1 2 . e \* 35 P ^ ! n  
Q = s W = \* | S P Y ^ Q e M f d # @ G M D y { Q = s W = \* L  
Q = s W = \* f Q ' ^ e S J g W = \* \* E g 8 E u :  
8 E u : f q 8 E / ^ W 8 E  
X q Q = s W = \* \* E B q f h d # Q = s W = \* \* E b 2 % 4 %  
U ? D Y K H @ l 7 c O b O ? [2016] 53 P / ; M ^ s = s g H O @ f =  
s B D | g H 2016, 7- 1. c ^ Q f r ^ Q = s B D | g H O a m f t M D = s '  
6 Q = s W = \* \* E N b U M

8 4 L U / ; M ^ Z # g | @ C { O @ ( ? [2016] 36 P ) q f { S T , { Z #  
O @ Y v w = Q A o l Q O ^ e S J 2016, 5- 1. c { @ C f o } { Z # M

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. / , O

---

(F) -

2<

{ ( ) \ a K h , G : ; ( ) % \_ O d # ~ • E b 25 % M

U ! n \* ] d # q P Y t R L O C ; 2011 , 9 - 8 . i b O Q \* d e [2011] 16 P ^ f  
! j k l m m ; \$ % & ' ( ) ( ! l m ) { q b \* ] d # f ; 2014 , 8 - 29 .

q ] 9 \* ] d # ] f = & w L b 3 , ( 2014 , 8 - 29 . E 2017 , 8 - 28 . ) f  
{ , ~ • E b 15 % M

U ! n \* ] d # q P Y t R L O C ; 2017 , 2 - 24 . i b O Q \* d b [2017] 2 P ^ f  
! " # " C & ' ( ) ( " # ( ) ) Y ! " # S T " C & ' ( ) ( S T " C ) \ ! n " - n d  
, m t C D & ' ( ) ( n d m t ) { q b \* ] d # f ; 2016 , 11 - • F ! n 9 o

! " # \$ % & ' ( )

?@AB78

2016, 12

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(Q) ! ^ \_ ` & - -

1 < x " 9 - -

; 2016, 12 - 31. f{ ST ~ &k 4 - ' v O < 3 = > b 1 2 3 4,818,392,984 4(2015, 12 - 31. L 1 2 3 3,975,457,310 4)M

GaL

- ; 2016, 12 - 31. f{ ST@BC1 2 3 28,430,550 4(2015, 12 - 31. L1 2 3 850,244,015 4)Oj gqL\_Wb; K? 9 • j g" L#Wf 78(?)19 ; 2016, 12 - 31. f { S Tv@j gqL\_Wb; K? 9 • Oj L#W(2015, 12 - 31. L 1 2 3 105,600,000 4)f 78(?)29

- ; 2016, 12 - 31. f { ST@BC1 2 3 1,650,361,655 4(2015, 12 - 31. L 1 2 3 353,086,875 4)Oj gqL\_W; K@ \_

- ; 2016, 12 - 31. f{ ST@BC1 2 3 24,798,000 4(2015, 12 - 31. L1 2 3 44,395,000 4)Oj gqL\_W; K@ Xx

- ; 2016, 12 - 31. f { ST@BC1 2 3 2,492,735,103 4(2015, 12 - 31. L 1 2 3 1,752,813,794 4)Oj g\_WRb j g HDTOX >

- ; 2016, 12 - 31. f{ ST@BC1 2 3 27,247,764 4(2015, 12 - 31. L1 2 3 28,532,504 4)Oj g\_WRb hy X >

- ; 2016, 12 - 31. f { ST ; ( ) - ? @ ( ) \_ g ; ayj gOMq 3 > J D 1 2 3 594,819,912 4(2015, 12 - 31. L 1 2 3 840,785,122 4)M

; 2016, 12 - 31. f { ST\_g; hgO < 3 = > x O 1 2 3 3,134,872,570 4(2015, 12 - 31. L 1 2 3 1,313,224,969 4)M

j g. L\_W Oj g. L\_W , q\_W \ E 9 • \ ] S J M q L\_W O\_W L a b 7 E 1 , o > f > { ST Ou > : qf O ROj gqL\_W \ E 9 • \ ] S J M X qL\_Wr \_L , f = mj 9M

2 < 4 M \* : I ( \* r 1 A 9 " #

{ ST@( ABCDEFGHI DJ KLMNO > P = Q b) j m > P = QM

	1 2 3 4	
5 6	, 95W	, ; 5W
) j m > P = Q	485,725,863	771,946,511
GaLkNt l =	27,284,608	27,931,358
%@t l =	160,750,782	129,015,162
U7 > P = Q	297,690,473	614,999,991
OD	485,725,863	771,946,511

1 2 3 4

, 95W	, ; 5W
27,284,608	27,931,358
27,284,608	27,931,358
160,750,782	129,015,162
160,750,782	129,015,162
274,766,201	404,096,098
-	59,385,502
129,153,350	-

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(Q) ! ^ \_ ` & - -

2< 4 M \*: | (\* r 1A9 " # - -

8 1L vLXC-

u>i EvL -

• / = Q \$ % B. f - DJ G ^ / OS N Ou > i Ev L t ( ABCHI Q7O SNb  
1 2 3 1,839,212 4(2015, 12 - 31. L SN1 2 3 1,999,178 4)f Z L t r = Q \$ % B  
. n 3 - (Z L O 1 " & ' ^ e L ), s J \ 8 B M

2016, Of { ST G ^ / OS N hDJ MNO > Wb 1 2 3 10,210,572 4(2015, L 1 2 3  
295,437,757 4)f v L Ov w D a w z OM ` b 1 2 3 7,932,771 4(2015, L 1 2 3 3,405,902  
4)M

( ABCvL

{ STB\_01" & ' L < O e % m q B 7 8 b { STc & O \_ < s g v L \ B \_ 0 1 " &  
' L < O b x 6 O & / " n ^ e O q s g v L f @ P J { ST O = | O  
1 " i B O Q I f \_ < @ \ x 6 O q O ( ABCb 7 Q I O A B M { ST ; 2016  
, t 1 J O O 1 " & ' L < O e % m q B 7 8 q b v L t f > O , RO \_ < e q  
^ e O W b R f { ST \_ \* E a B M B v L & w m M G O v L 7 8 G L

{ vL56	vL t	vL 9
" n q ^ e	O1" & ' L < O	2J & ' L < O ~ q q ^ e O O 1 " O B Q I
_ < (K, 1)	O1" & ' L < O	Rh & ' L < O ~ q O 1 " _ < O B Q I
_ < (Kg 1)	% m q B 7 8	% m q B 7 8 ~ q O 1 " _ < O B Q I

r @ X v L / u m f { STb G s g \ 9 q f 3 / ; v L / u Y A B P Y 6 2 e  
v L [ > O \ 9 ] ^ M U { STb @ X u > i E v L e ( ABCvL & w m O 4  
f / O 1 " & ' L < O e % m q B 7 8 { b \* O & w v L t f & w O v L 4  
7 8 ( ? ) 3 5 Y 4 5 \ 4 6 M

8 2L ! & w v L \ 6 { q b v L O U 7 t

{ STB\_01" & ' L < O \ & ' L k O b " @ e O 1 " O 1 Y @ \ 6 P " Y " n  
O ^ e > s g A B P Y f @ P J { ST O = | O 1 " i B O Q I f " @ Y O 1 " Y  
" \ " n > / Q ' O B b 7 q r Q I O A B M

g f { STB\_4 L g D O \ \ E ? O s g A B P Y f @ P J { ST O D E A  
B \ \ E A B M

@ X & ' L < O Y & ' L k O Y 4 L g D O \ \ E ? O 6 { q b v L t o O  
v L Q D O f G ( ABCHI : Q 7 O S N M ` f 3 D J K L M N f 7 8 ( ? ) 4 5  
\ 4 6 M

! " #

? @ A E  
2016,

(Q)

! " # \$ % & ' ( )  
)

! " # \$

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(Q) ! ^ \_ ` & - -

7< - -

(1)G^RSWar L-

COaf V@aBMD( V 3OG^RSWL

1 2 3 4

V@	, 9:		
	G^RSW	V 3	D( * + (%)
1, @,	1,724,687,126	-	-
1 E 2,	71,964,404	17,583,897	24.43
2 E 3,	36,782,441		

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

(Q) ! ^ \_ ` & - -

8< - -

(1)\_<ar -

; 2016, 12 - 31. f { ST@V Bcb1 23 65,335,316 4O\_<Rb K? j g HDT  
(2015, 12 - 31. Lv)M

; 2016, 12 - 31. f { ST@V Bcb1 23 238,848,395 4O\_<RbL<X >(2015, 12 -  
31. L 1 23L 72,196,000 4)M

; 2016, 12 - 31. f { STO\_<5Wa } K@&' L<O e%mqB78RbvLt O{ vL  
56M { vL56O( ABC Ps; . i aOABf ~: O( ABC ab\* +aM; 2016  
, 12 - 31. f G@( ABCDE O>Wb 1 23 4 2,693,886,370 (2015, 12 - 31. L 1 23  
2,298,168,028 4)M

(2)\_<vB 3

1 2 3 4

_<, r	, ; V 5W	{, D(	{, [ >		, 9V 5W
			{, 8	{, ^	
CD	87,735,989	138,822,399	40,579,034	-	185,979,354
r Q'	78,634,392	15,000,000	92,370,299	264,093	1,000,000
Qz '	221,985,245	46,331,904	183,513,179	13,645,041	71,158,929
OD	388,355,626	200,154,303	316,462,512	13,909,134	258,138,283

{, { ST i B 8 : 8O\_<vB 3b1 23 316,462,512 4(2015, L1 23 385,133,911  
4)f {, 85Wl \_<, 95WO\* +b 2.05%M

{, \_<7QB\_ ^e: ^O\_<vB 3b1 23 13,909,134 4(2015, L 1 23 68,085,665  
4)M

9< 9 " #

(1) fghe >P=Q

1 2 3 4

56	, 95W			, ; 5W		
	V 5W	[ C 3	V BC	V 5W	[ C 3	V BC
fghekNt	1,361,230,324	20,666,216	1,340,564,108	1,817,190,930	20,666,216	1,796,524,714

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(Q) ! ^ \_ ` & - -

9 < 9 " # - -

(1) fghe > P = Q -

8 1 Lu { STI = O = PD ` @ \ R b & ' O 1 s g O k N I = M ; 2016 , 12 - 31 . f > I =  
( ABCDEM

8 2 Lu { STbraKdeO! Xi ( ) ! j g Y h # Y 9 m YA " Y j " \  
q l = Ya 2 l Y [ X B O l = f l = \* + a % b 2.99 % Y 6.67 % Y 0.40 % Y 11.13 % Y 15.00 % Y  
3.50 % Y 0.53 % e 4.75 % M b ; X f g h e k N t f G r . i a \$ & A B F G ( A B C  
o p f V D E F 6 b { l = ( ) Q 7 q r f { S T b G z { D E M

8 3 Lu { ST 1 2 0 % k r l = Q ' f > Q ' ( A B C D E M G a f ; 2016 , 12 - 31 . f  
\ ( ) O D 1 2 e = P D ` 1 2 3 970,000,000 4 ( 2015 , 12 - 31 . : 1 2 3  
870,000,000 4 ) \_ ; q ` y Q W M

fghe > P = Q O f - L

(2), 9 ( ABCDE O f g h e > P = Q

1 2 3 4

fghe > P = Q ar	fghekN t	fghe% t	OD
kNt Oz { /%@t O, 9 5z {	430,000,000	3,481,749,017	3,911,749,017
( ABC	430,000,000	3,481,749,017	3,911,749,017

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(Q) ! ^ \_ ` & - -

9 < 9 " # - -

(4)A L, fghe > P = Q [ COHI

			1 2 3 4
fghe > P = Qar	fghekNt	fghe%@t	OD
, ; D( [ C > W	20,666,216	-	20,666,216
{ , D(	-	-	-
GaL G^ / OSN J	-	-	-
{ , [ >	-	-	-
GaLLn( ABC8 8	-	-	-
, 9 D( [ C > W	20,666,216	-	20,666,216

10 < ' ( " #

		1 2 3 4
56	, 95W	, ; 5W
/c QW(8 1)	1,082,560,000	945,208,864

! " # \$ % & ' ( )

? @ A B 7 8

2016 , 12 - 31 . / , 0

(Q) ! ^ \_ ` & - -

11 < r . OC "

1 2 3 4

{   =   }	3 8	: 5W	{ , @[ HI						, 95W
			S]   =	k NMG O I = SN	G ^ / O SN	f b g u > \$ \ \ 8	D ( [ C 3	G ^	
+YOZd#									
! n " + X 9 & ' ( )		19,980,236	-	2,756,427	-	(2,000,000)	-	-	20,736,663
NeskoMetalSanayiveTicaretAnonimŞirketi("Nesko")		318,046,509	20,058,000	(45,015,608)	3,498,638	-	(34,917,482)	-	261,670,057
Y O 1 & ' ( ) (Valuestone GP LTD., Valuestone GP.,)		-	1,061,361	-	-	-	-	-	1,061,361
OD		338,026,745	21,119,361	(42,259,181)	3,498,638	(2,000,000)	(34,917,482)	-	283,468,081
f Y c Z d #									

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. / , O

---

(Q) ! ^ \_ ` & - -

13< " #

(1)

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. / , O

(Q) ! ^ \_ ` & --

14<

(1) r s t u

56	L 95W		L ; 5W		
	V 5W	[ C	V BC	5W	[ C 3
r s t u	2,961,956,154	-	2,961,956,	631,850,762	-

1 2 3 4

(2)q r s t u 56 { L H I

56 F	
------	--

1 2 3 4

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. /, O

(Q) ! ^ \_ ` & - -

14< - -

(2) q r s t u 5 6 { L H I -

56 F	Zy:	, ; 5W	{ , @]	{ , Jpq =Q	JG^ ! i l =Q	t u l J l Zy*+(%)	t u l J =>Ps	, 95W
KW (l D+P )	266,000,000	22,995,924	8,466,089	31,462,013	-	88%	&=>	-
KW (l DfYkP )	357,000,000	23,877,189	37,410,107	-	-	17%	&=>	61,287,296
D tu	23,860,000	19,760,301	403,879	19,760,301	-	85%	&=>	403,879
XDwR Q g,	1,487,000,000	28,415,096	87,402,513	6,278,308	-	8%	&=>	109,539,301
cO8&u +Ltu	15,000,000	11,356,242	718,081	-	-	80%	&=>	12,074,323
cO8&u fLtu	43,220,000	-	4,161,235	-	-	10%	&=>	4,161,235
j h #_&/O) Ytu	119,680,000	32,078,678	7,972,347	188,462	-	39%	&=>	39,862,563
" &•>: a " o] s56C	205,000,000	40,056,925	96,988,100	-	-	95%	&=>	137,045,025
e O n\, Dd3_s\	130,000,000	97,412,390	7,802,619	105,215,009	-	81%	&=>	-
e m+ ntu	145,000,000	41,816,795	-	41,816,795	-	29%	&=>	-
e d3 ]\W	30,000,000	24,964,737	2,159,832	27,124,569	-	90%	&=>	-
e us \   >dQ	44,590,700	27,340,700	7,292,908	34,633,608	-	78%	&=>	-
e /O @dQ	32,775,100	31,395,100	867,842	32,262,942	-	98%	&=>	-
e u\	16,920,000	16,500,000	230,347	16,730,347	-	99%	&=>	-
e /tu	32,600,000	24,060,043	23,125	24,083,168	-	74%	&=>	-
e @ <	43,142,700	15,782,700	409,171	16,191,871	-	99%	&=>	-
e n\ /tu	22,551,400	17,551,436	371,585	17,923,021	-	99%	&=>	-
20MWp bmtu	160,940,000	-	114,330,489	114,330,489	-	71%	&=>	-
G^		377,090,166	638,017,044	498,629,697	82,150,000			434,327,513
OD		2,631,850,762	1,641,812,239	1,229,556,847	82,150,000			2,961,956,154

(3) ; 2016, 12 - 31. \ 2015, 12 - 31. f { S T r s t u 6 D ( [ C 3 M

! " # \$ % & ' ( )

?@AB78

2016, 12

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(Q) ! ^ \_ ` & - -

17< " # / \$ %

(1) 6- ^ O | } ~ • = Q

1 2 3 4

56

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. /, O

---

(Q) ! ^ \_ ` & - -

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. / , O

---

(Q) ! ^ \_ ` & - -

19< r

(1)" L#War L

1 2 3 4

56	, 95W	, ; 5W
_ # W	13,202,104,291	14,441,990,081
; K # W(8 1)	1,472,601,313	1,169,626,904
K # W(8 2)	193,434,184	200,000,000

-

, 95W	, ; 5W
70,554,393	-
10,414,104	-
10,414,104	-
60,140,289	-
60,140,289	-
60,140,289	-
3,229,152,199	1,969,533,221

{ STf@tYJOz > ^e5\* k fEY  
\* +z > O @ { b@ ( ABCDEO >

g > E > ; z > O @sgABPYf@ P  
j m > P \$ % O ( ABCb7QI OABM

1 2 3 4

, 9:	, ; :
5,656,814,269	4,288,351,629
5,656,814,269	4,288,351,629

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(Q) ! ^ \_ ` & - -

24<

(1) R[ &t' ( H

1234



! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. / , O

---

(Q) ! ^ \_ ` & - -  
Q

29< r

(1)j L#War

	56	, 9:	1 2 3 4 , ; :
_#W		12,250,000	681,668,509

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. /, O

---

(Q) ! ^ \_ ` & - -

31 < \* \$ %

1 2 3 4

56	, 9:	, ; :
Z D ( *	173,508,547	165,695,414
OD	173,508,547	165,695,414

Z D \$ % ( \ h ) Y \$ % f G { S T 6 P ; Y : Q 7 O ( \ h ) Y z { O u m @ f  
F @ O ( g C f p Q - \ N O i h M r j h > W p f V D E m f O ~ j h O \*  
D > W J V b \$ % M

32 < 1

1 2 3 4

56	, ; :	{ , @]	{ , [ >	, 9:	wz
. W /	683,146,492	9,596,203	52,664,472	640,078,223	. W /
[ L + , , - L O   } S N	48,987,997			47,854,855	. W /
OD	634,158,495			592,223,368	

\ . W

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. / , O

(Q) ! ^ \_ ` & - -

33 < . [

{ ( ) 8 L \ ^ S \$ { D 1 2 3 3,462,729,405 4 f ! \$ C 1 2 3 1 4 f \$ %, r \ G 4 T GL

1 2 3 4

	, ; 5W	{ , HI					, 95W
		bg] \$	\$	( . > \$	G ^	OD	
<b>2016 W )</b>							
+Yv' e \$%			-			-	
1.1 23 \$	2,075,247,405	-	-	-	-	-	2,075,247,405
2.hgXi g=\$	1,387,482,000	-	-	-	-	-	1,387,482,000
f Y \$ % l :	3,462,729,405	-	-	-	-	-	3,462,729,405
<b>2015 W )</b>							
+Yv' e \$%							
1.1 23 \$	2,075,247,405	-	-	-	-	-	2,075,247,405
2.hgXi g=\$	1,387,482,000	-	-	-	-	-	1,387,482,000
f Y \$ % l :	3,462,729,405	-					

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(Q) ! ^ \_ ` & - -

35< 1

				1 2 3 4
56	, ; 5W	{ , ~ • b 7W	{ , b 7W	, 95W

# \$%&' ( )

378

12 - 31 . / , 0

---

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(Q) ! ^ \_ ` & - -

39<>m <>m [

1 2 3 4

56	{ , b 7 W	X, b 7 W
OZ#@SJ-t#\G^! j SJ	58,939,303,460	57,927,745,122
OZ#@SJ- j SJ (8)	142,638,320,576	127,136,100,925
G^#@SJ	730,596,191	718,645,294
OD	202,308,220,227	185,782,491,341
OZ#@z{ -t#\G^! j z {	53,246,691,680	53,938,491,710
OZ#@z{ - j z { (8)	141,444,956,790	126,869,685,204
G^#@z {	618,616,544	670,078,403
OD	195,310,265,014	181,478,255,317

8L j SJ O1" Y" n\G^>: &' O j )j SJM j )j SJ o} ~{ STv,  
#@QhQ' O 3^eSJfG&' P ; gDgR&f ^e5gDT?M

40< 9K

1 2 3 4

56	{ , b 7 W	X, b 7 W
=s	336,844,031	337,085,461
Ts \ " • * 7]	107,479,595	160,071,212
Z#	17,106,954	56,389,317
G^	118,504,983	774,888
OD	579,935,563	554,320,878

8L >D{ 2 78(V)M

41<

1 2 3 4

56	{ , b 7 W	X, b 7 W
* \ 2*	378,642,955	336,041,381
L< *	40,146,477	43,436,863
NY*	39,785,474	33,092,419
t = \ D \ *	31,128,267	30,226,297
h Q' * _	28,983,164	26,033,910
# @*	8,525,489	7,785,457
} K *	16,419,654	17,061,934
G^	25,384,792	21,677,588
OD	569,016,272	515,355,849

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. /, O

---

(Q) ! ^ \_ ` & - -

42 < }

	56	{ , b 7W	X, b 7W
t = \ D \ *		551,333,434	691,503,213
Q = s W = *		66,561,818	146,395,340
Y *		375,350,966	385,671,330
>		41,276,950	129,325,967
X 8 M *		59,623,006	69,888,646
# @ d *		30,314,873	30,665,682
v w = Q ^		68,128,550	69,517,263
o B _ *		160,344,794	165,959,525
p q = Q x		54,658,366	62,745,819
D Y \ *		34,935,917	44,410,210
e ( *		45,315,186	47,206,401
? Q X B *		32,224,042	38,097,796
z *		22,418,294	21,877,891
Q @ *		11,071,062	10,469,962
o M ` W = *		17,926,073	18,728,597
G ^		92,504,404	93,981,552
O D		1,663,987,735	2,026,445,194

43 < ^ \_

	56	{ , b 7W	X, b 7W
# W \ z > Y 4 \ ] j h		321,640,925	406,603,239
f ? %			

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. /, O

(Q) ! ^ \_ ` & - -

45 < 4 M I ( 1

1 2 3 4

Q7( ABCHI MNOPs	{ , b 7W	X, b 7W
@( ABCDEFGHI DJ KLMNO>P=Q	(73,402,019)	178,033,139
GaLU7>Pt Q7O( ABCHI SN(M` )	(59,147,298)	176,350,877
@( ABCDEFGHI DJ KLMNO>P\$%	(509,185,097)	41,960,930
GaLU7>Pt Q7O( ABCHI SN(M` )	(509,185,097)	41,960,930
OD	(582,587,116)	219,994,069

{ ST( ABCHI MNO- GL

1 2 3 4

( ABCHI MNO-	{ , b 7W	X, b 7W
1.) j mk Nt I =	(1,100,318)	3,329,978
\$TI =-( ABCHI SN(M` )	(1,100,318)	3,329,978
2.) j m%@t I =	(13,154,403)	(1,647,716)
% I =-( ABCHI M`	(13,154,403)	(1,647,716)
3.6 qbvL/uOU7t	(362,029,028)	275,881,788
4LgDO ( ABCHI SN(M` )	(76,996,532)	120,666,610
\E ?O ( ABCHI SN(M` )	641,791	(261,354)
&' LkO ( ABCHI M`	(57,330,303)	(8,032,085)
&' L<\4LO ( ABCHI SN(M` )	(477,927,849)	138,010,283
DE ?O ( ABCHI SN	1,736,305	757,576
z >4LO ( ABCHI SN	247,847,560	24,740,758
4.( ABCDEOz >Y4( ABCHI M`	(205,931,573)	(46,030,027)
5.vL t	(371,794)	(11,539,954)
(1)! &wvLXCOU7t	(1,209,629)	(2,253,425)
&' L<O ( ABCHI SN	17,811,692	747,257
%mqB78( ABCHI M`	(19,021,321)	(3,000,682)
(2)&wvLXCOU7t	837,835	(9,286,529)
u >i EvL	2,277,800	(1,539,058)
ZL ^eO vwDa ( ABCHI SN(M` )	2,277,800	(1,539,058)
( ABCvL	(1,439,965)	(7,747,471)
%mqB78	(1,439,965)	(7,747,471)
{ vL56( ABCHI SN(M` )	257,393,479	(147,425,971)
vL t ( ABCHI SN(M` )	(258,833,444)	139,678,500
OD	(582,587,116)	219,994,069

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(Q) ! ^ \_ ` & - -

46 < C " 1

(1) l = S N a r

56	{ , b 7 W	X, b 7 W
@( ABCDEFGHI DJ KLMNO>P=Q9• O l = SN(M` )	(454,145,428)	238,393,120
kNM` yOj L \$ k l = M`	(50,816,218)	(282,278,114)
f g h e > P = Q r c & L O l = S N	261,504,755	317,897,587
h i ; ( ) Q 7 O S N	-	278,015,108
h i j L \$ k l = S N ( 7 8 ? 9 ( 3 ) 8 2 )	15,198,345	-
OD	(228,258,546)	552,027,701

(2) l = S N -

56	{ , b 7 W	X, b 7 W
1.) j m k N t l =	6,492,433	29,389,626
\$ T l = S N	6,492,433	29,389,626
2.6 q b v L / u O U 7 t	(356,733,121)	397,104,412
& ' L k O l = S N	246,245,384	225,900,422
& ' L < \ 4 L O ' S N ( M ` )	(647,855,331)	381,438,870

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(Q) ! ^ \_ ` & - -

46 < C " 1 -

(2) I = SN-

	56	{ , b 7W	X, b 7W
6.f ghe > P = Q \ G ^		261,504,755	317,897,587
f ghe > P = Q y O { I = ( ) f g O \$ \		6,750,000	34,410,000
< 3 " > I = SN		-	25,155,813
Y ? Q ' I = SN		151,724,228	157,084,896
% I = \ ] SN		8,036,827	10,274,379
= P D ` \ ] SN		93,475,165	87,343,734
SN \ ] SN		1,518,535	3,628,765
7.; ( ) hi SN		-	278,015,108
8. c Z d # hi SN ( 7 8 ? 9 ( 3 ) 8 2 )		15,198,345	-
ODTc ( 3 ) Tj / F 1 + 1 14. O 8 O T D O T c ( 9 ) Tj T D ( 2 ) T			

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(Q) ! ^ \_ ` & - -

47<>m

(1)Z#gSJ - G

	56	{, b7W	X, b7W	1 2 3 4
} SN ^		52,664,472	51,716,028	
S* +		56,052,477	78,301,107	
XBW=>		-	56,071,280	
! i l =Qhi \ • OD		18,946,140	4,966,110	
GaLpq=Qhi \ •		18,946,140	4,966,110	
m >SJ		3,439,243	6,217,697	
G^		19,969,908	15,353,580	
OD		151,072,240	212,625,802	

(2)DJ K L M N O . W/

. W/ 56	{, b7W	X, b7W	, =Q //, SN /	1 2 3 4
S* +	56,052,477	78,301,107	, SN /	
13 Z/. 7 g, 56	10,216,813	9,416,955	, =Q /	
r 77Q ] g, 56	3,000,000	3,000,000	, =Q /	
oqkL? O]	6,000,000	6,000,000	, =Q /	
7 7u g, 56	2,286,026	2,286,026	, =Q /	
ohoW=W	456,964	456,964	, =Q /	
5000 Z/. H. =s 56	3,502,632	3,502,632	, =Q /	
" XdQ 8t u	5,635,110	4,690,432	, =Q /	
L&[ 856	4,049,851	4,049,851	, =Q /	
* ] Q#b 56	631,579	631,579	, =Q /	
G^	16,885,497	17,681,589	, =Q /	
OD	108,716,949	130,017,135		

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. / , O

(Q) ! ^ \_ ` & - -

48 < > m

	56	{ , b 7W	X, b 7W
! i l = Qhi M` OD		75,713,745	31,530,729
Ga L p q = Qhi M`		75,713,745	31,530,729
Wj h		2,730,343	2,065,152
j h		817,876	851,953
G ^		6,983,277	4,838,280
OD		86,245,241	39,286,114

49 <

(1) ~ • \* \_ B

	56	{ , b 7W	X, b 7W
M \ / q Dy OK L ~ • * _		1,068,024,053	694,869,048
} ~ • * _		(38,333,420)	(211,293,123)
b @ L ~ • O		63,041,338	(3,912,872)
OD		1,092,731,971	479,663,053

(2) QD \ 8 , ~ • \* \_ u L

	56	{ , b 7W	X, b 7W
QD \ 8		2,033,536,835	1,164,417,787
25% O E Dy O ~ • * _		508,384,209	291,104,447
r G ^ o u O ; ( ) E o + O		(7,520,582)	4,868,154
S S J O		(9,250,000)	(20,882,106)
Dy ; { W { (% 8) ~ •		63,041,338	(3,912,872)
\ _ @ , O 6 f ! Me		(49,140,293)	(89,637)

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

(Q) ! ^ \_ ` & - -

50 < Z [ . 1 2 . 1 A \* - -

Dy" { ! \$ SNmf a < bbgr g \$] k' : f Dy u GL

1 2 3 4

	{ , b 7W	X, b 7W
, ; bgr gO \$\$:	3,462,729,405	3,462,729,405
] L{ , bgO \$] k:	-	-
, 9bgr gO \$] k:	3,462,729,405	3,462,729,405

! \$ SN

1 2 3 4

	{ , b 7W	X, b 7W
9: ; < ( ) \$ = Om \ 8Dy L		
" { ! \$ SN	0.23	0.18
# \$! \$ SN(8)	o % _	o % _
9: ; < ( ) \$ = Oc - Z m \ 8Dy L		
" { ! \$ SN	0.23	0.18
# \$! \$ SN(8)	o % _	o % _

8L { STv # \$ m \$ M

51 < 89' : &

(1) S - G ^ , - Z . I & / Ou >

1 2 3 4

56	{ , b 7W	X, b 7W
\ ] SJ	503,197,831	1,085,140,528
S8 & ' L < O X >	-	174,091,969
G ^	478,545,001	649,206,561
OD	981,742,832	1,908,439,058

(2) j [ G ^ , - Z . I & / Ou >

1 2 3 4

56	{ , b 7W	X, b 7W
^ e * _ \ PY * _ a Oj [ W	1,038,140,198	1,375,453,586
Z # gj h	10,531,496	7,755,385
j [ o B _ W	160,344,794	88,051,928
j [ & ' L < O X >	455,436,839	-
G ^	6,708,737	26,195,404
OD	1,671,162,064	1,497,456,303

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. / , O

---

(Q) ! ^ \_ ` & - -

51 < 89' : & - -

(3)S - G ^ , | = . | & / Ou >

1 2 3 4



! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. /, O

(Q) ! ^ \_ ` & - -

52 < 89' : & "

(1) u > i E B W = D

		1 2 3 4
"	{ , b 7 W	X, b 7 W
<b>1 R67 =&gt;? ( 89' : )</b>		
m\ 8	940,804,864	684,754,734
] L = Q [ C 3	1,153,454,641	455,345,340
1 5 2 3 @]	50,075,668	51,974,543
p q = Q \ I = m n o Q x	1,791,096,930	1,574,544,553
v w = Q ^	70,381,199	69,517,263
h i p q = Q Y v w = Q e G ^ j L = Q O M ^	56,767,605	26,564,619
( A B C H I S N	582,587,116	(219,994,069)
? @ * _	741,571,622	1,222,276,984
I = S N	228,258,546	(552,027,701)
} ~ • = Q @]	(37,447,864)	(241,646,807)
} ~ • \$ % @] ([ >)	(885,556)	15,353,425
} S N ^	(52,664,472)	(51,716,028)
_ < O [ > (@] )	(1,669,829,602)	1,518,493,092
- Z m R S 5 6 O [ > (@] )	(3,517,534,372)	2,120,988,147
- Z m R [ 5 6 O @] ([ >)	3,989,362,642	(4,772,404,789)
- Z . I Q 7 O u > i E m W	4,325,998,967	1,902,023,306
<b>2 89K89LMNRI ( \ ] )</b>		
u > O, 9 5 W	8,260,268,154	16,705,051,151
[ L u > O, ; 5 W	16,705,051,151	19,394,218,539
u > \ u > > B ? m [ > W	(8,444,782,997)	(2,689,167,388)

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

(Q) ! ^ \_ ` & - -

52 < 89' : & " - -

(2)u > eu >> B? OTz

		1 2 3 4
56	, 9:	, ; :
+Yu >	8,260,268,154	16,705,051,151
Ga <_u >	280,259	574,322
f = m_ ; j [ Oj g_W	8,259,987,895	16,704,476,829
f Yu >> B?	-	-

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. /, O

---

(Q) ! ^ \_ ` & - -

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. / , O

---

(V) < AO1

1 < 45 AO1

(1) | m A

; ( ) F	O - Zo	8Lo	# @ m ;	c \$ * + (%)		9 . 9
				3	3 (8 1)	
! " # \$ % & ' ( ) (" ? @ ( ) , )	! o p	! op	b z z   } ( g X Y S _ W f ( g Q W	85.68%	1.67%	a + t v G d # O
! " # \$ % & ' ( ) (" S T " C , )	! o p	! op	? > ) m Q ' ] t \ ^ e	98.89%	-	a + t v G d # O
! " # \$ % & ' ( ) s & ' ( ) (" C } 7 , ) X & ' ( ) (" U V X " )	! o p	! op	_ > : S 1 Y ^ e	55.88%	44.12%	a + t v G d # O

UV (UV) 0.16 +1 6.96 Tf 6.0 TD re f553.44 543.12 0. t6Y:0 TD re f512 0 TD 0.32232 Tc ( ) 0.72 ( ) Tj/F1+6 6.96 Tf2.4 re ( )

! " # \$ % & ' ( )

? @ AB 7 8

2016, 12 - 31. / , O

(V) < AO1 - -

1 < 45 AO1 - -

(1) l m A - -

: ( ) F	O - Zo	8Lo	# @ m ;	c \$ * + (%)		9 • 9
				3	3(8 1)	
XY " Z ^ & ' ( ) ("X YZ ^ ,)	XY u	XY u	^ e " Q'	100.00%	-	de l => 9
X / " Z ^ & ' ( ) ("X / Z ^ ,)	X / = ] u	X / = ] u	^ e " Q'	100.00%	-	de l => 9
` " Z ^ & ' ( ) ("` Z ^ ,)	` i	` i	^ e " Q'	100.00%	-	de l => 9
! j k l m m ; \$ % & ' ( ) (" ! l m ,)	!	!	obY7Ql m \ d \ R_ Q' ( g / O @	95.00%	-	de l => 9
! n " - D t & ' l ( ) (" D t")	! X	! X	\ G Q'	70.00%	-	de l => 9
! " # s d w Y & ' ( ) (" s d w Y ,)	!	!	s d t u P Y \ ( g / @	100.00%	-	de l => 9
" " C & ' ( ) ("` " C ,)	=	=	7 Q " / n \ G / Q'	100.00%	-	de l => 9
" K W j & ' ( ) (" K W j ,)	X / = ] u	X / = ] u	> : Q' j	60.00%	-	de l => 9
! " # ( ) t & ' ( ) ( " ] t ,)	!	!	\ Q'	100.00%	-	de l => 9
! " # } 7 = s & ' ( ) ( " } 7 = s ,)	! o p	! o p	> : \ G v ' O _ D f 6 , _ ? > Y m S Y m d Q ' Y _ m S Y _ m n Y m Y _ ? > m d O 8 S e s h # @ \ 3 + Y ] t Y _ Y ^ e # @	100.00%	-	de l => 9
^ # & ' ( ) (" ^ #")	UV	UV	& • > : j	-	100.00%	de l => 9
! " # UV & ' ( ) ("` " UV ,)	UV	UV	s h j Y s h # @ 4 y Y h g l P = Y h 1 2 3 4 y Y h g M A O G ^ # @	100.00%	-	de l => 9
	X / = ] u	X / = ] u	@	-	100.00%	de l => 9

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. / , O

(V) < AO1 - -

1 < 45 AO1 - -

(1) l m A - -

: ( ) F	O - Zo	8Lo	# @ m ;	c \$ * + (%)		9 • 9
				3	3(81)	
" I ` ( ) " # & ' ( ) ( " " " )			^ e ] t " C	51.00%	-	! a + t v G d # O
! " # ( ; 4 ) & ' ( ) ( " ; 4 )	= ; 4	= ; 4	O 1 " Y 1 " \ & • > : O 7 Q Y ] t e ^ e	100.00%	-	! a + t v G d # O
X / " I = t \$ & ' ( ) ( " " t \$ )	X / = ] u	X / = ] u	s \ # ( = ; ) f , s \ K f & n ^ Y 4 f ? # P Y >	100.00%	-	! a + t v G d # O
U i M ) r # & ' ( ) ( " r # , )	U	U	" Y > : = s x Y & • > : 1 ^	51.00%	-	! a + t v G d # O
! " # ( U V ) I = & ' ( ) ( U V I = )	U V	U V	# I =	100.00%	-	d e l = > 9
! " # P Y & ' ( ) ( P Y )	U V	U V	! @	100.00%	-	d e l = > 9
X Y / 9 ^ # & ' ( ) ( " / 9 " )	X Y u	X Y u	s h j Y s h # @ 4 y	-	100.00%	d e l = > 9
! " # ( W h ) b m & ' ( ) ( b m )	X i W h	X i W h	b m	100.00%	-	d e l = > 9
! " # ( ) # I = & ' ( ) ( " I = )			# I =	-	100.00%	d e l = > 9

8 1 L ? @ ( ) 1.67% O \$ k F " C ( ) 3 c & " C } 7 44.12% O \$ k F S T " C 3 c & U V  
X Y K W ? i Y " g R Y " X Y e " ] ] F K W Y x F F W 10.58 T

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. /, O

(V) < AO1 - -

(2) [ deA+ " 45

1 < > > l m AO1

(1) deA > l m > l m

OZd# cZd# F	O - Zo	8Lo	#@m;	c\$*+(%)		bOZd# cZ d#l = OQDh Y M
				3	3	
? " #l = &' ( ) ("? " ")	aK	aK	l = ( )	40.00	-	k NM
aq " k # &' ( ) ("aq " ")			" Q' \ ^ e	25.00	-	k NM

(2) de > l mA e ^ \_

1 2 3 4

cZd# F	, 95W/{ , b7W		, ; 5W/X, b7W	
	? "	aq "	? "	aq "
i l = Q	70,497,588	186,327,081	53,338,946	199,792,394
! i l = Q	4,596,436,725	2,551,897,282	4,258,701,212	2,372,540,500
= QOD	4,666,934,313	2,738,224,363	4,312,040,158	2,572,332,894
i l \$ %	336,313,312	17,472,406	78,054,492	17,216,265
! i l \$ %	1,350,920,210	-	1,645,415,291	-
\$ % OD	1,687,233,522	17,472,406	1,723,469,783	17,216,265
> : \$ = k N			-	-
9 : ; < ( ) \$ k k N	2,979,700,791	2,720,751,957	2,588,570,375	2,555,116,629
c \$ * + Dy Om = Q % W	1,191,880,317	680,187,989	1,035,428,150	638,779,157
5	-	-	-	-
bcZd#kNI = OV BC	1,191,880,317	680,187,989	1,035,428,150	638,779,157

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. / , O

(V) < AO1 - -

2 < > > | m AO1 - -

(2) de > | mA e ^ \_ - -

; ( ) F	, 95W/{ , b 7W			
	? "	aq "		
m \ 8	285,625,931	165,635,328	311,100,250	
G ^ / OSN	285,625,931	165,635,328	311,100,250	
/ OSNI W	131,130,418	165,635,328	(593,253,412)	155,614,173
{ , OS - OP c Z d # O \$ \	-	-	-	-

(3) deA > | m2 > | mAG, ^ \_

1 2 3 4

, 95W/{ , b 7W | , ; 5W/X, b 7W

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

( ) < 9 K }

{ STOO >Pt } ~ <3=>Y@( ABCDEFGHI DJ KLMNO>P=QYRSTUY  
RSVWYRS\ ] YG^RSWY} Kr G^i I =Q, O>P=QYf ghe>P=QY@( AB  
CDEFHI DJ KLMNO>P\$%YR[ TUYR[ VWYR[ \ ] YG^R[ WYG^i I \$%Y  
#WYR[ % Yj LR[ W>f 65>Pt O f - 78(?)M, . >Pt &/OA  
Bf@\{ STbNO. AB~ 9OABPY G~ M{ STPY b. AB sgP  
Yewt@ XtX ABtvr' qO{ | , M

{ ST \_ maB aBABHEOOYYf pH bKLMNf pQ7O MF; AB  
HEC> eob7H f: HE O /mb +ABHEOH O >Wt Q7qr R\_f  
G , Gr d! +HEOH Gr eO GsgOM

1. } 2gh

{ ST ABPYO62Gr ABeSN 9•%KO' ftABb{ ST- Z# O\$  
NO- O&' f B\$=\GG^kNI =AO\N r M"; ABPY62f{ STABPYO  
" { [ G qeaB{ g~ %O6, ABfse%KOAB 4 nesgABPYf \mf V  
ob6, ABsgwxftABtvr' qO{ | , M

1.1 i AB

1.1.1.

gDAB DEHI Q7M` OABM{ ST 4gDABO , c&Og356&/M; 2016,  
12 - 31. f GB~ =Q\ \$%b 4Yqr Ys4Y. 4YuvMwYV3Y]] 4Yt 4\  
123gf{ STO=Q\ \$%O @6O O V{ } 3DB4yM >g35WO=Qe \$%Q7  
OgDABf pb{ STO- Z# Q7 M

56	{ , :									
	4g3	q r g 3	s4g3	. 4 g3	uvMwg 3	v3g3	t4g3	]] 4	123g3(8)	g3OD
@( ABCDEFGHI DJ KLMNO>P=Q	20,811,333	-	-	-	-	-	-	-	-	20,811,333
< 3 = >	1,825,342,491	9	189,748,178	203	79,987,699	261,558	661,566	-	56,943,976	2,152,945,680
QWRSW5	1,530,282,595	-	-	-	-	-	-	-	463,894,507	1,994,177,102
g3=Q5WOD	3,376,436,419	9	189,748,178	203	79,987,699	261,558	661,566	-	520,838,483	4,167,934,115
@( ABCDEFGHI DJ KLMNO>P\$%	161,110,439	-	-	-	-	-	-	-	53,560,307	214,670,746
R[ W5	1,388,373,717	-	2,370,947	-	-	-	-	-	1,113,158,989	2,503,903,653
" L#W	470,204,155	-	-	-	-	-	-	27,995,550	421,840,762	920,040,467
+, , - LOj L#W	-	-	-	-	-	-	-	-	-	-
g3\$%5WOD	2,019,688,311	-	2,370,947	-	-	-	-	27,995,550	1,588,560,058	3,638,614,866

8Luhg; ( ) c&O123M

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. / , O

---

( ) < 9 K } - -

1. } 2gh - -

1.1 i AB -

1.1.1. \_\_\_\_\_ -

56	X, :								
	4g3	qr <sub>3</sub> g	s4g3	.4g3	V3g3	t4g3	] ] 4	123g3 (8)	g3OD
@( ABCDEFGHI D J KLMNO>P=Q	275,204,813	-	-	-	-	-	-	-	275,204,813
< 3 = >	7,869,71592 581.04 0.72 15.36 re f26( ) Tj-0.12 Tc (8)5Bf297.36 581.04 0.72 196.4 Tj0.18 Tc ( ) Tj-0.2 0.D ( ) 0.72 143.12 0 TD.18 Tc ( ) 9Tj-0.2 0.D ( ) Tj0.12 Tc (8) Tj-0.12								

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

( ) < 9 K } - -

1. } 2gh - -

1.1 i AB -

1.1.2.

{ ST \ EHI CA \ BAW MEHI OABO , I \ Ej g # W & / M { , 9 I \ Ej  
g # Wb 1 2 3 03,000,000

---

pCc{ ST?@M` O r \_AB O P ; Oa + 6p(g  
Q7OM` f } ~L

O>P=QOV >W b; @(ABCDEO>Pt : { fV BC  
rAB fG rAB t=|6P(ABCOH : gHM

\$%,a O?@ XOa>WM

<3=>Yfghel =YG^RSW\ U7t f. >P=QO \_  
rAB >; . t OV >WM

ze + OC\$I q \_WOYsg \_ f NgG^wtu @  
\_%kM gf{ ST; ! =Q\$%B. ! +| 5RSWYRSXYW  
\_@a f4O8S f@ XOvM8SOW5D( aO V 3M  
ST~ O \_AB - r bNOM

31. ORSW5a: & 27.79%(2015, 12 - 31. L 32.27%)ORSW5G  
gf{ ST 6 %qr \_SaABM

\_ a) \*Oj gf i l =>O \_AB) OM

QOL' aB GL

1 2 3 4

, 9:

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. / , O

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

( ) < 9 K } - -

1. } 2gh - -

1.3.i | AB -

@mW4yOU7>Pt L

{ ST OmW4yOU7>Pt } ~L&' LkO Y&' L<O Y%mqB78Y4LgDO  
Yz>4LO Y\E ?O @\DE ?O MGBaB =Q\$%B. EOa qO- L.  
O( 5L' ar O@mW4yOU7>Pt 6xuu>i L

1 2 3 4

U7>Pt	, 9:				V BC
	> ; 1,	1, E 5,	5, @X	OD	
@. 56 Tf10. 56 O T6	Tf10. 56 O T6	Tf10. 56 O T6	Tf10. 56 O T6	Tf10. 56 O T6	Tf10. 5

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

( ) < 4 M A

1. 4 M \* : A" # 2 \$ % A W X 4 M

1 2 3 4

56

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

( ) < 4 M A - -

3. - B 4 M \*: MA

1 2 3 4

>P=Q/>P\$%	2016, 12 - 31. O(ABC	C	JC
>P=Q			
4L&' O { ar bU7>Pt	25,314,910	u>i ExuM	r G56r X/L<) j ~ kl >: ) j ~OAB
z >4LO { ar bU7>Pt	129,153,350	u>i ExuM	r G56r X/z>) j ~ X/ L<) j ~OAB
%			

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

( ) < 4 M A - -

4. - D 4 M \*: Ai 2de A K : - -

\* k (ABCDE

1234

	fghe > P = Q
--	--------------

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. /, O

---

( ) ~ K - -

2 < ~ \ ]

G ^ / c F	G ^ / c , { ( ) / u
" ST	< ( )
" ST ; ( )	a 4 < ( ) t v O ( )
> : \$ = \ G ; ( )	{ ST ; ( ) O > : \$ = \ G ; ( )

3 < ~ \ ]

(1) 1 ^ & ' Y ( g e 3 4 ) @ O / c ) j

^ e Q'

/ c	/ c ) j ,	{ , b 7 W	X , b 7 W
" ST	/ t # Q'	1,825,349	1,234,400
" ST ; ( )	" " n	475,734,959	493,772,042
" ST ; ( )	O 1 "	547,386,642	520,196,372
" ST ; ( )	W ? D	426,921,391	47,460,768
" ST ; ( )	/ t # Q'	98,308,322	147,954,460
" ST ; ( )	X @	375,707,245	26,497,653
" ST ; ( )	\	1,439,046	54,301
" ST ; ( )	[ "	-	3,266,252
" ST ; ( )	^ e / C D	6,560,126	40,940

1 Q'

/ c	/ c ) j ,	{ , b 7 W	X , b 7 W
" ST	/ t # Q' \ G ^ Q'	13,209,219	13,753,781
" ST ; ( )	/ t # Q' \ G ^ Q'	57,818,787	151,696,672
" ST ; ( )	" @	15,485,141	-

! " #

? @ A B  
2016,

( )

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

( ) ~K - -

3< ~ \] - -

(1)1 ^ & ' Y ( ge 34 ) @O / c ) j -

34 @

1 2 3 4

/c	/c) j ,	{ , b7W	X, b7W
" ST	oB_kY>*_(8)	166,664,514	166,664,514
" ST	34) @ @	-	11,518,811
" ST	@	-	1,328,712
" ST ; ( )	34&' L<O - NY @	4,626,342	6,532,731
" ST ; ( )	34 Y\UV @	6,994,075	104,016,214
" ST ; ( )	34sd @	62,152,603	-
" ST ; ( )	34 h 7\ @	-	2,967,800
" ST ; ( )	34) @ @	34,209,170	74,471,776
" ST ; ( )	NY @	-	4,113,235
" ST ; ( )	@	1,105,996	-
" ST ; ( )	1 3 \] t	56,055,337	-

8L2014, 8 - 27. f { ( ) ( Y ) , " ST ( h Y ) J b L 3 , O o Y 4 , - f O a & w  
LE 2017, 12 - 31. f , Y > I W b 1 2 3 166,664,514 4M

, /c & /O /c) j , -

{ ST, " ST \ G " ST ; ( ) O /c) j , -

U 2015, 1 - 12. { ( ) % m \$ = r Q O { ST, " ST J O / O g R \ @ O a I  
e / O g R \ @ O a II ( O a & w L E 2017, 12 - 31. / ) f { ST, " ST @ \ " ST  
; ( ) O /c) j O B O

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. /, O

( ) ~ K - -

3 < ~ \ ] - -

(1) 1 ^ & ' Y ( g e 3 4 ) @ O / c ) j -

2014, 3 - 25. f { S T ? @ ( ) , " S T \ G ; ( ) J & w L , - \ G 5 G O ) j @ \ , O ) j > W X ' O U V c O ) j ~ & ' ( ) X i \ / X / ) j ~ \$ T X i s g - n ( % \_ ) c 7 w E 2016, 12 - 31. O ? @ = / , - M U , - f 2014, O ( { ( ) Q n ( 5, O ) Y 2015, O \ 2016, O " S T \ G ; ( ) t r > P S T O D a \_ W e D a Q W i J ? @ ( ) \_ W e Q W f G a J Q W ( ` " S T z z | } ( g Q W Y T U O u Y H & # D T Y e X x Y ( g j W O Y R S V W X Y Y P = Y 4 > / O Q @ ) ! . 5 W o " 1 2 3 160,000 4 F ! . Q W 5 W o " J \_ W ! . 5 W f w z m \_ W f F \_ J \_ W b J Q W ( g c O X # @ M a m f ? @ ( ) t ` " S T ( g 4 y @ M

1 2 3 4

/c	/c) j ,	{ , b 7 W	X, b 7 W
" +	^ e G ^	8,281,178	3,020,549
" +	1 J "	43,204,484	50,088,605
" +	( g G ^ @	-	8,893,995

1 2 3 4

/c	/c) j ,	{ , b 7 W	X, b 7 W
q	^ e	738,085	-

1 2 3 4

/c	/c) j ,	{ , b 7 W	X, b 7 W
e	( g s d @	-	627,000
e	1 J [ "	-	17,444,050

1 2 3 4

/c	/c) j ,	{ , b 7 W	X, b 7 W
>: \$ = \ G ; ( )	^ e O 1 "	4,263,879,449	4,509,713,398
>: \$ = \ G ; ( )	^ e " n	1,330,688,885	1,546,136,385
>: \$ = \ G ; ( )	^ e / t # Q ' \ G ^ Q '	1,256,480,990	233,108,235
>: \$ = \ G ; ( )	^ e G ^ & • > :	-	7,039,630
>: \$ = \ G ; ( )	O 1 " j 1	3,264,744,537	2,423,612,707
>: \$ = \ G ; ( )	1 [ " \ 1	-	245,094,711
>: \$ = \ G ; ( )	1 / t # Q ' \ G ^ Q '	126,355,060	38,729,125
>: \$ = \ G ; ( )	( g P D ] t @	-	20,372,517

; 2016, Of ` /c ^ e & ' \ ( g @ > W I { S T M D ^ e & ' \ ( g @ > W O 4.40% (2015 , O L 4.20%) M /c 1 2 & ' \ 3 4 @ > W I { S T M D 1 2 & ' \ 3 4 @ > W O 1.96% (2015 , O L 1.83%) M

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

( ) ~K - -

3< ~ \] - -

(2)/aPY1zA(

	56	{, b7W	X, b7W
/aPY1zA(		10,433,600	8,792,100

(3); =Q\$%B. f { ST of P^O- ZY4OaO G, " STJ f 78(U)IM

4. ~

(1)RSTU

	/c	, 9>W	, ; >W
" ST ; ( )		75,157,702	33,433,089

(2)RSVW

	/c	, 9>W	, ; >W
" ST		726,305	2,834,780
" ST ; ( )		646,634,588	305,178,941
" +		1,079,230	1,788,741
q		534,758	534,758
>: \$ = \ G; ( )		-	18,462,572
OD		648,974,881	328,799,792

(3)Z [ VW

	/c	, 9>W	, ; >W
" ST ; ( )		-	127,313,906
>: \$ = \ G; ( )		-	100,629,323
OD		-	227,943,229

(4)G^ RSW

	/c	, 9>W	, ; >W
" ST		1,933,109	8,730,819
" ST ; ( ) -L < X >		997,711,801	860,493,466
" ST ; ( ) -G^		4,739,114	6,742,853
" +		2,033,904	2,917,406
q		-	3,398,040
>: \$ = \ G; ( )		2,468	18,469,573
OD		1,006,420,396	900,752,157

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

( ) ~K - -

4. ~ - -

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O

---

( ) ~K

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. /, O



! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. / , O

( B) de

1 < ` -

(2) aD SJ Pso` aObg) j SJ

1 2 3 4

ou F	{ , b7W		X, b7W	
	Z # SJ	Z # z {	Z # SJ	Z # z {
aKr 陆	169,615,513,206	162,853,172,996	165,969,967,397	161,761,310,069
UV	23,341,250,107	23,170,973,468	11,181,744,059	11,138,792,759
G^	9,351,456,914	9,286,118,550	8,630,779,885	8,578,152,489
OD	202,308,220,227	195,265,014	185,782,491,341	181,478,250,000

{ STc&O! i l =Qf r Y秘鲁Y \. { Ol =g } ; aKr 陆\UV

O T? ] L

{ , Z#SJal S ( ) ~ 4 T? tyCO~&O )OSJb7 6,883,732,193 4(2015, OL1 2 3 4,876,869,631 fl { , Z# 2015 (2.63%)

2 < " [ }

{ ST={ \* + \* +

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. / , O

( D) 345^\_` & e -

1< v -

, 9| 5>Wqr | D( V 3ORSVWL

1 2 3 4

RSVW(   } )	, 9:				
	, { ( ) / u	RSVW	I RSVWI WO* + (%)	V 3L 95W	D( * + (%)
( ) U+	{ ( ) ; ( )	3,099,075,759	53.39		
( ) Uf	* k	363,235,407	6.26		
( ) Uk	* k	273,192,798	4.71	136,596,399	50.00
( ) UV	{ ( ) ; ( )	270,032,842	4.65		
( ) U?	{ ( ) ; ( )	260,697,253	4.49		
OD		4,266,234,059	73.50	136,596,399	3.20

COaf V@aBMD( V 3ORSVWL

1 2 3 4

V@	, 9:		
	RSVW	V 3	D( * + (%)
1, @,	1,113,156,992		
1 E 2 ,	317,841,948	63,568,390	20.00
2 E 3 ,	48,231,053	24,115,527	

! " # \$ % & ' ( )

? @ A B

2016 ,

O

( D )

& e - -

ar L

1 2 3 4

, 9:					, ; :				
V 5W		V 3		V BC	V 5W		V 3		V BC
>W	* + (%)	>W	* + (%)		>W	* + (%)	>W	* + (%)	
290,266,870	22.59	-	-	290,266,870	132,280,130	11.74	3,800,000	2.87	128,480,130
994,672,693	77.41	23,879,679	2.40	970,793,014	994,930,044	88.26	20,041,240	2.01	974,888,804
284,939,563	100.00	23,879,679	1.86	1,261,059,884	1,127,210,174	100.00	23,841,240	2.12	1,103,368,934

r | D( V 3OG^RSWL

1 2 3 4

(%)	D( YF
-	
-	
-	
-	

! " # \$ % & ' ( )

? @ A B 7 8

2016, 12 - 31. / , O

( D ) 3 4 5 ^ \_ ` & e - -

2 < - -

(4) W 9SO, 95W ? OG^RSW

W 9SO, 95W ? OG^RSWm; O b & ' L < O X > @ \ Z [ I = Wf , 95  
W ? G^RSW > Wb 1 2 3 290,266,870 4 f I G^RSW I WO\* + b 22.59% f , 9v V  
3 > WM

3 < r . OC"

j L \$ k l = - GL

1 2 3 4

{   =   }	, : 5W	{ , @[ HI							, 95W
		S]   =	[ >   =	k NMG	OI = MN	G ^ / OSN	f bgu > \$ \ \ 8	D ( [ C 3	
z { M y O ; ( )									
! " #	163,930,000	-	-	-	-	-	-	-	163,930,000
" C ( )	476,389,227	-	-	-	-	-	-	-	476,389,227
翁 D t	127,050,000	-	-	-	-	-	(3,500,000)	-	127,050,000
XYZ ^	660,000,000	600,000,000	-	-	-	-	-	-	1,260,000,000
X / Z ^	200,000,000	-	-	-	-	200,000,000	-	-	200,000,000
` Z ^	261,000,000	-	-	-	-	-	-	-	261,000,000
? @ ( )	879,856,270	-	-	-	-	-	(78,330,000)	-	879,856,270
s d	45,750,547	-	-	-	-	-	-	-	45,750,547
o x t u	18,144,614	-	-	-	-	-	-	-	18,144,614
j h #	354,488,447	-	-	-	-	-	-	-	354,488,447
t u	31,789,846	-	-	-	-	-	-	-	31,789,846
q > t t u	27,558,990	-	-	-	-	-	-	-	27,558,990
q ]	20,894,421	-	-	-	-	-	-	-	20,894,421
= a #	159,044,526	-	-	-	-	-	-	-	159,044,526
u ,	3,223,379	-	-	-	-	-	-	-	3,223,379
op ? i	72,870,695	-	-	-	-	-	-	-	72,870,695
ndmt									

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. / , O

---

( D) 345^\_` & e --

4<>m <>m [

(1)Z#SJ

1 2 3 4

56	{ , b 7W	X, b 7W
OZ#@SJ-t#\G^! j SJ	44,775,385,1414	490,815,970,622,801,89,8ETC
OZ#@SJ- j SJ	21,554,338,054	25,050,176,042
	406,370,717	

! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. / , O

---

( D) 345^\_` & e - -

5<C" 1

(1)1 ) \$



! " # \$ % & ' ( )

?@AB78

2016, 12 - 31. / , O

---

( D) 345^\_` & e --

6<89' : & " --

(2)u>\u>>B?OTz

	1	2	3	4
	, 9:	, ; :		
+Yu>	6,760,703,682	17,038,304,404		
Ga <_u>	34,332	16,286		
f =m_ ; j [ Oj g_W	6,760,669,350	17,038,288,118		
fYu>>B?	-	-		
Ga k - , - LO% l =	-	-		
kY, 9u>\u>>B? 5W	6,760,703,682	17,038,304,404		

; 2016, 12 - 31. f { ( ) ~ &k 4' v O< 3=> b 1 2 3 18,665,569 4(2015, 12 - 31. L 1 2 3 173,186,304 4)M

\*\*\*?@AB4' \*\*\*

W =D  
2016, 12 - 31 . / , O

1< r += 1q &

1 2 3 4

56	> W	f -
! i l =Qhi M`	(56,767,605)	
DJ KLMNO . W/(, d##@6l /f OKH +2 qW q E ~ 4O . W/ g)	108,716,949	
a ( ) \ - Z#@ /O&wvLXC#@gfc&) j m>P=QY ) j m>P\$%Q7O( ABCHI MNf @\hi ) j m>P=QY) j m>P\$%efghe>P=Q9• Ol =M`	(928,113,160)	

W = D  
 2016, 12 - 31. /, O

3< f \* no{ f \*

OKWQD , aKQD O? @A am\ 8em=Qz 2

1 2 3 4

	m\ 8		m= Q	
	{ , :	X , :	, 9:	, ; :
aKQD	940,804,864	684,754,734	48,822,847,220	47,833,482,117
KWQD O56\ >WL				
{ , aKQD D( O: 6B _ 7M7Q* _	50,075,668	51,974,543	-	-
7M7Q* ~ •	4,180,835	1,921,988	-	(4,180,835)
KWQD	995,061,367	738,651,265	48,822,847,220	47,829,301,282